



Professional theater & studio lighting fixtures and accessories, power connectors & distribution boxes, hardware, and rigging chain hoists & controllers.

RIGGING SOLUTION INDEX

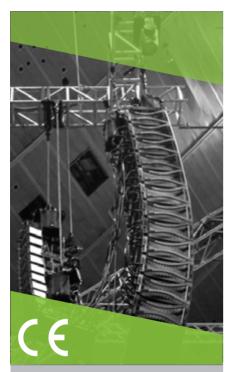
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Standard

Item

Description



BGV D8+ (IGVW SPQ2)

RD-500

RD-500P

RD-500 500 Kgs Chain Hoist, Direct Control. 500 Kgs Chain Hoist, Direct Control. RD-500P Micro Switch Position.



BGV D8 (DGUV Vorschrift 54)

RH-250

250 Kgs Chain Hoist, Direct Control.





BGV D8 (DGUV Vorschrift 54)

RH-500

RH-500P

RH-500 500 Kgs Chain Hoist, Direct Control. RH-500P 500 Kgs Chain Hoist, Direct Control. Micro Switch Position.



BGV D8 (DGUV Vorschrift 54)

RH-1000S4 RH-1000PS4 **RH-1000LV RH-1000CV**

RH-1000S4 1 Ton Chain Hoist, Direct Control. RH-1000PS4 1 Ton Chain Hoist, With Micro Switch Positioning. RH-1000LV 1 Ton Chain Hoist, Low Voltage Control. RH-1000CV 1 Ton Chain Hoist, Direct Control, Convertible Voltage 220 / 380V.



BGV D8 (DGUV Vorschrift 54)

RH-2000

2 Ton Chain Hoist, Direct Control.





RD-500 / RD-500P BGV D8+ Chain Hoist

Comply with BGV D8+ (IGVW SPQ2)

RD-500 and RD-500P are built with the following configuration:

- Load capacity 500kgs (1 fall) with safety factor 10: 1
- Spring-applied double DC brake enhances the safety
- Overload friction clutch is located outside the load path Those comply with specifification of BGV D8+, meeting IGVW SPQ2 Code of Practice for entertainment rigging.
 It is designed for any climbing and upright applications.



Outstanding Features:

- 5-pocket liftwheel makes lifting smoother and less vibration
- Epoxy black powder coated for less visibility and corrosion resistance; with rubber gasket and mechanical design, the complete unit turns to be IP55 rated.
- Forward-curve enhanced Nylon chain guide is robust and keeps chains running smoothly in the central.
- Two fordable handles provide an easy manner for transportation of the hoist.
- Housing is fabricated of gravity die-cast aluminum; light weight yet robust and durable.
- Gears are made of alloy steel with heat treatment for steady operation and less wearing and fine grounding on gears makes engagement precisely with less operation noise.
- Upper and lower hook are made of drop-forged high tensile carbon steel, allowing 360 degree freely swiveling.
- Over-heat protection, for the maximum limit of 140 (+/-5) Celsius degree, will only allow to lower the load instead of lifting.
- Micro Switch Positioning (MSP) helps to set the up and down limit on travelling position without too much effffort on direct control chain hoist (applied for RD-500P model).



Features



5-pocket lift chain wheel for smooth and quiet lifting operation.



Helical gears used to cement 3-step drive system for quiet operation and long wear life. \blacktriangle





Two independently-acting spring-applied DC brakes aims for higher safety standard.



Adjusting clutch torque, if necessary, is convenient with an Allen key tool. \blacktriangle



Insulaton class F motor (0.75Kw x 4P) is well engaged inside the alumimum frame for excellent working thermal control.





Foldable grips make transportation easy, and reduce the interference over the operation.



Die-casting housing for the greatest toughness and robustness. 🔺



Micro Switch Positioning (MSP) provides an easy manner for DC hoist to set the up or down traveling position without too much effort.



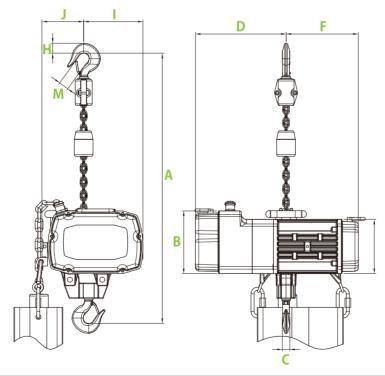
Specification

- Load capacity: 500kgs
- Type: DC (direct voltage control)
- Motor: 0.75KW x 4P
- Motor isolation class: F
- Operation voltage: AC 400V / 50Hz
- Lifting speed: 4M/min (50Hz), 4.8M/min (60Hz)
- Load wheel: 5-pocket

- Load chain: Grade 80, 7.1 x 20.2mm
- Duty cycle: 2m FEM class, ED 40% or 240 on/offff per hour
- Friction clutch: outside the load path
- Chain hoist weight: 50kgs (without chain)
- Chain weight: 1.1kgs per meter
- Micro Switch Positioning: optional

Capacity (kg)	Model	Speed (m/mim) 50Hz/60Hz	Fall No.	Load Chain (Dia x Picth) (mm)	Motor (kw x pole)	Weight of hoist (kg)
500 kg	RD-500	4.0 / 4.8	1	Ø 7.1 x 20.2	0.75 x 4	50
500 kg	RD-500P	4.0 / 4.8	1	Ø 7.1 x 20.2	0.75 x 4	50

Dimensions: (mm)



				Dim	ension (mm				
Model	A	В	C	D	F	Н		J	M
RD-500	650	185	23	267	213	33	175	123	30
RD-500P	650	185	23	267	213	33	175	123	30

All-New "Micro Switch Positioning" For Chain Hoist A better rigging choice you shouldn't miss out

RH-1000P is designed for installation where chain lifting or hoist climbing to precise position is required. This new model offers the lifting operation an alternative manner in position control over simple and quick steps of maneuver.

Convenient & Fast Setting

Each RH-1000P chain hoist comes with built-in micro switches and is equipped with up and down rubber blocks. Activate this system is just simple as 1-2-3: slide the rubber block to the desired position where you want to stop the moving, run the chain hoist with ordinary DC (direct control) controller, and then the lifting or climbing will stop while rubber block touch the micro switch on the nylon chain guide. No complicated setting; it's no brainer.

Precise & Safe

Whilst rubber block is fixed and running to touch the micro switch, the hoist will stop travelling immediately without delay, even the controller is set on working in this stage. In the case of multiple chain hoists in operation, as soon as the micro switch is triggered on each unit, hoist won't move an inch which ensures the fidelity to entire system's stability and safety.



YOUTUBE RIGPRO ALL NEW RH-1000P DC CHAIN HOIST



Rubber block has a dia. 5mm perforate hole, leaving a cable tie to anchor the rubber block on chain tightly from slipping. Palm-size rubber block is handy to grip and slide. Damage-free on chain link and durable for frequent use.









Rigpro RH-1000 is a three phase chain hoist, loading rated for 1000 kgs, and built for rigorous entertainment rigging environment.

RH-1000 is available with DC (Direct Control) and LVC (Low Voltage Control) version, and operates in both upright and inverted positions.



Outstanding Features:

- Gravity die-casted aluminum, matt-black non reflective finish chassis for rigid, light-weighted, durable and low visibility.
- Epoxy black powder coated chassis is featuring corrosion-resistance, and with fine gasket and mechanical design, the complete unit turns to be IP54 rated.
- Enhanced Nylon chain leading plate ensures the chain links properly fit into the lift wheel, and eliminates the possibility of jamming, as well as protects the lift wheel from wet and dirt.
- Heavy-duty DC brake automatically gets engaged in the event of power failure, requiring very little maintenance and only minor periodic adjustments.
- Hook is made of drop-forged high tensile steel with heat treatment, allowing 360 degree swiveling, and equipped with safety latch to ensure proper rigging the load.
- Equipped with duty cycle ED 40% high efficiency, lightweight and robust motor, running the chain hoist quietly and steady.
- Operates on three phase voltage of 400V/50Hz, and LVC is 110V as standard. Other voltage for DC and LVC version is available upon request.
- Conforms to FEM 2m / ISO M5 classification, covering a wide range of applications.
- Average operational noise is within 75dB, quietly working and less noisy.



Features





Chain Guide

Made of robust material, enhanced Nylon, and comply with housing design to make sure the load chain operating smoothly.

The forward-curve shape of enhanced Nylon keeps operating chain in the central position, away from getting stuck in the farther sides.

RH-250 pulley type chain guide.



Gear Limit Switch (LVC version only)

It can be handy adjusted to the required position, setting the chain travelling limits and offering the preventable method for hoist from over winding and damage.











Mechanical Overload Device

Gear is made of alloy steel with heat treat-ment for steady operation and less wearing and tearing. Fine-ground gear makes engage-ment precisely with less operation noisy.

While generated torque is over the friction torque, the overload mechanism will trigger, in which motor keeps running but slipping clutch hold back the hoist from further lifting for the sake of safety.





Hook

Upper hooks apply material SF45C to cast which allow swiveled 360 and are equipped with safety latch to enhance the loading safety.

Lower hooks apply material SF45C to cast which allow swiveled 360 and are equipped with safety latch to enhance the loading safety. Connection plate is bend and formed by high strength steel for excellent safety.





Electromagnectic Disk Brake

Electromagnetic disk brake will brake synchronously while the power is off, ensuring the operation safety while loading.

Magnetic Contactor & Clutch Adjustment

- High performance fuse circuit breakers are fastened in a rotatable bracket for easy maintenance and inspection.
- The clutch torsion can be adjusted through a torque tool by a qualified technician. Easy to access and calibrate.







Grade 80 Alloy Chain







Alloy chain

Premium quality and high strength alloy chain, heat treated, used in a variety of sling and tie down applications. For overhead lifting applications, only Grade 80 alloy chain should be used.

Identification

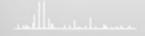
Shall have periodic embossing for identification purpose. The embossing shall include the manufacture's identification mark or symbol, the traceability code or date code, and the grade indicator.

Features

- Made from carbon steel superior alloy, grade 80 chain load chain is precise calibrated and heat treated for maxium strength and wear resistance.
- Safety factor 7:1, greater durability and safety.
- Black phosphate finish for corrosion resisance and low-key.

Part Number	Description
CHC-7.1	7.1 x 20.2 mm chain, Grade 80, per meter weights 1.12 kgs.
CHC-6.3 / 19.1	6.3 x 19.1 mm chain, Grade 80, per meter weights 0.89 kgs.
CHC-4.0	4.0 x 12.0 mm chain, Grade 80, per meter weights 0.35 kgs.







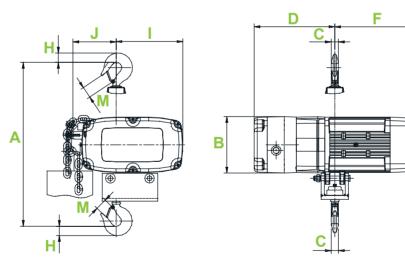


Safety Features

- DC Motor Brake: With two-side single disk brake, electro-magnetic brake actuates synchronously in the event of power failure to ensure the operation safety while loading.
- Overload Slipping Clutch: Protects the hoist from damage of overload, and ensures the life-span of chain hoist.
- Over-Heat Protection: With built-in heat detector, when motor's inside working temperature reaches 140(\pm 5) Celsius degree, the protection mechanism will trigger, and not allow lifting the load. Instead, it permits coming down to release the load.
- Gear Limit Switch (only applied for LVC version): Upper and lower limit switches are fitted to switch off the power simultaneously in the case of over lifting or lowering position.
- Phase Protection (only applied for LVC version): Built with phase error relay, in case of any phase missing or incorrect, the machine will not be in active, ensuring the safety and durability to all components.

Capacity (kg)	Model	Speed (m/mim) 50Hz/60Hz	Fall No.	Load Chain (Dia x Picth) (mm)	Motor (kw x pole)	Weight of hoist (kg)
2000	RH-2000	4.0 / 4.8	2	Ø 7.1 x 20.2	1.50 x 2	62
	RH-1000PS4	4.0 / 4.8	1	Ø 7.1 x 20.2	0.75 x 4	47
1000	RH-1000S4	4.0 / 4.8	1	Ø 7.1 x 20.2	0.75 x 4	47
1000	RH-1000LV	3.3 / 4.0	1	Ø 7.1 x 20.2	0.75 x 4	47
	RH-1000CV	4.0 / 4.8	1	Ø 7.1 x 20.2	0.75 x 4	47
500	RH-500	4.0 / 4.8	1	Ø 6.3 x 19.1	0.40 x 4	42
250	RH-250	4.0 / 4.8	1	Ø 4.0 x 12.0	0.25 x 4	30

Dimensions: (mm)



				Dim	ension (mm)				
Model	Α	В	C	D		Н		J	M
RH-250	410	135	18	205	175	28	165	85	25
RH-500	600	156	23	247	221	33	185	105	30
RH-1000LV	650	156	23	247	221	33	185	105	30
RH-1000CV	650	156	23	247	221	33	185	105	30
RH-1000PS4	650	156	23	247	221	33	185	105	30
RH-1000S4	650	156	23	247	221	33	185	105	30
RH-2000	860	170	27	275	240	39	170	170	30

Chain Hoist Flight Case

Rigpro chain hoist flight case is designed with several features for greater protection over transit. Made of 10mm thickness robust plywood with max durability. Stackable for less storage space. Internal layout is to set the chain hoist firmly and provide sufficient compartment for chain and power cable. Superior butterfly latches lock up lid and main frame tightly. Large spring-loaded handle for convenient grip and handling. Travel easily with four castor and two of them with brake. Robust and tough. It helps show tour to move in/out the chain hoist fast and extra secure to the equipment.



Item	Description	
RH-1000-1	FLIGHT CASE FOR RH-1000 & 500 (standard compartment for 20M chain; customized size for longer chain upon request)	



Four dia. 10cm swivel castors for ease of transit; two of them with brake.



Enhanced and rounded corner to brace and withstand unexpected collision.



Hinged cover with multiposition lid stay.



Recessed butterfly latched for secure lock.



Lid is reinforced with hinged and two support lid stays.





Heavy-duty recessed flip grip for greatest handling.



Wood partition with black painting for extra strength and greatest support.



The RigPro chain bags are designed to assist with the containment of excess lifting chain, coming down from loads being hoisted, thus preventing common hazards associated with loss chains. The bag with the utmost consideration to safety, convenience and strength. This removable chain bag is made of high grade black fabric, 1000 deniers, and reinforced with 3.5cm wide rugged nylon strips.



Each eyehook has WLL 750 lbs (340.19 kg) and dimension 7 / 16 embossed.



The drainage hole on lower side to prevent accumulation of rainwater. 4 mm thickness acrylic plate to distributes the chain weight evenly.





Each quick link carabiner has SWL 2200LBS (997.90kg) and Dia. 5mm imprinted.



Side eye ring for fasten a quick link carabiner and eyehook. This distributes the weight more evenly on opening frame. Three 3.5cm wide nylon straps to enhance loading capacity.

Features

- 1. Three 3.5 cm straps crisscross the bottom to increase loading capacity.
- 2.4 mm thickness acrylic plate on bottom distributes the chain weight evenly.
- 3. Upper metal frame keeps chain bag in rectangular shape.
- 4. 2 drainage holes on lower side to prevent accumulation of rainwater in case of outdoor use.
- 5. Made of high grade black 1000 deniers woven fabric.
- 6. Side strap with triple stitches.
- 7. Each chain bag comes with two eyehooks; quick link carabiners attached to the eye ring at two sides.

Note:

- 1. The bags are sold individually including eyehooks and quick link carabiners for fixing them to the hoist.
- 2. Other size, styles and logo embossed are all available upon request.
- 3. The chain bag is compatible with all major brand chain hoist.
- 3. Max. recommended capacity for loading: 75% of bag space.
- 4. Under no condition should the hook block or load be permitted to come in contact with the chain bag. If contact is made, the function of the chain bag can be interfered and become imperiled.

Product Code	Opening	Length	Capacity
CB-18	14 x 25 cm	45 cm	Max. 25 m of 7.1 mm chain
CB-22	14 x 25 cm	56 cm	Max. 40 m of 7.1 mm chain
CB-36	14 x 25 cm	90 cm	Max. 60 m of 7.1 mm chain



Fabricated of 1000 denier textile fabric with a heavy-duty hook, this round-shape chain bag can be attached to the chain block easily and provides a large compartment for accommodating chains. Supporting straps are stitched with the round frame directly so as to hold the weight firmly. Solid and flat bottom distributes the weight evenly, and three drain holes on the bottom keep the chain dry and rust-free.



Comes with carbon steel snap hook rated for SWL 750kgs.



strap and frame is secured with a leather cover to give the fabric greatest support.



three drain holes on bottom to evacuate the rainwater and keep the bag dry.





Feasible for wide range of manual chain block.

Features

- 1. Made of 1000 denier fabric with for maximum durability .
- 2. The dia. 250mm main frame is welded and constructed by a dia. 12mm steel rod which provides the ultimate and strongest structure for a holding bag.
- 3. 9mm thickness wood plate at the bottom distributes the chain weight evenly.
- 4. Snap hook is galvanized 7/16" drop forged carbon steel rated for SWL 750kgs.
- 5. The depth of container is 33cm (13") with load capacity of 20kgs; strap length is 27cm, making the overall profile in 60cm height.

Product Code	Dimensio	Length	Load Capacity
CB-C13	Dia. 25cm x 33cm (bag only)	33cm	20 kgs

As its name, it is the jacket to fit over the hoist body (RigPro RH-1000 and all other major brand hoists) to help protect against rain ingress, dust, moisture, etc. It is made of 900 denier woven polyester and two coats of resin which proofs against the elements and provides long wearing. The standard color is black, CH-52B. Customized color and logo embossed upon request with minimum order quantity.



WHY NEED HOIST JACKET?

- 1. Complete protection: the design of rectangular cutout on the top and string in the bottom (to tighten the skirt) leaves the chain hoist from moisture and dust ingress.
- 2. Cosmetic & Valuable: hoist jacket gives chic appearance, keeps chain hoist low profile, and better than wrap hoist up with other materials.
- 3. Save time & Simple: only three steps like the followings and take really no time.











Product Code	Description	Size
CH-52B	Hoist jacket for 1-ton chain hoist	530(L) X 330(W) X 280(H) mm

For direct voltage control chain hoist (DC)

















For low voltage control chain hoist (LVC)













DC Chain Hoist Controller

RIGPRO 4-CH and 8-CH direct hoist controllers are designed to withstand the rigorous touring environment, offering stand-alone or multipleunits control system for maximum flexibility. Tailor-made can be specified on request.



CHC-14-3P 4-CH CONTROLLER

Dimension	Weight
L 52 x W 42 x H 21 (cm)	10.00 kgs
	(with water-proof case)



CHC-18-3P 8-CH CONTROLLER

Dimension	Weight
L 52 x W 42 x H 21 (cm)	9.5 kgs
	(with water-proof case)

Features

- 1. Each brief case type of Rigpro chain hoist controller is outfitted with Croxs water proof hard case.
- 2. The case features impactresistance, offering excellent protection to the components of controller over transit.
- 3. Lightweight and compact.
- 4. Occupy less space for ease of storage.





HOIST CONTROLLER



Phase check for clear identification of respective incoming phases. Only when the phase sequence is correct does the equipment start to work. Phase missing displays on a red LED indicator and the quipment won't be functioning. Lockable E-Stop button and phase reverse switch as standard feature.



Built up with 3-PIN XLR in/out connector as linkable ports for multiple system.



Wiring information clearly disclosed on the front panel (for 8-CH controller) in favor of the user making the corresponding cable assembly for chain hoist controlling system.



Switching power supply for multiple input covering AC 220V, 380V, 400V and 440V for maximum flexibility.



Overall system protection and control circuit breaker ensure the working stability.



Individual up/down rotary switch per motor for handy operation.



Phase reverse switch helps to convert the phase into correct sequence.





Industry standard connectors: power input 32A 5P CEE receptacle; output 16A 4P CEE (4-CH) or 2 x 19-PIN connectors (8-CH). Four or eight channels of direct control using reversing contactors built on the rear side of the panel.

Rack Type Chain Hoist Controller [Direct Voltage Control]

This rack mount model is designed to accommodate for heavier rigging system. Its function is mostly the same as the briefcase type. The major difference is that rack mount type can be installed into standard 19" rack, like a portable dimmer rack system. It is available with 4-channel, 8-channel and the 12-channel. They are all linkable for larger scale of operation.

- 1. Each controller is supplied with a 2M cable with 5pin CEE form 32A male connector.
- 2. Handle grips for easy & convenience installation.
- 3. Each unit comes with footpad for desktop operation.
- 4. Linkable with 3pin XLR for master/slave function.
- 5. Output for 4-channel is 4pin CEE form 16A female socket; 8-channel and 12-channel comes with Soca 19pin female socket.
- 6. Universal 3-phase power input AC/220V, 380V, 400V and 440V for maximum flexibility.
- 7. Multiple LED indicators provides the clear information of the working status.
- 8. Overload and circuit leakage breaker (applied for 8CH and 12CH) keeps user from working hazard.



CHC-14R-3P

· Output: 4 x CEE 4-pin / · Height: 3U





RIGPRO CHAIN HOIST CONTROLLER

IDIRECT CONTROL

CHC-18R-3P

· Output: 2 x Soca 19-pin / · Height: 4U





CHC-112R-3P

· Output: 3 x Soca 19-pin / · Height: 6U





Back

Flight case for Rack Type Controller

Designed for accommodating 19" rack type chain hoist controller, this 16U flight case is fabricated of 9mm thickness plywood and coming with 4 casters for the need in frequent touring. Cage nuts are supplied for the user's convenience to fasten the controller on the square fixing positions. The add-on 3U drawer is key-secured which provides the user a handful storage compartment for their own utility.



Cage nuts are supplied as standard accessory.





Dimension:	
Fully closed for transportation	Ready for rigging operation
530 (L) x 638 (W) x 754 (H) mm	530(L) x 460(W) x 754(H) mm

Direct Voltage Control Station

- Housing is made of ABS for greatest impact-resistance and maximum durability.
- For three-phase (AC 220/380/400/440V) chain hoist control directly; additional magnetic switch is no required.
- Unique mechanical interlock design which helps to prevent short circuit.
- Orange indicator will light up while it is connected with electricity.
- With emergency stop mushroom button.
- 3M long cable for both input and output for usage flexibility.
- Connector: 32A CEE form 5pin (input) / 16A CEE form 4pin (output).



CHC-11-3PL

· 1 Channel Direct Controller for Tri-Phase Hoist.

CHC-12-3PL

· 2 Channel Direct Controller for Tri-Phase Hoist.



- Housing is made of ABS for greatest impact-resistance and maximum durability.
- For up and down operation for low voltage control chain hoist (24/48/110V).
- With 3M long cable (4C x 2.0mmsq).
- Connector: 16A CEE foam 4pin male connector.



CHC-11LVC-3P

· One Channel Low Voltage Controller for Tri-Phase Hoist.

Controller for LVC [Low Voltage Control Chain Hoist]

Rigpro 4-channel LVC controller in brief hard case is designed for entertainment rigging on the go, covering a comprehensive range of input & control voltage no matter where the tour goes. The most sophisticated and professional controller for LVC chain hoist in its range.

Features

- [1] Feasible to control the chain hoist with input power voltage of 3-phase 220 / 380 / 400 / 440V, and the control voltage 24 / 48 / 110V.
- [2] Flat pushbutton switch with LED indicators and LED screen offers a clear visible identification of operation status.
- [3] Phase error protection, including phase missing or phase reverse warning, secures the operation with the right power condition.
- [4] Pickle mode enables the technician to control LVC chain hoist with pickle directly, with power supplied by this console.
- [5] Duo control interface, console or remote controller, provides the most flexible and powerful operation.
- [6] Remote controller (optional) can be easily hooked up with console through 5-pin XLR cable, providing "Go" link for controlling up to 12 units of chain hoist.





CHC-14LVC-EU 4-CH CONTROLLER

Dimension	Weight
L 52 x W 42 x H 21 (cm)	10.00 kgs
	(with water-proof case)

12-channel Remote Controller

This 12-channel hand held remote controller is designed for LVC chain hoist controller. Fabricated with flat pushbutton switches makes it compact and low profile. Based on digital control design, when hooking up this remote controller to the console via XLR 5 pin cable, it takes the control immediately and makes console a slave. The LED indicators tell you the status of the operation. The "hot key" makes you group all channels in just second.





5-pin XLR to communicate with main controller.



Footpad stabilizes the operation.

CHC-RC12 [Remote Controller]

Mini Motor Pickle

Mini Motor Pickle is designed for LVC(Low Voltage Control) type chain motor. It is must-have gadget to rigger's belt. Three LEDs in the rear chassis help rigger to indentify the condition of the hoist on the go. Red LED shows the power is well connected; Yellow and green indicates respectively UP or DOWN direction while running the chain. It is built up rocker switch which will immediately and automatically stop the movement while your finger or thumb leaves the switch. Carabiner is attached for rigger's most mobility. CEE 16A/4P and Turn-lock 20A/4P are available. Mini Motor Pickle is ready for professional rigger to guide your chain in & out between your finger tip.

Features

Lightweight & portable. / Up and Down control from a rocker switch. / Power LED indicates once chain motor power is connected. Different color of LED indicates Up & Down direction. / Belt clip is included.

CHP-1 [Turn-lock 20A / 4 pins]

CHP-1 Mini Motor Pickle w / NEMA L14-20 4 pin 20 amp plug.

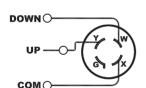
CHP-2 [CEE 16A / 4 pins]

CHP-2 Mini Motor Pickle w / CEE 16-4h 3P+E 16 amp yellow plug.

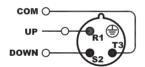
CHP-2E [CEE 16A / 4 pins]

CHP-2E Mini Motor Pickle w / CEE 16-4h 3P+E 16 amp yellow plug (for Rigpro, CM lodestar, Stagemaker, Prolyte chain hoist).

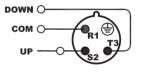












HOW DOES IT WORK?



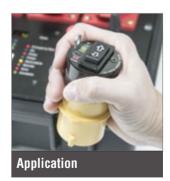
Once chain hoist power is connected the power LED indicator will on. Let you know the motor is ready to go.



Up direction with Green LED indicator to tell correct operation way even in dark.



Down direction with Yellow LED indicator to tell correct operation way even in dark.



Lightweight & portable. Up and Down control from a rocker switch. We provide various cable sets for direct control hoist.

Following tables are showing the connection details of cable wires to their corresponding pin out.







MCA-1904P-5







MCA-0404C-100 / 200

MCA-0419P-5

MCA-0416P-5

MCA-0404P-100 / 200



Extension Cable	Description	Length
MCA-0404P-100	4C x 2.5 mmsq, with CEE 3P+E (male-female)	10 M
MCA-0404P-200	4C x 2.5 mmsq, with CEE 3P+E (male-female)	20 M
MCA-1919P-100	Soca 19 Pin, 2.5 mmsq (male-female)	10 M
MCA-1919P-200	Soca 19 Pin, 2.5 mmsq (male-female)	20 M
MCA-1616P-100	Harting 16 Pin, 2.5 mmsq (male-female)	10 M
MCA-1616P-200	Harting 16 Pin, 2.5 mmsq (male-female)	20 M
MCA-0404C-100	4C x 2.5 mmsq, w/ yellow CEE 3P+E for control (male-female)	10 M
MCA-0404C-200	4C x 2.5 mmsq, w/ yellow CEE 3P+E for control (male-female)	20 M

MCA-1919P-100 / 200



Break-Out	Description	Length
MCA-1604P-5	4-channels, 4C x 2.5mmsq per channel Harting 16Pin male to 4pcs CEE 3P+E female.	0.5 M
MCA-1904P-5	4-channels, 4C x 2.5mmsq per channel Soca 19Pin male to 4pcs CEE 3P+E female.	0.5 M

MCA-1616P-100 / 200



Break-Out	Description	Length
MCA-0416P-5	4-channels, 4C x 2.5 mmsq per channel 4pcs CEE 3P+E male to Harting 16 Pin female.	0.5 M
MCA-0419P-5	4-channels, 4C x 2.5 mmsq per channel 4pcs CEE 3P+E male to Soca 19 Pin female.	0.5 M



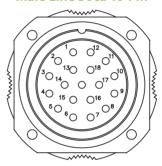
Multi Cable Connections- Pin Out

Motor 4channels Break-out Soca 19 Pin				
Wire	Color	CEE Pin	Soca 19 Pin	
L1	Red	1	1	
L2	White	2	2	
L3	Black	3	3	
GND	Yellow/Green	PE	13	
L1	Red	1	4	
L2	White	2	5	
L3	Black	3	6	
GND	Yellow/Green	PE	14	
L1	Red	1	7	
L2	White	2	8	
L3	Black	3	9	
GND	Yellow/Green	PE	15	
L1	Red	1	10	
L2	White	2	11	
L3	Black	3	12	
GND	Yellow/Green	PE	16	
			17 18 19	

Motor Power Connector Red 415V 16A 4Pin CEE Female



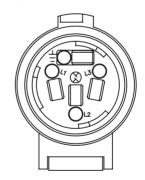
Male Line Soca 19 Pin



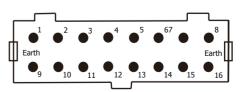
MOTOR 4CHANNELS BREAK-OUT MULTI 16 PIN

Wire	Color	CEE Pin	Soca 19 Pin
L1	Red	1	1
L2	White	2	2
L3	Black	3	3
GND	Yellow/Green	PE	4
L1	Red	1	5
L2	White	2	6
L3	Black	3	7
GND	Yellow/Green	PE	8
L1	Red	1	9
L2	White	2	10
L3	Black	3	11
GND	Yellow/Green	PE	12
L1	Red	1	13
L2	White	2	14
L3	Black	3	15
GND	Yellow/Green	PE	16 + PE

Motor Power Connector Red 415V 16A 4 Pin CEE Female



Male Line Multi 16 Pin





RigPro adjustable beam clamps provide a temporary or permanent mount to a wide range of beams, pipes and bars, where round, square rectangular in section. These units are designed to provide quick and versatile rigging point for hoisting equipment, pulley blocks or loads. Quick and simple installation is achieved easily by hand without tools. Units accommodate hook-mounted hoist or load blocks just with minimal loss of headroom. The clamp jaws are made to diminish beam stress by applying the load inside of the flange edge.







Special clamp design distributes weight away from flange edges.



Build suspension bar offers low headroom.



Adjustable threaded mechanism fits a wide range of beam size.

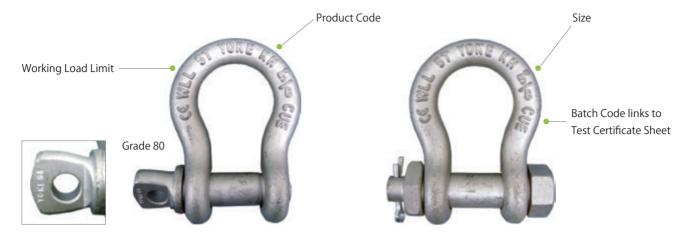
Features

- 1. Capacity: Rated loads from 1-3 ton in safety factor 4:1 for vertical lifting.
- 2. Adjustable threaded mechanism fits securely on a wide range of flange widths and beam sizes.
- 3. Built-in suspension bar offers low headroom.
- 4. Easy installed and adjusted by hand, no tools required.
- 5. Tested at 150% of rated load prior to shipment.
- 6. Black finish for blending into stage surrounding.
- 7. Heavy duty construction allows safer and secure grip in the beam.
- 8. Each unit is serialized, supplied with a test certificate and manual.
- 9. GS and CE certified.

Product Code	Description	WLL Capacity	Adjustable Width	
RBC-1BK	Beam Clamp	1,000 kgs	75 - 220 mm	
RBC-2BK	Beam Clamp	2,000 kgs	75 - 220 mm	
RBC-3BK	Beam Clamp	3,000 kgs	80 - 230 mm	



Anchor (Omega) Shackle



Forged Anchor Shackle, Carbon Steel

- Shackles are Type Approved by DNV & ABS.
- Shackles are forged carbon steel with alloy pin, Dacormet Finish.
- Size and Working Load Limit permanently shown on each schackle.
- All shackles with Batch Code which links to Test Certificate and quality traceability.
- 100% magnaflux crack detection during manfacturing.
- 20,000 cycle fatigue rated to 1.5 times Working Load Limit.
- Meet the performance requirements of Federal Specification RR-C-271D, Type 4A, Grade A, Class 3.
- Minimum Ultimate Load is 6 times the Working Load Limit.

Forged Alloy Anchor Shackle

- Shackles are Type Approved by DNV & ABS.
- Shackles are forged alloy steel with alloy pin, Dacromet Finish.
- Size and Working Load Limit permanently shown on each shackle.
- All shackles with Batch Code which links to Test Certificate and quality traceability.
- 100% magnaflux crack detection during manfacturing.
- 20,000 cycle fatigue rated to 1.5 times Working Load Limit.
- Meet the performance requirements of Federal Specification RR-C-271D, Type 4A, Grade B, Class 3.
- Minimum Ultimate Load is 5.4 times the Working Load Limit.

Product Code	Description
SS-S3250	5 / 8" screw pin type, carbon steel, WLL 3 1/4 tones.
SS-N3250	5 / 8" bolt and nut safety type, carbon steel, WLL 3 1/4 tones.
SS-S5000	5 / 8" screw pin type, alloy steel, WLL 5 tones.
SS-N5000	5 / 8" bolt and nut safety type, alloy steel, WLL 5 tones.

Warning

- 1. Don't exceed the shackle capacity. Shackle capacity decrease subject to the angle of loading.
- 2. When two slings are used on a shackle, the load rating is based on the load regardless of the inclined angle as long as it is less than 120 degree.

Angle of Loading	Reduction to Working Load Limit
45 degree	30 % reduction
90 degree	50 % reduction



Polyester Round Sling w/Steel Wire Core

Polyester round sling but steel wire rope inside. This sling is composed of dia. 1.5mm steel wire in 34 loops, making it most flexible with superior strength. Inspection window covered by lid provides convenient access to check the wire rope. Identification labels are included under this lid. Heat resistance up to 150° C. Load capacity 2,000kgs with safety factor 5, whereas it turns to be load capacity 1,000kgs according to BGV-C1 with safety factor 10. Minimum bending radius R=6mm.





Identification labels clearly reveal the specification of this sling.

RS-S102



Steel Round Sling, 1M length, Load Capacity 2,000 kgs.

RS-S202



Steel Round Sling, 2M length, Load Capacity 2,000 kgs.

RS-S302



Steel Round Sling, 3M length, Load Capacity 2,000 kgs.

RS-S502



Steel Round Sling, 5M length, Load Capacity 2,000 kgs.

Working Length Required

As defined by arrows meaning circumference of complete sling when laid fiat, so called "pull to pull" length.

How to measure length

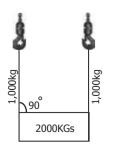
Sling Angle

When slings are used in a basket hitch and suspended from one hook, sling angles will directly affect the rated capacity of any slings. Sling capacity decreases as the angle from horizontal decreases.

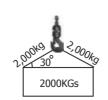
Working Load Required

Subject to heaviest loads, lifting conditions, and angles.

	,		, ,				
			8	U		600	
Cap 2t	Black / Color Black	Vertical M : 1.0 2000kg	Choke M : 0.8 1600kg	Basket M : 2.0 4000kg	Basket M : 1.4 2800kg	Basket M : 1.0 2000kg	







Never exceed working load limit of the sling. Sling capacity decrease as the angle from horizontal decreases. Sling should not be used at angle of less than 30.

Sling Angle in Degrees	Factor
15	0.259
20	0.342
25	0.423
30	0.500
35	0.574
40	0.643
45	0.707
50	0.766
55	0.819
60	0.866
65	0.906
70	0.940
75	0.966
80	0.985
85	0.996
90	1.000

Polyester Black Stage Slings

RigPro polyester black stage sling is made according to ISO4878 DIN EN 1492-2, meets CE & GS safety regulation. It is an endless synthetic sling made from a skein of Nylon core yarn covered by an independent, woven polyester tubular jacket. These lightweight round slings are ideal for easy and inconspicuous suspension of stage sound and lighting equipment. Black sleeve material helps sling blend into its surroundings.



Polyester cover with Nylon fiber core





Features

- Lightweight reduces fatigue and strain on riggers.
- Capacity stripes; each stripe is equal to 1 ton capacity.
- Synthetic materials leaves hands free from cut injury.
- Consistent matched lengths for better multiples sling load control.
- No loss of strength from abrasion to cover.
- Conforms to shape of load to grip securely.
- Soft cover keeps load surface from scratch.
- Low stretch (about 3% at rated capacity).
- Conforms to shape of load for less load damage.
- Lightweight and pliable for easy rigging and storage.
- Independent core yarns choke tightly, but release easily after use.
- Sling lifespan can be extended by rotating bearing points.
- Each stage sling comes with an identification tag and serial number for traceability.
- Easy to carry and transportation.
- Working temperature: -40 $^{\circ}$ C to +100 $^{\circ}$ C .
- Each stage sling is packed in plastic bag with CE declaration of conformity or test certificate.

Black stage sling 5M length

- Safety factor: 7:1
- CE certified.



2,000 kgs



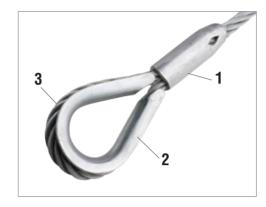


RS-502

Steel wire rope sling

This range of steel wire rope sling is manufactured according to EN 13414, the directive for steel wire rope slings in Europe. The single-leg steel wire rope sling are made of galvanized wire rope grade 1960 (rope class 6 x 19) to meet the permissible secondary safety component for entertainment rigging. Thimble at each end and ferrule-secured eye terminated. The inspection hole on ferrule guarantees the control of correct inserted length of wire rope before and after swaging, and comply with EN 13411 conical type C ferrule-secured termination.



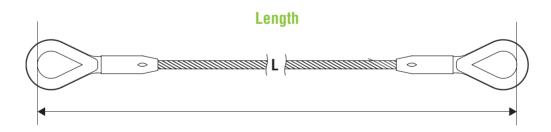


- (1) EN 13411-3 Type C cylindrical conical ferrule.
- (2) EN 12385-4 Galvanized steel rope grade 1960.
- (3) EN 13411-1 Thimble.

Features

- Comply with EN 13414-1, EN 12385-4, and EN 13411-1/-3.
- Galvanized wire rope resists corrosion.

- Ferrule inspection hole for convenient visual inspection.
- Low dead weight but high working load capacity.



Product Code	Description	Load Capacity
RSR-71901	Dia. 10mm steel wire rope sling, Length 1M	1000kgs
RSR-71902	Dia. 10mm steel wire rope sling, Length 2M	1000kgs
RSR-71903	Dia. 10mm steel wire rope sling, Length 3M	1000kgs
RSR-71910	Dia. 10mm steel wire rope sling, Length 10M	1000kgs
RSR-72001	Dia. 14mm steel wire rope sling, Length 1M	2000kgs
RSR-72002	Dia. 14mm steel wire rope sling, Length 2M	2000kgs
RSR-72003	Dia. 14mm steel wire rope sling, Length 3M	2000kgs

Ratchet Strap

Ratchet Strap, also known as tie-down strap or ratchet lashing, is used to fasten equipment or cargo during transporting. Ratchet strap webbing is outfitted with tie-down hardware allowing strap to loop over the protected equipment or cargo and tighten up.

Features & Advantage

- Ratchet Material: Metal - Strap size: 25mm x 2.5M

- Compliance: BS EN 12195-2

- Strap color: black

- Safety factor 2:1

Specification

- Gradual release ratchet gives a quick tension of strap.

- Spring-loaded quick release function for easy strap removal.

- Positive locking latch for secure the tension.

- Black webbing color for entertainment standard.

- Webbing Material: Abrasion Resistant Polyester

- Load capacity: 1000kgs (not for lifting)



RS-RS2525

· Ratchet strap 25mm x 2.5M, black

To Tie-Down:

Step-1: Pull latch toward handle to disengage the lock; insert slack webbing through buckle.

Step-2: Pull latch to engage the tensioning area; release latch and rotate handle back and forth till strap is as tight as necessary.

Step-3: Pull latch and close handle to fully engage lock.

CAUTION: DO NOT OVER TIGHTEN.

To Release:

Step-1: Pull latch to release the lock; move handle back and forth one notch at a time to release tension gradually.

Step-2: When tension is released, pull latch and fully open buckle to allow webbing to unroll freely.

Retractable Ratchet Strap

A breakthrough for making use of ratchet strap easier! This tie-down strap is equipped with patent buckle which offers the greatest way to retract the loose strap quickly after releasing the tension. The spring-loaded reel, functioning like tap measure, provide the effortless operation. Simply pull off the webbing strap you need, attach the hook, and ratchet the strap tight. Release at 180 degree open position. To recoil webbing back to the reel, simply pull back the rewind pin and it will automatically retract the webbing. Easy and handy.



RS-RRS2545

· Retractable Ratchet strap 25mm x 4.5M, black





Features & Advantage

- Ergonomic Vinyl-coated handle for easy grip.
- With heat treated Vinyl Coated "S" hook.
- Patented buckle with rewind pin for quick retract and recoil webbing.
- Gradual release ratchet gives a quick tension of strap.
- Positive locking latch for secure the tension.
- Black webbing color for entertainment standard.

Specification

- Webbing Material: Abrasion Resistant Polyester
- Patent Ratchet Material: Metal
- Strap size: 25mm x 4.5M
- Strap color: black
- Load capacity: 680kgs (not for lifting)
- Compliance: BS EN 12195-2



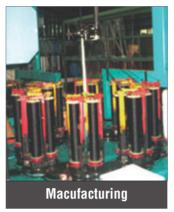


Double Braided Rope

RigPro rigging rope is constructed with a braided nylon core and polyester cover. The combination of the 2 materials in a rope has better performance on strength, controlled stretch and abrasion resistant. The inner rope and outer rope are generally designed to share the load fairly evenly. The inner rope is a braided core of energy absorbing nylon. The core is fully heat treated to enhance the rope's flexibility and prevent hardening in service. The 32 plait cover is soft yet durable and with the appearance of cotton but will not rot or degrade. Black cover is added prior to yarn production which makes color lasting longer and enhanced wear resistance.









Features and Benefits

- Polyester / Nylon construction- (Polyester cover/ Nylon core) provide a greater range of chemical resistance. than the traditional Nylon / Nylon construction.
- Strength- Exceptional tensile strength. For 7/16" (11mm) minimum breaking strength 3,000 kgs.
- Braided Core- The core bends more easily with less fatiguing. This makes for better knot ability, better control through mechanical ascent / descent devices. Also, in the event of a cover failure, the rope core will remain intact, allowing the user to ascend/ descend over the core to get back to a stable portion of the rope.
- Water Resistant- Having a polyester cover sheds water far more readily than a traditional nylon/ nylon construction. Also, the drying time of the rope is dramatically reduced due to the polyester being non hydroscopic. An additional benefit is that there is no discernible strength reduction to the rope when wet. With full nylon/ nylon ropes up to 20% strength reduction can be expected when the rope is wet.
- Longevity- The outer polyester cover providing a good characteristic for U.V. resistance. Due to its unique construction the rope will not work harden during standard use and will retain a consistent diameter throughout its life ensuring longer service than others.

RR-11R Dia 7/16" (11mm) 200M Par roll	Product Code	Description	
THE TIB DIA. 1/10 (THINI), 200W FO TOIL.	RR-11B	Dia. 7/16" (11mm), 200M Per roll.	

NORE: The ropes have no energy absorption and must never be used to hold a falling person or load.



Figure Eight Knot (Flemish Knot) is a quick and convenient stopper knot which can be undone fairly easily, and does not harm your rope as much as the overhand knot does. How to make the Figure Eight Knot?

- 1. Make a bight in a rope.
- 2. Loop the other side through the bight.
- 3. Loop the loop x 2.
- 4. Pull.

Wire winch

PL-200 is a single phase wire winch, rated for load capacity 200kgs. Compact and lightweight design turns it perfect mobility on the move. Single-phased motor makes the operation quick, simple and easy as it can plug up in anywhere the AC power is on hand. It is fabricated with dia.5mm stainless steel wire rope in 30M lengths with lifting speed 23M/min, rather ideal for those small-to-medium scales of venues or time-consuming rigging application with less heavy load. With its light-duty and portability, PL-200 can be the great rigging solution to the need.

Supplied with two handcuff couplers for ready to rig on 2" tube.

Heavy duty chassis for maximum durability.

Finished in matt black powder coating for less visibility.



Dual braking system combines dynamic and mechanical braking, provides instant and safe braking.

Precision machined gears heat treated for strength and durability, the ball or needle bearings at all rotating points run in oil bath lubrication for a quieter,

Built up with insulation class F motor for 300 starts per hour; ED 30%.

Features



The lower limit switch is designed in order to prevent wire rope under-wound.

Upper limit switch will be triggered when hook disc touch it; the motor will automatically stop for safety.



360° swivel hook for freely movement; wire terminated with double aluminum sleeves for further security; thimble provides greatest protection to the wire from the wear of contacting latch.



An easy accessible window for brush replacement, covered up for water and dust proof.





Labeling for load capacity 200 kgs on the side panel for clear identification; cable and attached to the holding point to prevent over running.

Specification

Capacity (kg)	Power (Voltage)	Phase	Wire Rope (mm)	Wire Rope Lift (Meter)	Speed (M / min) 50Hz 60Hz	Motor (KW)
200	100-120 / 200-240	1	5	28	19	1.2

Demension: 240 (L) x 180 (W) x 660 (H) mm, 15 kgs (N.W), 23 kgs (G.W)



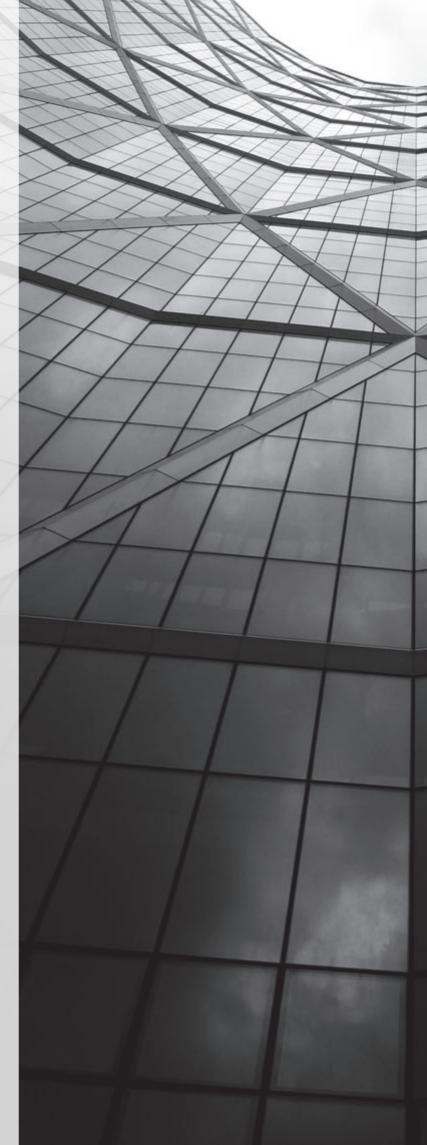
1-CH Wire Winch Controller

Built-up with impact-resistance compound plastic, this hand held direct controller provides handy operation forwire winch.Lockable E-stop button for immediately killing power. Up and down push button controls the travelling direction. 1.7M cables for both input and output, with CEE 2P+E connector (input) and 5 Pin connector (output).

CHC-11-1P Single Phase One Channel Wire Winch Controller.

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Content

KUPO manufactures various hardware products such as clamps, couplers, convi clamps, safety wire & stands, offering multiple solutions for rigging lighting fixtures on trusses or setting up on the ground securely. Many of our couplers and clamps are TUV certified for greatest reliability. Our safety wire is built in compliance with CE, acting as a secondary security for lighting fixtures when unexpected accidents happen. TUV-certified wind-up stand with unique and patented self-locking mechanism provides an easy and effortless manner for lifting lighting fixtures or light truss structures with simply a single hand.

Come and join us on www.stage.com.tw

Kupo safety wire is fabricated of galvanized steel wire, and constructed in accordance with DIN3055 and DIN3060. It is used as secondary bonding for rigging, lighting and other equipments to truss or stand, rendering a secondary flexible coupling in addition to regular fixture.

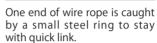
This is safety wire comes with an aluminum tag on which laser-engraved information indicates the year of manufacturing, diameter of the wire, and safe working load. Comply with European standard.





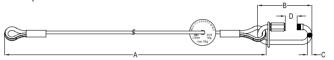
SWL	A	B	C	D
[kg]	[cm]	[mm]	[mm]	[mm]
10	60	62	Ø5	13.5







Thimble at both end.



This safety wire is built with stainless steel hook and wire rope, and terminated with aluminum ferrule. With its rusty-free feature, it is an ideal choice for outdoor application.



SW-01ST Ø 3.2mm, 7 x 19 wire

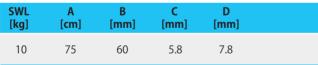


Stainless hook & wire rope.



Aluminum ferrule terminates the wire.







SW-01 / SW-01B

Ø 3.2 mm, 7 x 19 wire

SWL	A	B	C	D	
[kg]	[cm]	[mm]	[mm]	[mm]	
10	75	60	5.8	7.8	





SW-02

Ø 2.0 mm, 7 x 7 wire, Ø 3.0 mm (with PVC jacket)

SWL	A	B	C	D	
[kg]	[cm]	[mm]	[mm]	[mm]	
5	70	50	4.8	7.0	







SW-03 / SW-03B

Ø 5.0 mm. 7 x 19 wire

SWL	A	B	C	D	
[kg]	[cm]	[mm]	[mm]	[mm]	
50	100	60	5.8	9.7	



SAFETY WIRE WITH YOKE PLATE

Kupo extends the application of safety wire by adding a yoke plate on SW-01 safety wire. By fastening the plate to the yoke of lighting fixture, it offers an easier management for safety wire as the fixing point is just that clear. With this design, the safety bond won't get lost any more as it is firmly attached to the yoke. A simple and clever accessory to the fixtures.



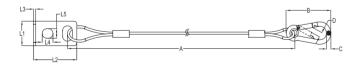




SW-01YP

Ø 3.2 mm, 7 x 19 wire, SW-01 with yoke fixing plate

SWL	L1	L2	L3	L4/5	
[kg]	[mm]	[mm]	[mm]	[mm]	
10	32	58	3	14.5 12.5	

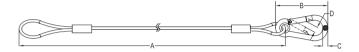




SW-04

Ø 3.2 mm, 7 x 19 wire, Ø 4.5 mm (with PVC jacket)

SWL	A	B	C	D	
[kg]	[cm]	[mm]	[mm]	[mm]	
10	75	60	5.8	7.8	



SAETY WIRE FOR LIGHTING CONTROL ACCESSORIES

Unique design to add safety to the accessories in front of lighting fixture. Black finish makes it low-keyed against luminary. Dia. 2mm wire and overall 60cm length provides the maximum utility.





SW-ACC

[cm]

60

SWL

[kg]

5

Ø 2.0 mm, 7 x 7 wire, with M

vith M4 fi	xing hole o		
B [mm]	C [mm]	D/L1 [mm]	
50	4.8	70	

M4



Manufacturing workshop is fully equipped with tension and drop testing machine to ensure each batch of safety wire production meet the breaking force on respective standard. Computerized system is able to sync the testing report.

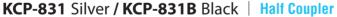


HALF COUPLER

Lightweight & low profile KUPO professional couplers are constructed from high tensile aluminum extrusion and have been developed for installations where load capacities of up to 500kg are required. The KUPO professional couplers combine strength and durability with a high degree of safety. The couplers are designed to fit tubes with diameter between 48mm-51mm. Some have been tested and certified with TUV approval for a safe working load of 500kg. The standard finish is polished. Custom color or logo is upon request.

"CAPTIVE", on top of Kupo half type coupler (KCP-831) is Constructed from a high thread bolt to avoid approved by TUV Product Service listed tensile-strength 6061 wing nut falling off the with a safety working load at 500 kg. aluminum-extrusion. clamp in the air. Designed for safe Standard in polish finished. Black is connection in trussing available to specify system. order. YOUTUBE **TUV CERTIFIED** Attach securely to tube **CLAMP & COUPLER** Nylon lock nut & bolt. with outside Dia.48-51 mm.







KCP-831-T Silver / KCP-831B-T Black | T-Handle Half Coupler

500kg

W 0.52kg

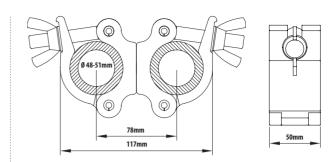
Bolt

Counter sunk

M10 x 30mm





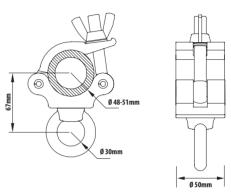








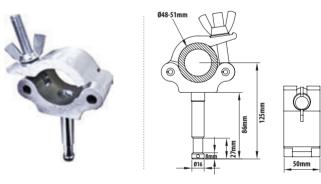
















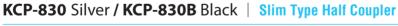


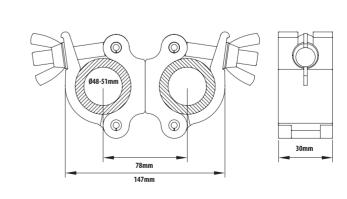
SLIM HALF COUPLER

Constructed from high tensile 6061-T6 aluminum and carries the same features as half coupler, but comes in just 30mm wide for better rigging utility. Slim half coupler has been TUV approved and certified with SWL 300kgs.

Captive on top of Fabricated of 6061-T6 high tensile TUV approval M12 threaded bolt to aluminum extrusion for greatest with SWL 300kgs. prevent wing nut from durability. falling off in the air. Available in polished or black finish. Feasible for tube Nylon lock nut and bolt. diameter 48-51mm.



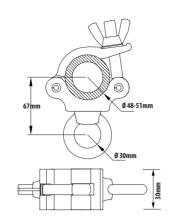




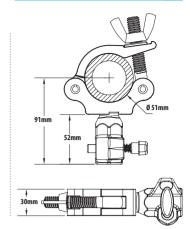
KCP-820 Silver / KCP-820B Black | Slim Type Swivel Coupler









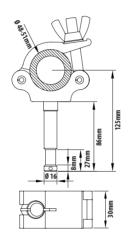


KCP-823 Silver | Slim Type Eye Ring Coupler W 0.5kg 300kg







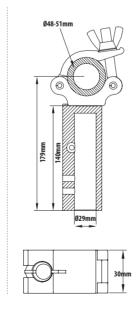


KCP-826 Silver | Slim Type 100kg 0.44kg 100kg

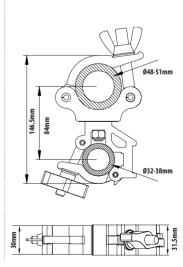












W 0.58kg 120kg



KCP-868 Silver

Slim Type Swivel Coupler For 2" to 1.25"-1.5"

BURGER COUPLER

Burger coupler is made from high tensile aluminium extrusion. The slim profile makes it an ideal alternative option for rigging light weight fixture. T-shape handle provides comfortable utility to user. TUV certified and rated SWL 75KG.

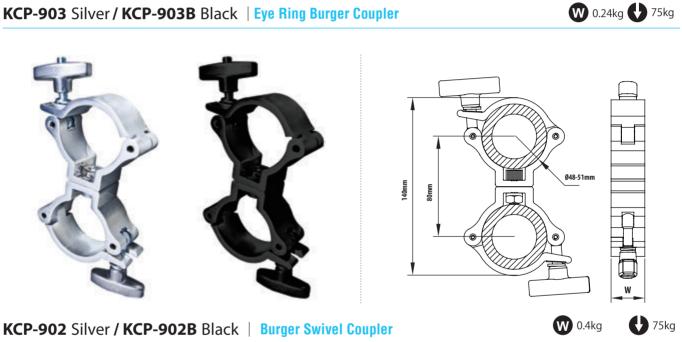




KCP-901 Silver / KCP-901B Black | Burger Coupler



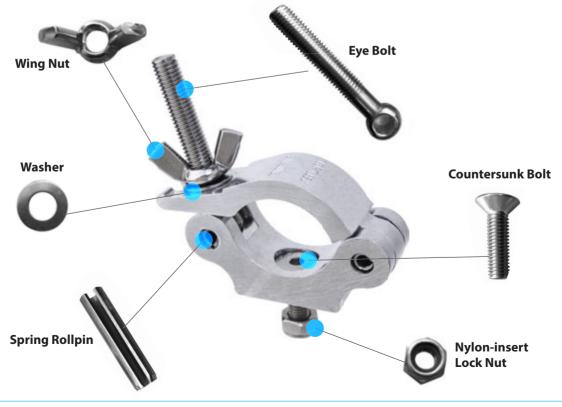
KCP-903 Silver / KCP-903B Black | Eye Ring Burger Coupler







Except for the aluminum-extruded main frame, the following parts in this range are supplied with stainless steel.





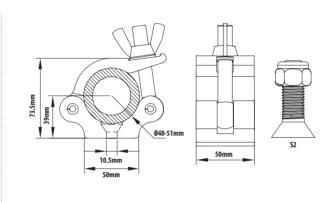


KCP-830ST Silver | Slim Type Half Coupler





KCP-831ST Silver | Half Coupler

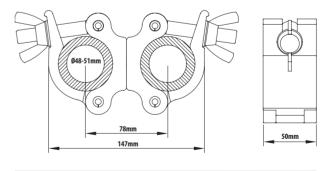








KCP-832ST Silver | Swivel Coupler

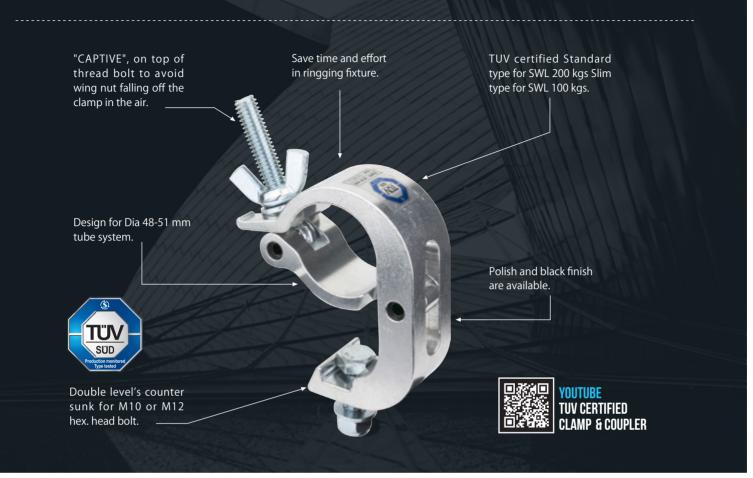






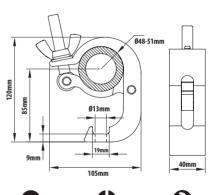
HANDCUFF COUPLER

Handcuff Clamp is constructed from high tensile 6061 aluminum extrusion. It is one of the most popular rigging hardware in the industry. Thanks to triggering mechanical design, this clamp is made to help the person rig heavy luminaries with less effort and saving much working time. TUV certified for both standard and slim profiles. Work safely.



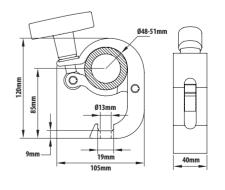












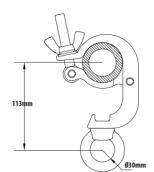
KCP-838-T Silver / KCP-838B-T Black | T-Handle Handcuff Coupler W 0.85kg 200kg

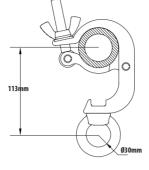




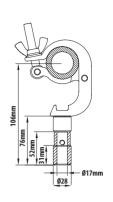












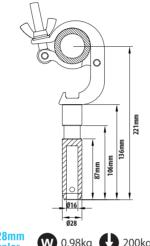
KCP-843 Silver | Handcuff Eye Ring Coupler

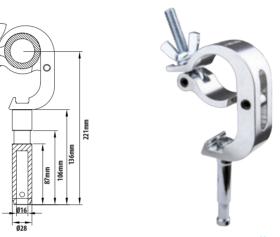


KCP-843 Silver | Handcuff TVMP Coupler











KCP-848 Silver

Handcuff 28mm Spigot Coupler





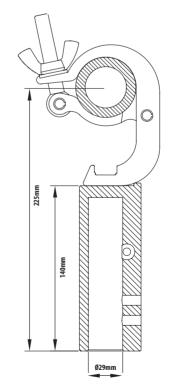
Handcuff 16mm Stud Coupler

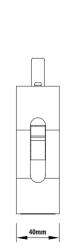












KCP-840 Silver | Handcuff Quick TV Coupler





SLIM HANDCUFF COUPLER

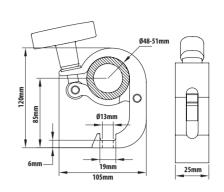
This is the slim profile of handcuff coupler, with the same great features but in just 25mm wide. It comes with M10 bolt and nut. The slim handcuff coupler has been TUV approval and certified with SWL 100kgs

Save time and take less TUV approval with Captive on top of M12 threaded bolt to effort for rigging luminaire. SWL 100kgs. prevent wing nut from falling off in the air. Fabricated of 6061-T6 high tensile aluminum extrusion for greatest durability. Feasible for tube diameter 48-51mm. Available in polished or black finish. Double level's counter sunk for M10 or M12 hex head bolt

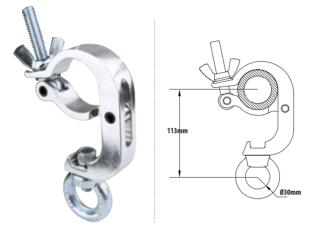


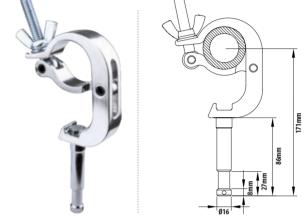






KCP-828-T Silver / KCP-828-T Black | T-Handle Slim Handcuff Coupler W 0.45kg 100kg 100kg 100kg









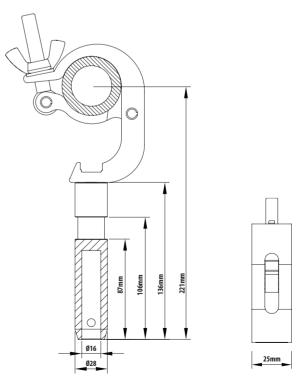
KCP-829 Silver | Slim Handcuff 16mm Stud Coupler 0.48kg 100kg











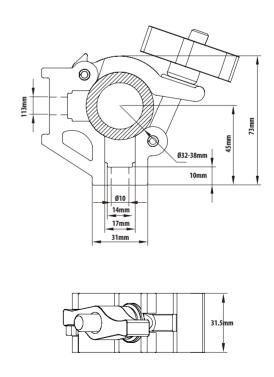
KCP-827 Silver | Slim Handcuff 28mm Spigot Coupler

NUGGET COUPLER

Nugget coupler is designed for 1.25"~1.5"(32 mm to 38 mm) tube system. Aluminum-extruded construction makes it a tiny but sturdy rigging hardware. Sitting area is double level's countersunk for M10 or 3/8 hex bolt. Unique windows for safety wire access through. Hook strut of top opening section limits the open pace that offers assistance to rig, and two fitting bases let it become a multi-function coupler. TUV certified for single coupler and rated SWL 120 kg.







KCP-860 Silver / KCP-860B Black | Nugget Coupler

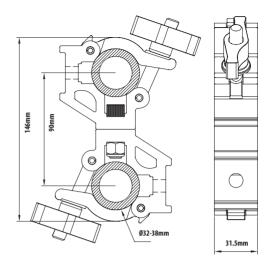










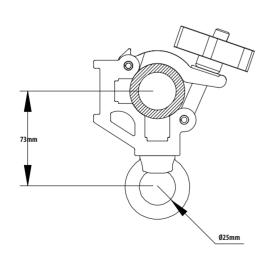


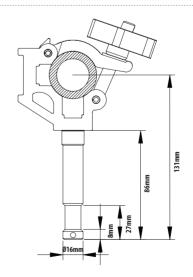
KCP-862 Silver / KCP-862B Black | Nugget Swivel Coupler











KCP-863 Silver | Nugget Eye Ring Coupler 0.36kg 120kg

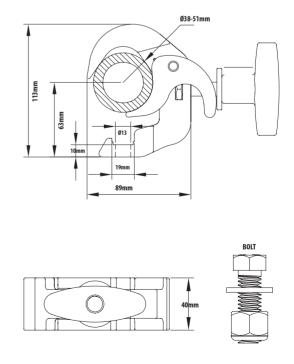
KCP-866 Silver | Nugget 16mm Stud Coupler 0.36kg 100kg

ARCH COUPLER

Arch coupler is constructed from aluminum gravity die casting, featuring a jaw opening for wider range of tube system from 38 mm to 51 mm. The handle of arch coupler is situated in the easily accessible horizontal position, leaving user to fasten the coupler without across the truss brace. Ergonomic big handle protects user's palm from the obstructive bolt. Double countersunk design for alternative usage of M10 or M12 hex bolt. It is TUV certified and rated SWL 150 kg.



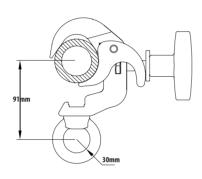




KCP-810 Silver / KCP-810B Black | Arch Coupler







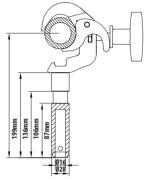










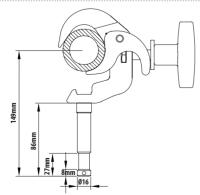


KCP-814 Silver | Arch 28mm Spigot Coupler







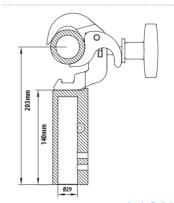


KCP-816 Silver | Arch 16mm Stud Coupler













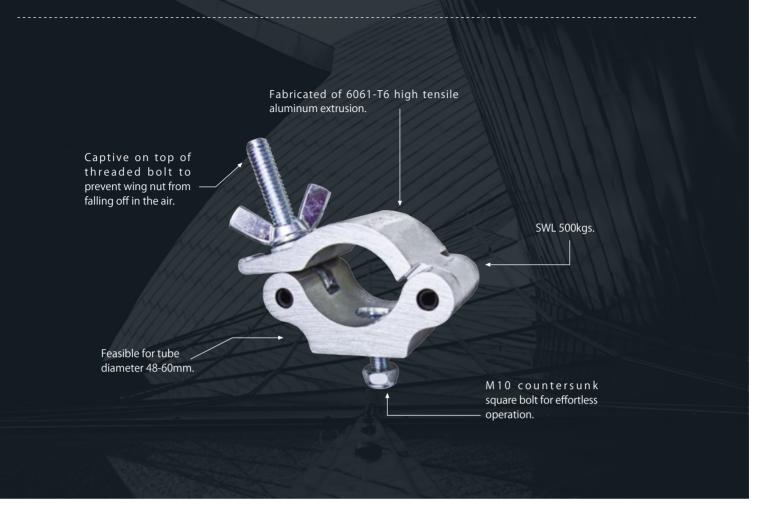
Arch Quick TV Coupler





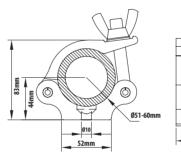
MIGHTY COUPLER

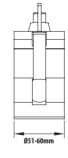
Mighty coupler is constructed from high tensile aluminum alloy extrusion for greatest durability. It is ideal to fit tube diameter up to 60mm.





KCP-851 Silver / KCP-851BBlack | Mighty Coupler







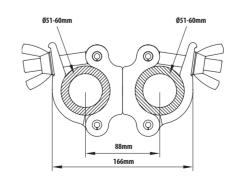


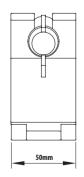






KCP-852 Silver | Mighty Swivel Coupler



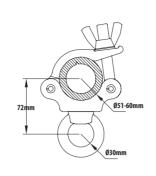


W 1.46kg









KCP-853 Silver | Mighty Eye Ring Coupler



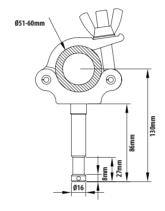




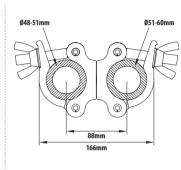












KCP-856 Silver | Mighty 16mm Stud Coupler



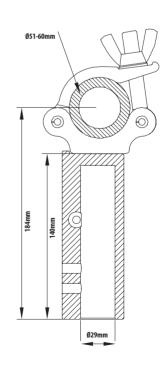


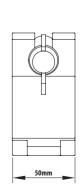
KCP-857 Silver | Mighty Swivel Coupler For 60mm to 48-51mm















SLIM MIGHTY COUPLER

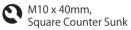
Constructed from high tensile 6061-T6 aluminum and carries the same features as mighty coupler, but comes in just 30mm wide for better rigging utility.

Fabricated of 6061-T6 high tensile aluminum extrusion. Available in polished or black finish. Captive on top of threaded bolt to prevent wing nut from falling off in the air. SWL 300kgs. Feasible for tube diameter 48-60mm. M10 countersunk square bolt for effortless operation.

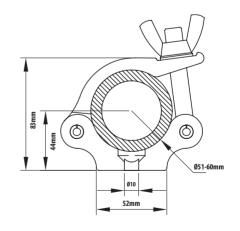
KCP-850 Silver / KCP-850B Black | Slim Type Mighty Coupler © 0.32kg 0.32kg M10 x 40mm, Square Counter Sunk









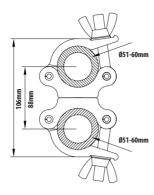




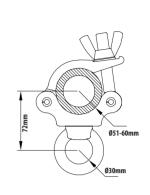




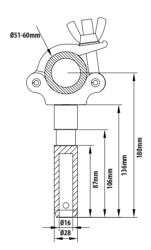




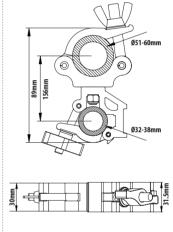










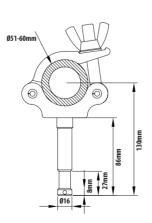


KCP-864 Silver | Slim Type Mighty 28mm Spigot Coupler W 0.83kg 200kg

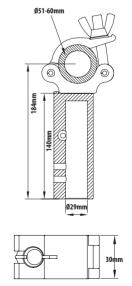


KCP-869 Silver | Slim Type Mighty 0.62kg 120kg Swivel Coupler For 60mm to 1.25"-1.5"









KCP-867 Silver | Slim Type Mighty 0.47kg 100kg

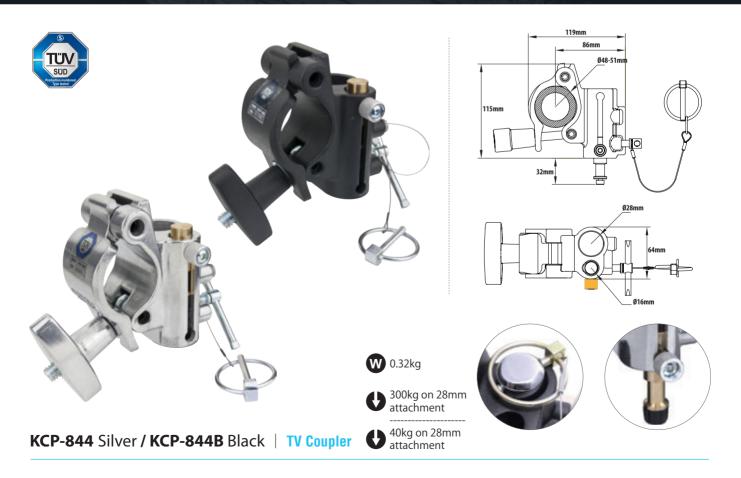


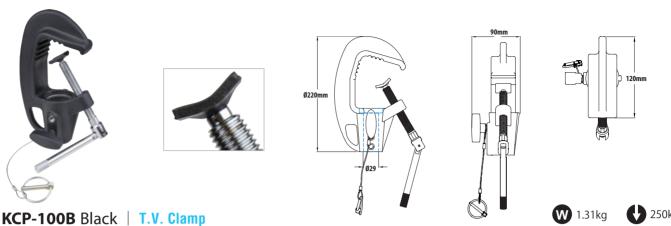


TV COUPLER

TV Coupler is made to hook up the lighting equipment for Film, and TV/Studio. It comes with a 16mm and a 28mm spigot receivers, plus a movable 16mm stud for maximum utility. The "safety linchpin" activates as security device allowing the luminaire keeps rotating but free from drop-off before the luminaire is tightened up by knob. TUV certified with SWL 300kg rated.



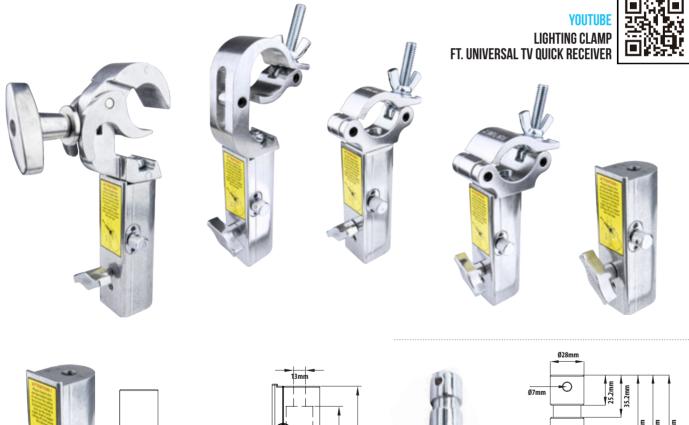




The KCP-100 T.V. Clamp is a heavy duty casting C clamp and supplied with a Tommy bar to improve grip. It terminates in a 28 mm(1-1/8") junior receiver. Collar ring on bushing for supplied safety hitch pin to pass through fixture spigot. There is a dedicated aperture in clamp body for attaching safety cable. This clamp works for diameter 22-54 mm round tube with load capacity 100 kgs. It is ideal to hang all types of luminaries in T.V. studio and theaters.

LIGHTING CLAMP FT. UNIVERSAL TV QUICK RECEIVER for 28mm spigot

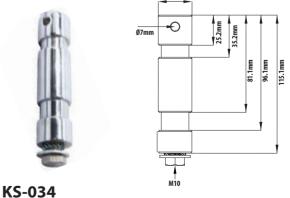
Universal Quick Receiver is designed for accommodating diameter 28mm DIN and EURO spigot, which most of TV or studio lighting luminaires are equipped. Spring latch activates immediately while the spigot gets in, and several turnings with knob cements the safety further. This quick receiver can be used with diverse lighting clamps for grid or truss diameter from 2"to 60mm, and ideal for TV studios, theatres and entertainment venues.



KS-089 Silver | Universal Tv Quick Receiver 100kg

PULL





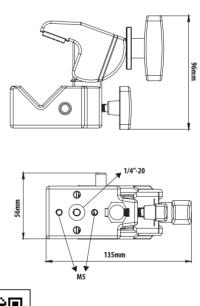
Solid steel 28 mm TV spigot tapped for M10 screw with washer.

CONVICLAMP

The Convi clamp, is made of lightweight cast alloy, can be securely mounted on any tube from 5 to 51mm and equipped with a saddle for mounting on to flat surfaces. The elastic P.U. pad also reduces surface damage and enhances gripping action. All metal parts are made of stainless steel for sturdier and anti-rusted features. The die-casting aluminum of locking knob provides with most rugged advantage. With built-in female socket allows the use of any attachments to hold anything from backgrounds to lighting fixtures. The spring safety locking system also offers double insurance while the screw locking action is not completely finished.

Made of die-casting aluminum alloy; lightweight yet robust. TUV certified with Solid aluminum rated SWL 20kg. knob for greatest comfort grip. Feasible for tube dia. 5-51mm or flat material (when use with saddle mount). Receiver for wide ranges of 16mm (907) SWI 201 attachment; spring locking keeps the attachment secured before the knob tightened up. Stainless steel parts ensure rust-free and durable.







YOUTUBE **KUPO CONVI CLAMP SYSTEM (KCP-700 & KCP-710)**

KCP-700 Silver / KCP-700B Black | Convi Clamp

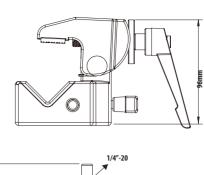


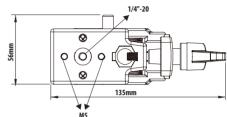












KCP-710 Silver / KCP-710B Black | Convi Clamp w/ Racheted Handle



Assembled by two Convi Clamps provides a 90 degree angle and perfect for supporting a crossbar for background on kupoles.







KD-730 Convi Clamp Double Socket-Silver KD-730B Convi Clamp Double Socket-Black Offer an additional 5/8" (16 mm) socket to Convi



KS-019 Swivel Extension Arm w/5/8" Receiver

KCP-720 Silver / KCP-720B Black | Double Convi Clamp



KCP-7SDL Convi Clamp Saddle

Allow to use the clamp on most flat Surface such as a table without a tool. Set for four.



clamp.

KS-018 5/8" (16 mm) Stud w/M10 thread.



KS-004 M12 x 60 Stud.



KS-005 M10 x 25 Stud.

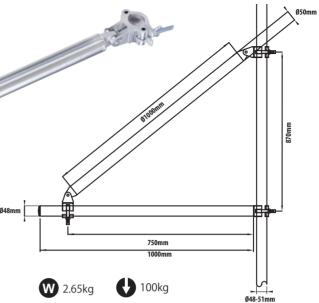


SUPPORT ARM COUPLER

Support arm coupler is made with two articulating joints, making it flexible for most mounting need. It holds vertical and horizontal tubes firmly, offering stable support to each other and eliminating the movement. Ideal for rigging a heavy luminaire or object from truss where a supportive device is needed.



KCP-804SA | Support Arm Coupler







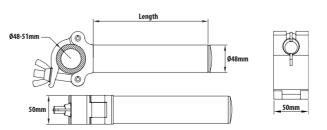
ARM COUPLER

Arm coupler is firmly welded with 48mm aluminum alloy tube, creating an extension and flexible rigging point for lighting fixture. Feasible for tube diameter 48-51mm, and available in polished and black finish.



KCP-801 Silver / KCP-801B Black KCP-802 Silver / KCP-802B Black KCP-803 Silver / KCP-803B Black KCP-804 Silver / KCP-804B Black

Product Code	Length	Weight	Safe working load
KCP-801	250mm	0.85kg	80kg
KCP-801B	250mm	0.85kg	80kg
KCP-802	500mm	1.20kg	40kg
KCP-802B	500mm	1.20kg	40kg
KCP-803	750mm	1.55kg	37kg
KCP-803B	750mm	1.55kg	37kg
KCP-804	1000mm	1.90kg	25kg
KCP-804B	1000mm	1.90kg	25kg





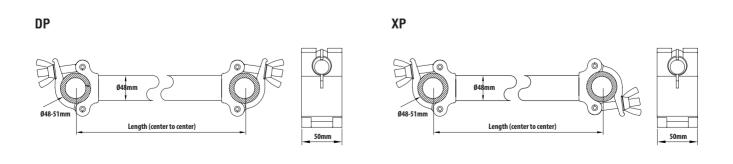
Pipe-to-pipe coupler offers a firm connection between two parallel tubes, and also for 90 degree crossover tubes. Feasible for tube diameter 48-51mm, and available in polished and black finish.





Product Code	Length	Weight	Safe working load	Color	Туре
KCP-801-DP	250mm	1.25kg	200kg	Silver	
KCP-801-DB	250mm	1.25kg	200kg	Black	
KCP-802-DP	500mm	1.60kg	200kg	Silver	Dorollol
KCP-802-DB	500mm	1.60kg	200kg	Black	Parallel
KCP-804-DP	1000mm	2.30kg	200kg	Silver	
KCP-804-DB	1000mm	2.30kg	200kg	Black	

Product Code	Length	Weight	Safe working load	Color	Type
KCP-801-XP	250mm	1.25kg	200kg	Silver	
KCP-801-XB	250mm	1.25kg	200kg	Black	
KCP-802-XP	500mm	1.60kg	200kg	Silver	0,,,,,
KCP-802-XB	500mm	1.60kg	200kg	Black	Cross
KCP-804-XP	1000mm	2.30kg	200kg	Silver	
KCP-804-XB	1000mm	2.30kg	200kg	Black	



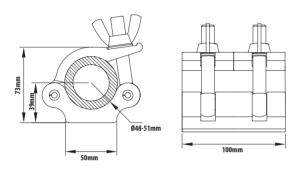


Tube / Barrel joiner is made for providing quick connection for two tubes together end to end.



Moving light bracket is feasible with Martin moving lights. It is equipped with two 1/4 turn fasteners. The central hole fits M12 or 1/2" bolt.

BARREL JOINER KCP-847 Silver **W** 0.96kg 300kg



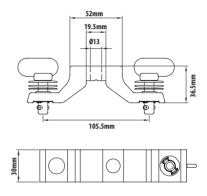
MOVING LIGHT BRACKET







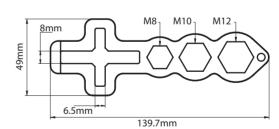
75kg



WS-140 WINGNUT MULTI-SPANNER

Constructed by carbon steel and engineered for rigging demand, this smart gadget offers you the maximum versatility with greatest durability. Fabricated for M8, M10 and M12 with cross holders for wingnut and setscrews and built to meet the most common needs in the professional rigging industry. Palm-size and extremely lightweight. Spring hook for attaching the tool to your belt makes this must-have multi spanner easy storage and transportation.















Key features included:

- 3 x Hex Bolt - 2 x WingNut
- 2 x SetScrew
- 1 x Key Chain
- 1 x Bottle Opener
- 1 x Flat Screw Driver

DISPLAY COUPLER 🍆

Display couplers are built to provide convenient settlement of marketing material for trade fairs, where 2" tube truss is commonly accommodated but lack of ideal accessories to use with. Display Couplers are just made to satisfy such demand.

Fabricated of burger coupler for 2" tube system. It is featuring light weight and sturdy profile, covering up wide ranges of trade show's demand, quick settlement and less tool required. It also helps your booth up with refreshing looks in chic and stylish design.



KCP-901-PC | Panel Clamp

- For gripping material up to 0.8mm thickness, rendering a handy and easily fixing method for holding materials.
- For gripping material up to 0.8mm thickness.





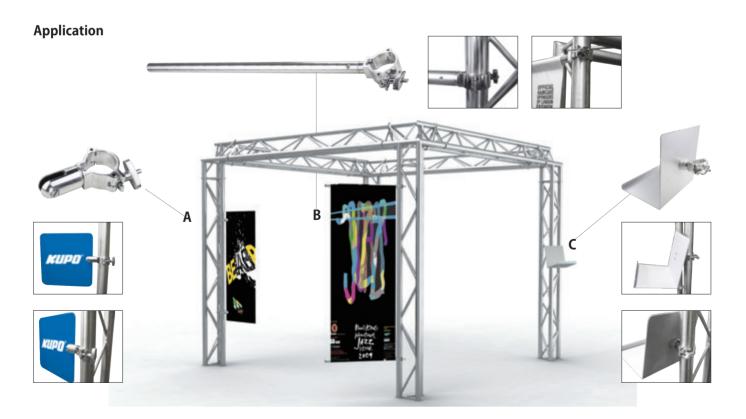
C | KCP-901-CH | Catalogue holder

- Combined with L-shape rack, turning this to be a robust and portable catalogue shelf on the go. 25cm (W) x 20cm (D) x 25cm (H).
- With book shelf (25cm / W x 20cm / D x25cm / H).



B | KCP-901-PH | Poster Hanger

- With tool-free combination of dia. 25mm banner rod (length 61cm) and hex screw, poster can be conveniently demonstrated. Rig the poster anywhere 2" tube is available.
- With dia.2.5mm banner rod (rod length 61cm).



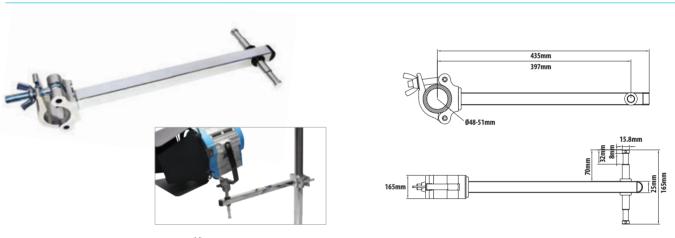
SIDE ARMS

Side arm provides a convenient rigging position for the luminaire to attach on the truss or pipe. One side is assembled with a classic aluminum alloy coupler and the other is the fitted with 16mm stud, or 16mm receiver, or 28mm receiver. Chrome-plated and robust square extension pole for the greatest durability.



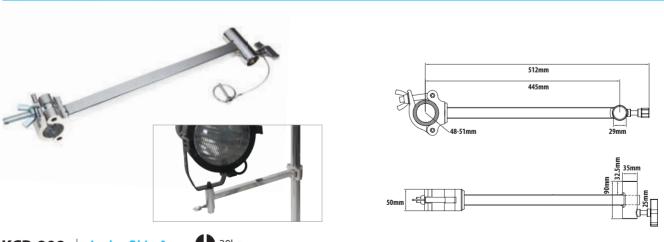
KCP-806 | Side Arm with Baby Pin / Receiver 10kg

The same function as KCP-808 but specially design for tube size from 31mm (1.25") to 38mm (1.50"). For example, it can fit into C-stand tube size 35 mm (1.4"). With the welding adapters included one baby pin and baby receiver, it offers the flexibility of connecting the small lighting fixture with the baby pin and other accessories with the baby receiver.



KCP-808 | Baby Side Arm \$\cdot\ 20kg

Baby side arm with heavy duty coupler fits on diameters from 40-52mm tube with total length 380mm and double baby pins. This enables you to position a light head or grip head at a lower position or mounts an additional light without the need for another stand.

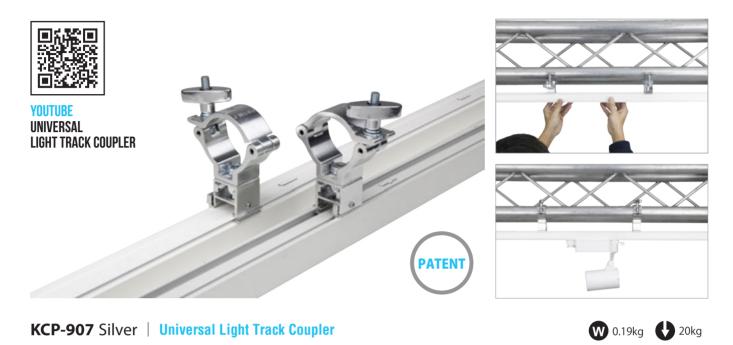


A heavy duty couplers with 380mm side arm and junior receiver which allow offsetting or adding a large light fixture on a stand either over or under way (a safety linchpin is attached).



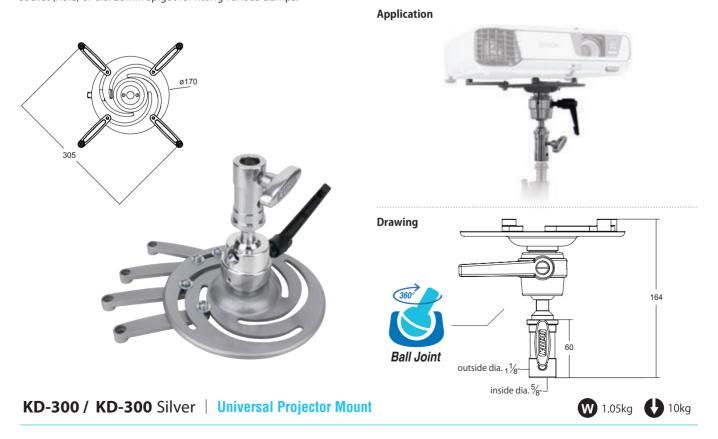
UNIVERSAL LIGHT TRACK COUPLER

A neat solution for attaching 3-phase (3 circuits) or DALI lighting track on 2" (51mm) pipe, tube or truss. This patented clamp is constructed of classic burger coupler with aluminum alloy, making it sturdy yet compact and lightweight. Quick set-up and flexible with adjustment. Feasible for 3-phase lighting track including ERCO, EUTRAC, ZUMBETOL and GLOBAL TRAC.



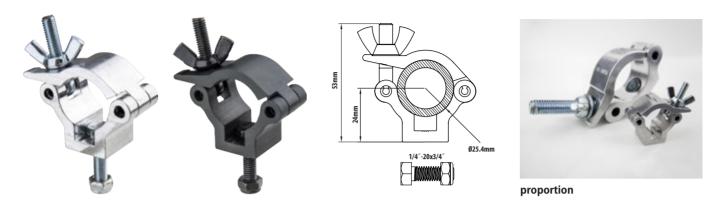
UNIVERSAL PROJECTOR MOUNT

Literally user-friendly and like no others. This versatile and one-of-a-kind projector mount is fabricated with ball joint, providing totally 360 degree movement for fine positioning, and saving you much working time. Ratchet handle gives a positive and firm lock to fasten. The base is slotted with vortex pattern for maximum flexibility of accommodating diverse brands of projectors. Bi-functional top can be used as dia. 16mm socket (hole) or dia. 28mm spigot for fitting various clamps.



MINI COUPLER

Constructed of 6061 extruded aluminum alloy, this mini coupler is designed for dia. 1" (25.4mm) tube. Feasible for lightweight fixture for shop display, gallery and museum. Comes with bolt and nylon-insert nut, and available in polished and black finish.



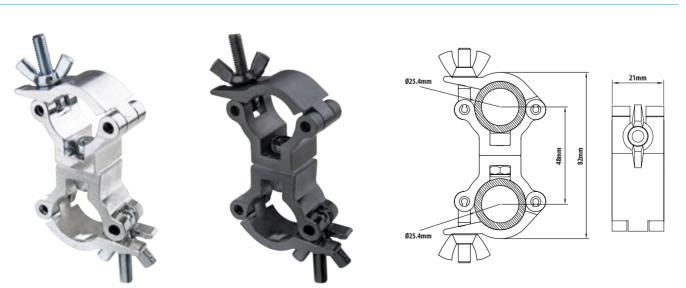
KCP-811 Silver / KCP-811B Black | Mini Coupler for Tube 1" (25.4mm)







KCP-812 Silver / KCP-812B Black | Mini Eye Ring Coupler

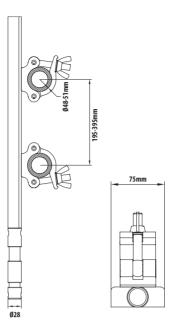


KCP-815 Silver / KCP-815B Black | Mini Swivel Coupler



W 0.10kg 100kg





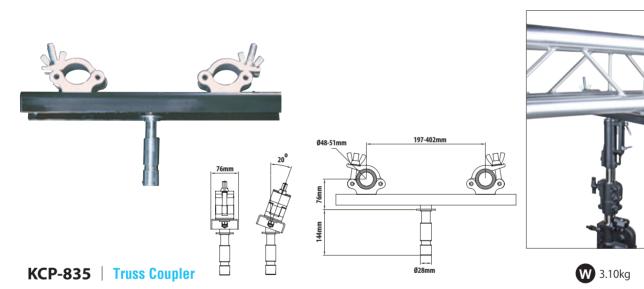


KCP-835V | Ladder Truss Coupler

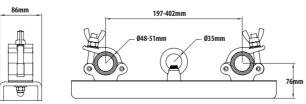




1 200kg









KCP-835L | Lifting Truss Couple

W 5.0kg

1 500kg **2** M16



Kupo telescopic hanger family features a quick release clamp allowing to quickly and securely suspend a lighting fixture or other equipments overhead for unobstructed floor area. Constructed by quality steel with superior chromed plated surface treatment for lasting durability. Stirrup head is on the end of telescopic hanger designed for those lighting fixtures with clamps mounted on the head directly. Universal adapter is also available on the hanger for those lighting fixtures with junior pin securely mounted on telescopic hangers. Safety pins for both versions are equipped to prevent the riser from slipping. A full range of telescopic hanger are supplied from length 3 to 10 feet (91.4 cm - 304.8 cm) to meet all industrial requirements.





YOUTUBE **TELESCOPIC HANGERS**

PATENTED

Quick Release Clamp Allowing to Quickly and Securely Suspend a Lighting Fixture Overhead for Unobstructed Floor Area.



Stirrup head

KTHS-0306 Short telescopic hangers with stirrup head

182.8cm 6 feet

5.3kg 11.7lbs

KTHS-0408 Medium telescopic hangers with stirrup head

246.8cm 8 feet

6kg 13.2lbs

KTHS-0510 Long telescopic hangers with stirrup head

304.8cm 10 feet



Universal head

KTHU-0306 Short telescopic hangers with universal headhead

91.4cm 3 feet

182.00 6 feet 182.8cm

• Baby pin (16 mm spigot) max load: 10 kg / Junior receiver (28 mm socket) max load: 40 kg

Linch Pin is attached with safety wire.

KTHU-0408 Medium telescopic hangers with universal head

121.9cm

246.8cm 8 feet

• Baby pin (16 mm spigot) max load: 10 kg / Junior receiver (28 mm socket) max load: 40 kg

• Linch Pin is attached with safety wire.

KTHU-0510 Long telescopic hanger with universal head

10 feet



• Baby pin (16 mm spigot) max load: 10 kg Junior receiver (28 mm socket) max load: 40 kg

• Linch Pin is attached with safety wire.



Quick action clamp for rigging on tube size Dia. 25-55 mm.



Push to lock.



Press to release.



Safety pin.







KCP-817 | Quick Action Pipe Clamp

Kupo Quick Action Pipe Clamp is built by heavy-duty gravity casting designed for rigging on pipe with diameters from 25mm (0.9") – 55mm (2.1"). Features an unique quick action locking device which allows to tighten or loose the knob just in a snap. The telescopic column is available for hanging lighting fixture by penetrating any piple with max dia. 35mm in horizontal or vertical dirction. The 28mm (1-1/8") stud can be also locked up for directly hanging a lighting fixture or any gear comes with a 28mm (1-1/8") stud. Loading Weight: 50 KG (110 LBS) / Weight: 1.1 KG (2.43 LBS)

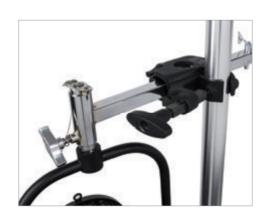




KCP-818 | Adjustable Baby Side Arm

Designed for offsetting lighting fixture or accessories with a twin baby (16 mm) pins from a stand. Features an adjustable quick release coupler makes mount on the tube size from 25 ~50 mm and position anywhere along the 15" (380 mm) length quick and easy. Weight: 2.1 kg (4.62 lbs)





KCP-819 Adjustable Junior Side Arm

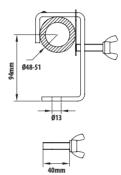
Designed for offsetting a boom arm or large lighting fixture from a heavy duty stand. Features an adjustable quick release coupler makes mount on the tube size from 25 ~50 mm and position anywhere along the 16.1" (410 mm) length quick and easy. Weight: 2.1 kg(4.62 lbs)

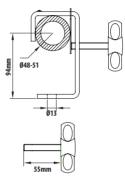


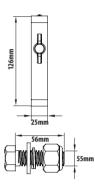
C-02 is industrial standard hook clamp made of 6 mm x 25 mm rolled steel with protective tab for positive rigging to 48-51 mm barrel or truss without damaging the tube. Standard finish is Galvanized or black powder coating.

C-02N-P C-02BN C-02TN-P C-02TBN





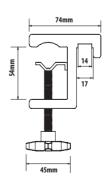




Product Code	Knob	Weight	Safe working load	M12 Bolt & Nylon nut	Protective tab	Color
C-02 / C-02B	Wing Bolt	0.39kg	40kg	-	Yes	Silver / Black
C-02N / C-02BN	Wing Bolt	0.39kg	40kg	Yes	-	Silver / Black
C-02T / C-02TB	T-Handle	0.41kg	40kg	-	-	Silver / Black
C-02TN / C-02TBN	T-Handle	0.41kg	40kg	Yes	-	Silver / Black
C-02-P / C-02B-P	Wing Bolt	0.39kg	40kg	-	-	Silver / Black
C-02N-P / C-02BN-P	Wing Bolt	0.39kg	40kg	Yes	Yes	Silver / Black
C-02T-P / C-02TB-P	T-Handle	0.41kg	40kg	-	Yes	Silver / Black
C-02TN-P / C-02TBN-P	T-Handle	0.41kg	40kg	Yes	Yes	Silver / Black







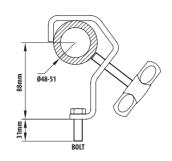
C-10W White / C-10B Black | TINY CLAMP

W 0.17kg

Lever sunk: 14&17 mm

C-10 tiny clamp is made for tube \emptyset 12-36 mm and square plate thickness 10-45 mm. The double level countersunk accepts M10 and 3/8 bolts. It can accommodate optional 16 mm socket (KS-062), and turn to be a tiny fixing point for photographic lighting fixtures.





STEEL HOOK CLAMP

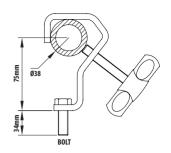
C-03 Black

W 0.43kg

3/8"-16

C-03 is heavy duty G clamp of 6mm x 32mm rolled steel. T handle pipe bolt offers an easy grip on standard 2" (51 mm) tube or sqaure pipe. The clamp is supplied with welded yoke bolt and wing nut. Standard finish in black.





STEEL HOOK CLAMP FOR 1.5" TUBE

C-03S Black

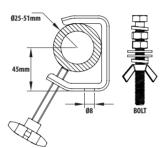
W 0.30kg

40kg

3/8"-16

C-03S is the miniature size of standard C-03 clmap to fit tube 1.5".





STEEL HOOK CLAMP

C-04 Black

W 0.19kg

10kg

M8 x 75mm

C-04 steel G clamp is suitable for securing Pin spot or D.J. effect lighting on 25-50 mm tube. Standard finish in black.







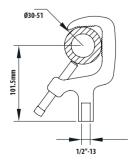
ALUMINUM EXTRUSION CLAMP

C-08 Silver / C-08B Black

W 0.38kg

275kg

1/2"-13



The C-08 clamp is made from high tensile extruded aluminum. It is light weight and strong hanging hardware for conventional fixture. The interior teeth of clamp are designed to grip the tube from 1-1/4" to 2" tube. With 1/2"-13 yoke bolt and washer. Black Anodized finish.

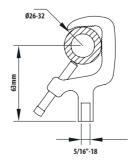
MINI ALUMINUM EXTRUSION CLAMP

C-09 Silver / C-09B Black

W 0.09kg

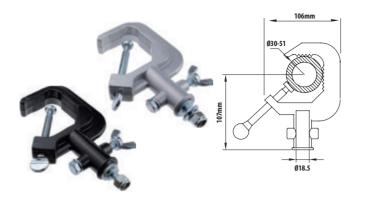
55kg

5/16"-18

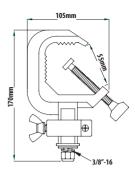


C-09 clamp is same profile as C-08 but with miniature size. It is ideal for hanging fixture like Par16 birdie or LED fixture on to a tube from 1" to 1-1/4" tube. with 5/16"-18 yoke bolt and washer.









ALUMINUM ALLOY HOOK CLAMP

C-05 Silver / C-05B Black

W 0.45kg

40kg

3/8"-16

Light weight aluminum die casting hook clamp comes with a dia.17mm spigot (Dabo) with 3/8"-16 bolt for fixture yoke. Intend for rigging Par can and lightweight fixtures. A wing bolt allows no tool loosen to do pan adjustment quick and safely. The pipe bolt is built with truss protector to avoid possible truss damage. It is designed for finger tight only and overhanging is not suggested.

QUICK RELEASE ALUMINUM ALLOY HOOK CLAMP

C-05OP Silver

W 0.48kg

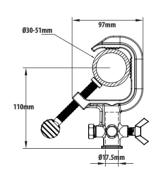
40kg

3/8"-16

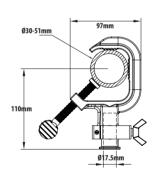
The same as C-05 hook clamp but with a spring release collar to lock spigot automatically and push to release quickly.

Same features with C-05 clamp but made with iron casting material for heavier duty and durability. Fit tube diameter 30-51mm. Standard finish in black. C-01QP comes with quick locking latch for holding the spigot (DABO) automatically and releaseing without too much effort.









STEEL IRON CASTING CLAMP

C-01 Black

W 0.64kg





3/8″-16

STEEL IRON CASTING CLAMP

C-01QB Black

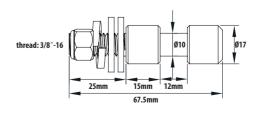
W 0.64kg



3/8″-16

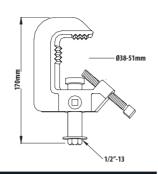
KS-013

Ø 17mm spigot(Dabo) with washer & lock nut for C-05 & C-01 family.









HEAVY DUTY IRON CASTING CLAMP

C-06





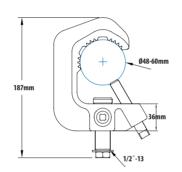
100kg

The old C clamp or pipe clamp is designed for most hanging applications. Intend for use from 1-1/2" to 2"O.D. iron pipe in theater. 2-1/2"long steel shaft with 1/2"-13 yoke bolt and wash. A square head pan set screw allows you to rotate the fixture. Comes in black powder coat finish.

Note:

when using c-clamps care must be taken. Do not over-tight the pipe bolt which affixes the clamp to the batten. If this bolt is over-tighten, it can easily dimple or "drill" into the batten seriously compromising the strength of the batten. A finger tight plus half turn with the wrench is all that required.





MEGA IRON CASTING CLAMP

C-06L



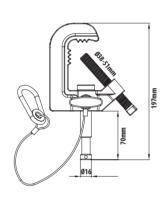
W 1.25kg



100kg

Coming with 2"-1/2 steel shaft and 1/2"-13 bolt and washer, this clamp is designed to fit up to dia. 60mm pipe for theatre and hanging installation. Made of iron casting. Classic and heavy duty.





BABY PIPE CLAMP

C-16

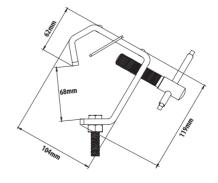


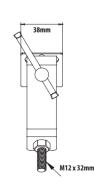
100kg

It is identical old C clamp but terminated with 16mm baby stud. The collar on the top of baby pin keeps it safe for pan adjustment of luminaries while the knob of clamp is loosened. The safety wire is also built with the clamp to ensure this essential safety aid is always on hand.









C-12 Silver /C-12B Black | Heavy Duty Steelg Clamp





M12 x 32mm

C-12 is made of 8mm x 38mm rolled steel with protective tab. A Tommy bar is included to provide a better leverage to tighten the pipe. It is ideal for hanging big lighting fixture like moving head and scanner. Fits tube size Dia. 40-60mm. It is supplied with a welded M12 yoke bolt and nut. Standard finish in galvanized.



STEEL CLAMP

This clamp is made of 6mm(T) x 25mm(W) rolled steel. The aluminum gravity die-cast block is equipped for protection the tube from the damage from bolt, as well as provides positive rigging to fit 48-51mm tubes. Tommy bar is included for an easier and better tighten-up. M12 bolt and nut comes as standard. Galvanized finish, and other color or spec to be specified.



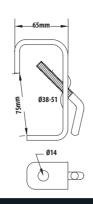
C-07 DOUBLE HOOK CLAMP

C-07 steel double hook clamp family is made of the same material as C-02 hook clamp but with double ended parallel hook to accept 48-51mm tube. It is suitable for connecting and suspending a lighting bar and ladder truss beneath an existing rigs and setups. Galvanized is standard finish, black is available to specify.

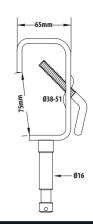


Product Code	Length	Weight	Safe working load	Color	
C-07B / C-07BB	132mm	0.52kg	40kg	Silver / Black	
C-07C / C-07CB	297mm	0.69kg	40kg	Silver / Black	
C-07D / C-07DB	597mm	1.05kg	40kg	Silver / Black	









STAGE CLAMP WITH 14 MM HOLE

KCP-702







KCP-703

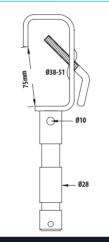




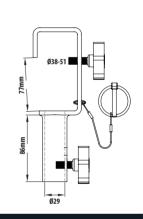
50kg

STAGE CLAMP WITH 16MM STUD









STAGE CLAMP WITH 28 MM STUD

KCP-704



W 1.03kg



50kg

STAGE CLAMP WITH 29 MM SOCKET

KCP-705



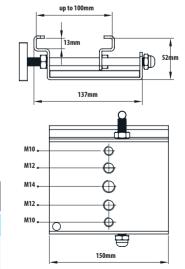


Fabricated with rugged steel, tent clamp is designed for rigging the equipment with ease to a tent or canopy structure. Adjustable to fit a wide range of span from 50 to 110mm. With 1 x M14, 2 x M12, 2 x M10 threaded fixing hole on the bottom plate for greater utility. Max. SWL 150kgs on central M14 fixing hole. Finish available with silver painting or black painting.









TENT CLAMP

C-14SP Silver / C-14BP Black





150kg | for central M14 fixing hole

Kupo wind-up stands are constructed by chrome plated steel with geared column that enable a single operator to raise and lower heavy loads safely with just turn of a handle. Both risers extend simultaneously at one elevation of 4.4cm by per handle turn. The unique automatic self-locking mechanism is equipped to prevent the light stand from dropping unexpectedly making the operation safer.

PATENTED

THE SAFETY PIN WILL AUTO INSERT TO THE HOLEY TUBE WHEN WIND-UP.

FEATURES OF WIND-UP STAND



LOCK POSTION The safety pin will auto insert to the holey tube when wind-up.



The stand top mounted by a steel bolt through the top tube that offers most back. sturdy and solid assembly.



UNLOCK POSITION The inside spring will bring the safety pin



The crank handle folds back for travel. It also can be placed in between tripod legs to prevent the risers from falling accidentally if the lock is unexpectedly disengaged.



The tension of brake shoe can be adjusted for better cable with Allen wrench.



Velcro is supplied management.



Top section tube can be adjusted by stepping on foot step.



By using the leveling leg the stand can be quickly leveled on uneven terrain.



Bright color warming sticker for safety operation.



Casters are optional for easily moving the stand. The stand foot is rugged zinc-casting. Dia.: 100mm with brake and M10 attachment. A set is for three (KC-100).



483-BP Base Plate Optional accessory to be used where the stand has to be secured to the floor for safety reason.

Compatible with stand models: 481, 482, 483T and 470. (set of three)







483T 3 SCT Wind-Up Stand w/Auto Self-Locking Device Silver

3 sections. Dia.: 55mm, 45mm, 38mm. Leg dia.: 30mm.

2 risers extend simultaneously at one elevation of 4.4cm per handle turn. Safety cable ensures simultaneous retrieval of all sections. Chrome plated steel stand w/geared column. With 1 leveling leg.



























28mm receiver



KC-100 CASTER FOR 483T STAND Dia.: 100mm w/brakes and M10 attachment (17.5mm length) Set for three



w/Auto Self-Locking Device Black 3 sections. Dia.: 55mm, 45mm, 38mm. Leg dia.: 30mm. 2 risers extend simultaneously at one elevation of 4.4cm per handle turn.

Safety cable ensures simultaneous retrieval of all sections.

Powder coated steel stand w/geared column. With 1 leveling leg.

h 380cm 149.7" 128cm KC-100 67.9" 66.1lbs 50.2lbs 50.4" (Optional) 16mm stud



KC-100 CASTER FOR 483BT STAND Dia.: 100mm w/brakes and M10 attachment (17.5mm length) Set for three



470 Followspot Stand

1 riser, 2 sections. Dia.: 50mm, 40mm Leg dia.: 30mm With 1 leveling leg Chrome plated centre post Memory collar



147cm 57.9″



7.58kg 16.7lbs



110cm 43.3"











KC-100 CASTER FOR 470 STAND Dia.: 100mm w/brakes and M10 attachment (17.5mm length) Set for three



481 2 SCT Wind-Up Followspot Stand

1 riser, 2 sections. Elevation: 2.2cm per handle turn Dia.: 55mm, 45mm Leg dia.: 30mm With 1 leveling leg Auto Self-Locking device Chrome plated steel with geared column





















KC-100 CASTER FOR 481 STAND Dia.: 100mm w/brakes and M10 attachment (17.5mm length) Set for three





482T 2 SCT Wind-Up Stand

1 riser, 2 sections. Elevation: 2.2cm per handle turn Dia.: 55mm, 45mm Leg dia.: 30mm With 1 leveling leg Auto Self-Locking device Chrome plated steel with geared column





















3 sections. Dia.: 55mm, 45mm, 38mm Leg dia.: 30mm

2 risers extend simultaneously at one elevation of 4.4cm per handle turn. Safety cable ensures simultaneous retrieval of all sections. Chrome plated steel stand w/ geared column. With 1 leveling leg.



























28mm receiver (Optional) 16mm stud



KC-100 CASTER FOR 482T STAND Dia.: 100mm w/brakes and M10 attachment (17.5mm length) Set for three



KC-100 CASTER FOR 483SH STAND Dia.: 100mm w/brakes and M10 attachment (17.5mm length) Set for three



OPTIONAL ACCESSORIES



KS-080 FOR 470 STAND Ball Race M10 stud

KS-082 FOR 470 STAND Ball Race M12 stud.



KS-040 FOR 470 STAND

28 mm Pin w/M10 thread & Dia.12cm plate.

KS-042 FOR 470 STAND

28 mm Pin w/M12 thread & Dia.12cm plate.

HEADERS & T-BAR





KS-055 | Junior Multi Header

Constructed by solid steel square tube with 100cm (40") length and anti-reflection black coating. Five junior receivers are well-welded for maximum five lighting fixtures. Attached with a junior stud (28 mm) for universal stand top or any mounting accessories coming with junior socket. Max loading weight is 50KG but please note that when load on one side only, max loading weight would be 15 KG.





KS-056 | 6X Lantern T-Bar

1420 mm(55.9") long solid steel square tube attached with solid steel 28mm spigot. Six butterfly nuts are equipped on the bar for maximum mounting six lighting fixtures. Max loading weight is 12 KG but please note that when load on one side only, max loading weight would be 6 KG.





KS-066 | Baby Triple Header

Five baby studs with embossed neck well-welded on the sturdy steel offset for mounting five lights. The central adapter with unique design that can be mounted on the stand top of baby stud (16mm) or fitting into a junior receiver(28mm).







226MB Master Combo HD Stand Black

2 risers, 3 sections. Dia.: 40mm, 35mm, 30mm Leg dia.: 22mm with 1 leveling leg Spring cushioned Powder coated steel

























2 risers, 3 sections.

Leg dia.: 22mm with 1 leveling leg

Spring cushioned

Chrome plated steel

Dia.: 40mm, 35mm, 30mm





226M Master Combo HD Stand Silver





KC-080R 28mm receiver (Optional) 16mm stud



KC-080R CASTER FOR 226MB STAND Dia. 80 mm w/brake, Set for three.



KC-080R CASTER FOR 226M STAND Dia. 80 mm w/brake, Set for three.

LIGHTING STAND



473B 483T Max. Height 380 cm Ø128 cm

473B Tall Stand Black

2 risers, 3sections. Dia.: 35mm, 30mm, 25mm, Leg dia.: 22mm With 1 leveling leg Powder coated steel Smaller footprint better for tighter space. Light weight for easier transportation.



380cm

149.5cm 58.9"

5cm 11.5kg

102cm 40.2"

25kg

28mm receiver 16mm stud



355-A2819 19mm adaptor is supplied with stand.





355-A2816 16mm adaptor is optional. May stand alone with legs folded.





355 Universal Floor Stand (with 19mm Socket receiver)

356 Universal Floor Stand (with 16mm Socket receiver)

Low profile, lightweight compact folding floor stand. Constructed of anodized aluminum legs and central column. With die-casting legs mount. Design for a 28 mm spigot, a 19 mm spigot with supplied adaptor. Optional adaptor for 16 mm is available.

35.1cm 12.4"

13cm

1.07kg

60cm

101

10kg 22lbs **T**

28mm receiver



484 Heavy Duty Wind-Up Stand with Braked Caster

3 sections., Dia.: 70mm, 60mm, 50mm

Leg dia.: 35mm

2 risers extend simultaneously at one elevation of 4.4cm per handle turn.

Top 2 sections: Chrome plated steel Center tube & legs: Stainless steel

With 1 leveling leg

With Auto Self-Locking Device

With Braked Caster

















PATENTED

THE SAFETY PIN WILL AUTO INSERT TO THE HOLEY TUBE WHEN WIND-UP.

FEATURES OF HEAVY DUTY WIND-UP STANDS:



28mm socket with 3 side holes for wind bracing kit.



Auto Self-Locking Device stops unexpected drop-off, and makes operation safer.



Solid and strong handle with slip-free design offer excellent operation.



Larger foot step with skidproof texture design.



U-shaped struts are made of stainless steel for extra stability and safety.



KC-150R industry 6" braked caster with angle adjustable plate allows 484 to stably stand on the ground when the caster is removed.





485 Heavy Duty Wind Up Low Base stand w/ Braked Caster

3 sections., Dia.: 70mm, 60mm, 50mm

Leg dia.: 35mm

2 risers extend simultaneously at one elevation of 4.4cm per handle turn.

Top 2 sections: Chrome plated steel Center tube & legs: Stainless steel

With 1 leveling leg

With Auto Self-Locking Device

With Braked Caster

156cm 5

270cm 106"

140.5cm 34kg 55.31′ 4.8 lb 130cm 51.20"

5

80kg 176.3lb

T

28mm receiver



Sandbag is an indispensable safety measure on any set to ensure that stands don't tip over and damage expensive equipment and cause injury, resulting in expensive downtime. Kupo sandbag features a saddlebag design that is ideally suited to drape over stand legs and boom arms. It ships empty so that you can fill it with your choice of weighty material translating to much lower shipping costs. Double velcro design also ensures no sands leaking out of the bags. There's a convenient handle with rubber cover on top for easy repositioning and an eyelet and spring lock equipped for attaching to boom hooks.



KSD-1680S

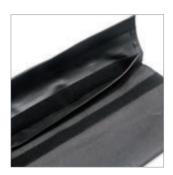
Dimension: 30 cm (12") X 22 cm (8.5") X 5 cm (2") Construction: Reinforced double Ply Nylon Maximum loaded weight: 13.2 lbs/ 6 kg



Dimension: 45 cm (17.5") X 22 cm (8.5") X 5 cm (2") Construction: Reinforced double Ply Nylon Maximum loaded weight: 24.2 lbs/ 11 kg



New handle with rubber cover for better grip.



Double Velcro ensures no sands leaking out of the bags.







Features



New spring lock is equipped on the sand bag for easy mounting to the stand as a counterweight.



Two regular 600ml bottled water can be put into the side pouch of sand bag.

KSD-1680C

Dimension: 36 cm (14") X 33 cm (13") X 6 cm (2") Construction: Reinforced double Ply Nylon Maximum loaded weight: 35 lbs/ 15 kg

Sand Bag with 35 lbs (15 kg) loading weight is available, but the features are without double velcro and spring lock.





The new solid construction shot bag with non-slip strap deign allows to weight down light stands by just wrapping around the stand base. The premium shot bag also offers a variety of use including offset a boom arm, wrap around tripod or light stand bases, or hang midway on a stand handle to offset the weight of something. The 2mm steel balls are pre-filled and sealed up with the bag which makes it dense weight and never leak. The compact size design also makes the shot bag easy to carry, pack and do the job perfect.



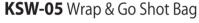
Weight on the label for easy identification.



Non-slip strap keeps bag from slipping off.



On the lightweight aluminum stand.



Maximum load weight: 2.28kg (5lbs)



KUPO WRAP & GO SHOT BAG

KSW-10 Wrap & Go Shot Bag

Maximum load weight: 4.55kg (10lbs)



On the Grip Arm.





Kupo Shot Bags are made of 1000 denier black cordex textured Nylon with a water resistant polyurethane coating on the inside. 2mm steel ball are encapsulated in poly inner bag and sealed up with the bag which makes it dense weight and never leak. Two wings design allows to drape perfectly over light stand legs. Weight: 6.8KG (15LBS)





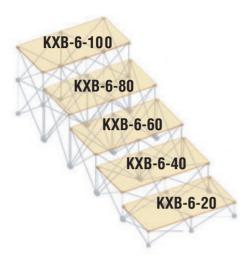


Loading weight is on the blue label for easy identification.



KSF-15 Shot Bag 15 Lbs

KUPO X-Bone is an ideal solution for needs on the move, featuring light weight, compact and durable. The patent structure makes it easy to fold and unfold in minutes, and aluminum alloy makes it light but sturdy for frequent usage. Six different size of length leaves versatile appearances and applications.











Features:

- (1) made of high intensity aluminum alloy (6061), enduring deformation and load for $4.8 \sim 5.0$ tons /square meter.
- (2) compact, light weight, easy to build up and break down in around two minutes per set; need less space to archive.
- (3) stylish and slim profile; treated with anodized coating for rust-free.
- (4) different sizes make flexible applications accessible.

Part Number	Description	Color	Weight (kg)
KXB-6-20	20cm Height X-bone Brace; Accessory kit optional Fold: 11.5(L) X 7.5(W) X 58(H) cm, Unfold: 120(L) X 60(W) X 20(H) cm	Silver	2.1
KXB-6-40	40cm Height X-bone Brace; Accessory kit optional Fold: 11.5(L) X 7.5(W) X 68(H) cm, Unfold: 120(L) X 60(W) X 40(H) cm	Silver	2.9
KXB-6-60	60cm Height X-bone Brace; Accessory kit optional Fold: 11.5(L) X 7.5(W) X 81(H) cm, Unfold: 120(L) X 60(W) X 60(H) cm	Silver	3.5
KXB-6-80	80cm Height X-bone Brace; Accessory kit optional Fold: 11.5(L) X 7.5(W) X 96.5(H) cm, Unfold: 120(L) X 60(W) X 80(H) cm	Silver	4.7
KXB-6-100	100cm Height X-bone Brace; Accessory kit optional Fold: 11.5(L) X 7.5(W) X 148(H) cm, Unfold: 120(L) X 60(W) X 100(H) cm	Silver	5.1
KXB-6-FP	Plastic Foot Pad 🍿 🔝		
KXB-6-AK	Accessory Kit		







POWER SOLUTION INDEX

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POWERFIT 400AMP Connectors

PowerFit connectors are well fabricated and compatible with major brands of single-pole power connector. The invented patent key releasing pin, particularly embedded on each line source and panel source, delivers great safety and convenience without additional tool while uncoupling.

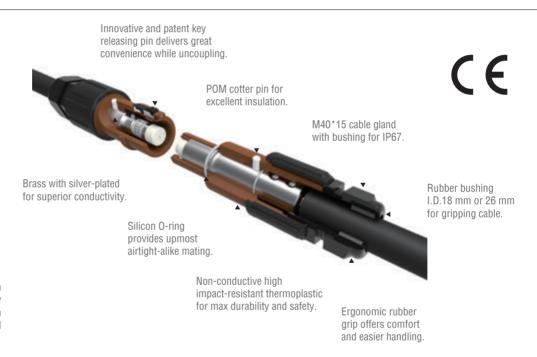
PowerFit is made in high standards. Full series employ high impact and temperature resistance thermoplastic, with flame retardant compound. Ergonomic rubber hand grip on each line connector provides the great comfort to the utility. The M40 cable gland comes standard and while connectors mated, it becomes IP67 rated. Unsurpassed pushing button design makes the handling of coupling and uncoupling easier. Respective phase and line information is clearly marked on the connectors for easy identification. The contact is made of brass with silver plated, providing excellent conductivity. Cotter pin is made of POM featuring great insulation, high stiffness, low friction and absorbent.



YOUTUBE
POWERFIT 400A SINGLE POLE
POWER CONNECTOR



Innovative push-to-release design makes the uncoupling handy without additional Tool. This can be dismantled through small slotted screwdriver if needed.





M40 cable gland comes with two rubber sleeves (I.D. 18mm and 26mm) for the greatest flexibility with fitting the cable.



Comfort handling with superior & ergonomic rubber grip.



R120 reduction sleeve made of brass with silver plated for accommodating up to dia. 16.50mm wire.



R120 reduction sleeve made of brass with silver plated for accommodating up to dia. 16.50mm wire.

Technical Information

- Current Rating: 400A continuous with 120mmsq cable.
- Withstanding Voltage: 1000Vac.
- Test Voltage: 4500Vac.
- Short Circuit Rating: Up to 35.5kA.
- Insulation Resistance: >5000 M Ohms at 500Vac.
- Contact Resistance: 0.1m Ohms.
- IP rating while mated: IP67.
- Contact Material: Brass with silver plated.
- Housing Material: High Impact Resistant Thermoplastic.
- Cotter Pin Material: POM.
- Working Temperature:
- 45 to 85 Degree C / Contact Type: Set Screw.
- Set Screw Torque on Brass Contact: 10.5 N/meter (minimum required).
- Mating Cycle: 500 / Flammability: UL94-V0.
- CE and RoHS compliant.

IN-LINE TYPE

General Information:

- Ergonomic hand grip assists easier handling.
- Color coded and mechanically keyed to prevent mating errors.
- Contacts fitted with a plastic end cap to prevent accidental touching of live parts.
- IP 2X finger protection against electric shock.
- M40 cable gland is supplied with two rubber bushings, 18mm (I.D.) and 26m (I.D.), for gripping cables up to 19-28mm diameter.
- R120 Reduction Sleeve, 16.50mm (I.D.) x 32mm(L), is included as standard for cable diameter 120mmsq; other size of sleeve is available upon request.



- · With a male contact, mating with Line Drain or Panel Drain.
- · Secondary spring pin engages with a slot of source connector to prevent the connector from being uncoupled.
- · Shorter POM cotter pin is equipped.



Line Source



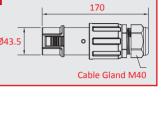
Line Source



Line Source



Line Source





Line Source



- · With a female contact, mating with Line Source or Panel Source.
- · Innovative patent key-release pin for easy uncoupling without additional tool.
- · Longer POM cotter pin is equipped



LINE 1 **Line Drain**



LINE 2 **Line Drain**



LINE 3 **Line Drain**



NEUTRAL Line Drain



EARTH Line Drain

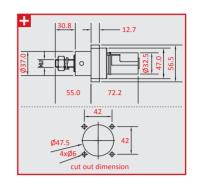
POWERFIT PART NUMBE	R REFERENCE				
Part Number	Туре	Key Position	Color	Contact	Cable Gland Clamping
PFLS-1BN-S120M40A	Line Source	Line 1	Brown	Set Screw 120 mmsq	M40 / 19-28 mm
PFLS-2BK-S120M40A	Line Source	Line 2	Black	Set Screw 120 mmsq	M40 / 19-28 mm
PFLS-3GY-S120M40A	Line Source	Line 3	Gray	Set Screw 120 mmsq	M40 / 19-28 mm
PFLS-NBL-S120M40A	Line Source	Neutral	Blue	Set Screw 120 mmsq	M40 / 19-28 mm
PFLS-EGN-S120M40A	Line Source	Earth	Green	Set Screw 120 mmsq	M40 / 19-28 mm
PFLD-1BN-S120M40A	Line Drain	Line 1	Brown	Set Screw 120 mmsq	M40 / 19-28 mm
PFLD-2BK-S120M40A	Line Drain	Line 2	Black	Set Screw 120 mmsq	M40 / 19-28 mm
PFLD-3GY-S120M40A	Line Drain	Line 3	Gray	Set Screw 120 mmsq	M40 / 19-28 mm
PFLD-NBL-S120M40A	Line Drain	Neutral	Blue	Set Screw 120 mmsq	M40 / 19-28 mm
PFLD-EGN-S120M40A	Line Drain	Earth	Green	Set Screw 120 mmsq	M40 / 19-28 mm

A Never reuse cotter pin; reusing cotter pin might expose the operation to electrical danger

PANEL TYPE

General Information:

- With a male contact, mates with Line Drain.
- Supplied with M12 threaded post with brass nut and spring washer for cable attachment.
- Color coded and mechanically keyed to prevent mating errors.
- Contacts fitted with a plastic end cap to prevent accidental touching of live parts.
- IP 2X finger protection against electric shock.
- 4 x dia. 5.5mm fixing holes on the flange.



PANEL SOURCE

- · With a male contact, mating with Line Drain.
- · Innovative patent key-release pin for easy uncoupling without additional tool.



LINE 1
Panel Source



LINE 2
Panel Source



LINE 3
Panel Source



NEUTRAL Panel Source



EARTH
Panel Source



- $\boldsymbol{\cdot}$ With a female contact, mating with Line Source.
- · Secondary spring pin engages with a slot of source connector to prevent the connector from being uncoupled.



LINE 1
Panel Drain



LINE 2
Panel Drain



LINE 3
Panel Drain



NEUTRAL Panel Drain



EARTH Panel Drain

POWERFIT PART NUMB	ER REFERENCE			
Part Number	Туре	Key Position	Color	Thread & Nut
PFPS-1BN	Panel Source	Line 1	Brown	M12
PFPS-2BK	Panel Source	Line 2	Black	M12
PFPS-3GY	Panel Source	Line 3	Gray	M12
PFPS-NBL	Panel Source	Neutral	Blue	M12
PFPS-EGN	Panel Source	Earth	Green	M12
PFPD-1BN	Panel Drain	Line 1	Brown	M12
PFPD-2BK	Panel Drain	Line 2	Black	M12
PFPD-3GY	Panel Drain	Line 3	Gray	M12
PFPD-NBL	Panel Drain	Neutral	Blue	M12
PFPD-EGN	Panel Drain	Earth	Green	M12

A Never reuse cotter pin; reusing cotter pin might expose the operation to electrical danger



K-LOK Single Pole Connector

Kupo manufactures the highest quality single pole connectors available. Kupo cam-type connector has a superior non-conductive retaining screw that passed through the entire contact for superior durability. These single pole connectors have been designed with ease of assembly and disassembly in mind, no special tools are required. K-LOK series connectors mate with competitive CAM products.

TECHNICAL INFORMATION					
Voltage Rating	600V Maximum	Contact Material	Brass		
Amperage Rating	400A Maximum	Terminal Accommodation	#6, #4, #2, 2/0, 4/0		
Base Compound	Santoprene 105 °C rated	Retaining Pin Material	POM		



YOUTUBE K-LOK 400A SINGLE POLE **CONNECTOR**



Wide range cable access form 0.33" to 1"







To fit smaller sizes of cable, the brass contact can be made with two smaller dimensions of cable-accessing hole upon request as following:

- 1. Dia. 16.90 mm (Large hole; standard K-LOK)
- 2. Dia. 14.60 mm (Medium hole; upon request)
- 3. Dia. 10.40 mm (Small hole; upon request)



LINE MALE



LINE FEMALE



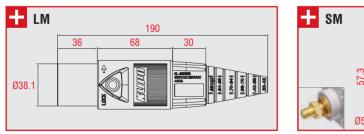
RECEPTACLE MALE-THREAD STUD TYPE

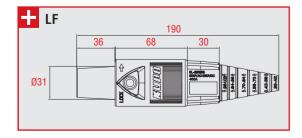


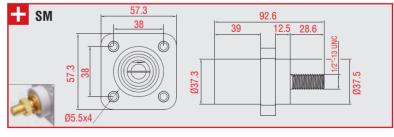
RECEPTACLE FEMALE-THREAD STUD TYPE

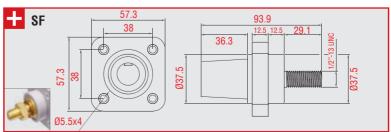


DRAWINGS









RECEPTACLE MALE-DOUBLE SET SCREW TYPE











KL-400SSMBK

KL-400SSMR

KL-400SSMB

KL-400SSMW

KL-400SSMG

RECEPTACLE FEMALE-DOUBLE SET SCREW TYPE











KL-400SSFBK

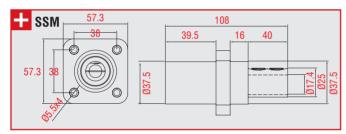
KL-400SSFR

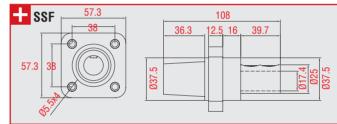
KL-400SSFB

KL-400SSFW

KL-400SSFG

DRAWINGS 🎞





K-LOK Dust Cover



Weatherproof snap back protective cover to fit all compatible brands of 400A cam type receptacles. Standard frame dimension allows retrofit existing application easily. The gasket offers a NEMA 3R rated environmental seal that provides a protection against falling rain, dust or frost, and also provides a safe way to cover exposed metal, while keeping the weather out when the receptacle is not used. Kupo Dust Cover is made from a high impact resistant, flame retardant ABS material and corrosion resistant stainless steel hardware. Five colors available for phase identification.

FOR 400A















KL-DCBK

KL-DCR

KL-DCB

KL-DCW

KL-DCG

KL-DCBN

KL-DCGY

FOR 150A















KL-DCBK2

KL-DCR2

KL-DCB2

KL-DCW2

KL-DCG2

KL-DCBN2

KL-DCGY2

400A Single Pole Distribution Block

Power distribution box for 400A single pole connector. Equipped with sturdy PA plastic box, this distro block is durable with most portability. It comes with 1-Male 400A and 6-Female 400A panel mount connector. Dust cover is outfitted on all inlet and outlet offering greatest protection. Available with 7 colors of 400A connectors.



400A SINGLE POLE TAPPING T CONNECTOR

Inline adaptor in form of Male –Female-Female. Consist of Santoprene insulation sleeve and brass contact. Rated for max. 400Amp / 600Volts. Compatible with major brands of cam type connectors. Available with blue, red, black, white and green.



400A SINGLE POLE MOLDED THREE-FER

Inline adaptor in form of Male-Female-Female. Three female output connectors molded with 3 feet 4/O cable to one male input connector. Rated for max. 400Amp / 600Volts. Compatible with major brands of cam type connectors. Available with blue, red, black, white and green.





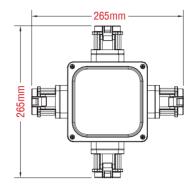
Rubber Cubic Power Distro Box

Made of rubber cubic box featuring sturdy and robust housing. This range of distro boxes are fabricated with cUL-listed 400A K-LOK and 150A K-LOK receptacles, as well as CE-approval 400A PowerFit receptacles. The boxes are made as Three-Fer, one power input and three outlets, for the greatest electric utility. Boxes with K-LOK connectors comes with color-coded duct cover to get the protection again moisture and dust. Available in full electrical color code range in USA and Europe. Fully insulated, flame-retarded and UV resistant.

400A K-LOK Rubber Cubic Power Distro Box







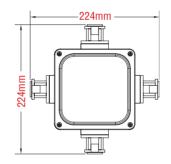


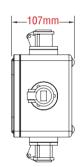
Part Number	Description					
PDB-C1301BK	Black		A -			
PDB-C1301R	Red			2	2	2
PDB-C1301B	Blue	1				
PDB-C1301W	White					(A)
PDB-C1301G	Green				1970	

150A K-LOK Rubber Cubic Power Distro Box





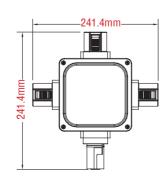


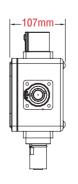


Part Number	Description				
PDB-C1302BK	Black				
PDB-C1302R	Red				
PDB-C1302B	Blue				
PDB-C1302W	White	3 6		0	A
PDB-C1302G	Green				

400A PowerFit Rubber Cubic Power Distro Box







Part Number	Description
PDB-C1303BN	Brown
PDB-C1303BK	Black
PDB-C1303GY	Gray
PDB-C1303B	Blue
PDB-C1303G	Green



K-LOK Single Pole Connector [Mini-Cam]

Mini-Cam is a series of 150 Amp light duty single pole connector in addition to heavy duty 400 Amp ones. Like its heavy duty family members, Mini-Cam is also constructed of Santoprene, possessing a superior performance in insulation. With enhanced features on safety designs and wider range of cable accommodation, Mini-Cam is the ideal and reliable connector for your own job.

TECHNICAL INFORMATION				
Voltage Rating	600V Maximum	Contact Material	Brass	
Amperage Rating	150A Maximum	Terminal Accommodation	#8, #6, #4, #2	
Base Compound	Santoprene 105 °C rated	Retaining Pin Material	POM	

Features

- Cable accommodation from #8 AWG to #2 AWG (for cable outside diameter up to 13.60 mm).
- POM (Polyformaldehyde) ring is two times longer than others for fully encompassing the brass contact for excellent insulation.
- Housing with large ribs for comfort gripping; prolonged body helps user to hold it firmly.
- Two additional longer set screws are supplied for maximum flexibility when smaller cable is used.
- Compatible with other brands of 150A cam-type connector.
- UL/cUL certified.







Boot made of UV-resistant Santoprene, providing excellent protection. Safer and durable.

Cable cut-off identification clearly engraved on the boot.



The tension hole at rear side of split contact retains the contact from too much pressed, so as to prevent the loose mating after several time of uses.



LINE MALE



LINE FEMALE



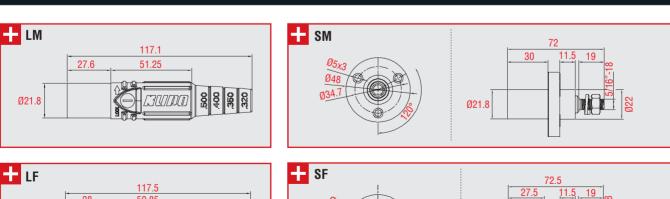
RECEPTACLE MALE-THREAD STUD TYPE

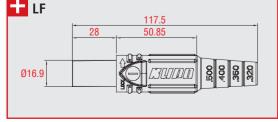


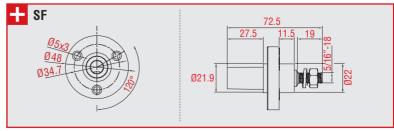
RECEPTACLE FEMALE-THREAD STUD TYPE



DRAWINGS 🎞









PLS 19-Pin Connector Series



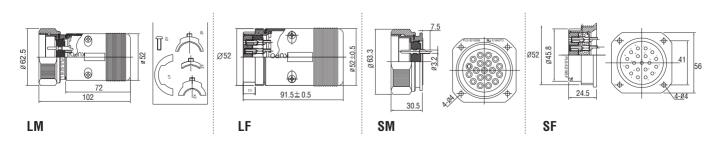
TECHNICAL INFORMATION				
Rated Voltage:	AC 20A 250V	Rated Voltage:	AC 20A 250V	
Operating Limit Voltage:	AC 400V	Operating Limit Voltage:	AC 400V	
Insulation Resistance:	> 2000 M Ohms	Insulation Resistance:	> 2000 M Ohms	
Contact Resistance:	< 3m Ohms	Contact Resistance:	< 3m Ohms	

Features

- Rugged die-casted aluminum alloy shells, with black non-conductive finish, making cable assembly most convenient with two-shell design.
- Hard gold-plated copper alloy machined contact, for both solder and crimp type, ensures the excellent conductibility.
- Non-conductive first grade Bakelite (Neoprene for crimp type) provides great insulation.
- Integral-compressed strain relief handles wide range of cable sizes.
- Extended ground contact at female side ensures "mate first, break last" for safety operation.
- Compatible with Socapex "419" and Veam "VSC" connectors.
- Feasible for PG29 cable gland.
- Crimp contacts are available for purchase separately.
- UL / cUL listed.



DRAWINGS



Optional Accessories



PLS-5219CPM Crimp Male Contact Crimp Female Earth Contact PLS-5219CPFE Crimp Female Contact PLS-5219CPF



Ground disk to buss together the six ground contacts PLS-5219GDSK (solder connectors only).





Strain Relief directly coupling PLS-5219CBGD into thread housing (PG29).



M2250 / 1-01 Crimp Tool.



DC-M

Rubber dust cover with wire for line male connector.



DC-F

Rubber dust cover with wire for line female connector.



MC-M

Metal dust cover with wire for line male connector.



MC-F

Metal dust cover with wire for line female connector.

Cable Grip

Kupo cable grip is designed for PG29 thread 19-pin connectors. It is for cable enclosure to prevent pullout from tension, vibration, flexure or motion. Fabricated of stainless steel wire mesh weaves and aluminum alloy fittings provide easy installation bending control plus corrosion resistance. Grips with knurled texture on the fitting for excellent handling, and neoprene bushing offers watertight and dustproof protection. Support grip is weaved of dia. 1.2 mm stainless steel wire for load capacity 60 kgs.





Part Number	Description
PLS-CG18	Cable grip for 18C x 1.5 mmsq cable (or O.D. 18 mm cable).
PLS-CG21	Cable grip for 18C x 2.5 mmsq cable (or 0.D. 21 mm cable).
PLS-SG21	Support Grip, feasible for O.D. 18-21 mm cable.

WPC 19-Pin Connector Series







WPC-5219SM



WPC-5219LM + FPG-42



WPC-5219SF

Features

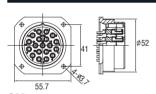
- Mono-piece body is fabricated of rigid die-casted aluminum alloy, offering alternative choice for weather-oriented applications.
- Watertight (IP67) is achieved with a cable gland (FPG-42) affixed to the cable entry point.
- Compatible with Kupo's PLS and WPS series, as well as Socapex 419 and Veam VSC connectors.
- Hard gold-plated copper alloy machined contact, ensures the excellent conductibility.
- Non-conductive first grade Bakelite provides great insulation.
- Extended ground contact at female side ensures "mate first, break last" for safety operation.
- Available in solder type only.
- UL / cUL listed.

c SUS US

WPC Contact Pin Outstanding Feature

- Military grade craftsmanship with precisely-machined fabrication.
- High conductive cooper alloy with 24K gold plated.
- Advanced split design for female contact, with greater mating area and less resistance.

DRAWINGS II



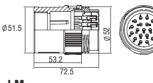
SM



SF



LM



LM





LF

19-Pin Connector Optional Accessory

WPC-5219ST 19 PIN TOOL

The practical tool designed for saving the pain of unscrewed-backshell while mating or unmating monopiece connectors.

- A) Fit to major brand 19 pin monopiece connector.
- B) To avoid accidental unscrew of the backshell while coupling or uncoupling.



Coupling with female inline connector.



Infixed rubber ring protects inline female connector.



Coupling with male inline connector.



Definite indication for operation.

WPC 19-Pin Connector Series

SOLDER TYPE



CRIMP TYPE

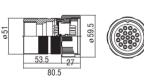


Features

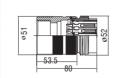
- Machined alloy aluminum with heavy ribbed locking ring provides easy manual operation; mono-piece body for IP67 watertight while assembled with cable gland.
- Inline locking thread are Teflon-coated to make coupling and uncoupling smoother.
- Back shell with hard anodized finish avoids surface scratch.
- Compatible with Kupo PLS and WPC, Socapex 419, and Veam VSC series.
- Hard gold-plated contact in solder and crimp type; extended female ground contact allows "mate first, break last" safety operation.
- FPG-42 (CG-35 cable gland + rubber sleeve) provides waterproof seal at the cable entry point; rubber sleeve is available in three different sizes.
- UL / cUL listed.

SM

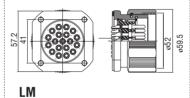
DRAWINGS 🎞















Optional Accessories CG-35 Cable Gland optional with Ø 17, 23, 28.9 mm and break-out changeable rubber sleeve.





SF



Rubber Bushing

 \emptyset 17.1 mm: feasible for 18/1.5 mm 2 cable, or cable's OD up to 17.10 mm Ø 23.00 mm: feasible for 18/2.5 mm 2 cable, or cable's OD up to 23.00 mm Ø 28.9 mm: feasible for cable's OD up to 28.90 mm





WPS-ADP-CLM adapter for use with (1) WPS-52-CLM (2) cable grip thread inside





Dr. Harting / Dr. Soca

YOUTUBE DR.SOCA 19PIN TESTER



Dr. Harting and Dr. Soca are both a bi-function tester, diagnosing wiring on 19pin Soca or Multipole (Letriflex/Harting) extension cable as well as load / lamp status on lighting bar. The LCD reads real-time testing result by pin-to-pin scanning. Any missing or error on each pin, including swap, short or open, will display on LCD screen clearly. Instruction is also laser engraved on main chassis for better understanding.

Press "RUN" button to navigate and command the tester. Simple and easy. Auto sense to switch the mode. Powered by 4 x 1.5V AAA battery or external DC7-24V adaptor. Automatically switching off while idle over 100 seconds to save energy. Equipped with unthreaded 19pin connectors or uncovered Multipole for easily access with extension cable. Dr. Harting and Dr. Soca are built up with sturdy aluminum alloy chassis featuring light weight and compact. They can also be bolted to a work bench without moving, helping up with cable testing while working on cable assembly.





Cable Testing Mode



Lamp/Load Testing Mode



Real-Time Cable Test Result



Real-Time Load Test Result



Roomy slot for hand-carry.



Other than cable tester, it also conduct lamp/load testing.



Bolted to a work bench without movement for better cable testing job.

Part Number	Description
DR-H16	Dr. Harting tester for Multipole (Letriflex) 16pin connector
DR-S19	Dr. Soca tester for Soca 19pin connector

Multipole Connector









Specification

- Number of Contacts: 10, 16 (contact us for more info. of other contacts)
- Rated Voltage: 400V-600V, according to UL, CSA
- Die Electric: 3KV/ 1Min.
- Volume Resistance: 1M/ 0hm
- Temperature Range: -40~ +125 degree C
- Protection Category: KM 06-KM48, IP65 when mated
- Cross Section: 0.5-2.5mm2sq
- Terminal Screws: steel M3 nickel plated
- Protective Cover: KM06-KM24 Nylon 66. V-0; KM32-KM48 Aluminum
- Die-Casting Alloy
- Plug and Socket Insert: glass-fiber reinforced polycarbonate V-0
- Contact Elements: copper alloy
- Contact Surfaces: hard-silver plated
- Earth Connector Part: brass nickel plated
- Locking Levers: steel zinc plated
- Pressing Lock-Nut: nylon 66. V-0
- Gaskets: Neoprene (resistant to oil and aging)
- Hood and Housing: aluminum die-casting alloy



KM10M Plug Insert



KM10F Socket Insert



KM16M Plug Insert



KM16F Socket Insert



KM10H1 (PG16) Hood **KM16H1** (PG21) Hood



KM10H5 (PG16) Hood **KM16H5** (PG21) Hood



KM10U5 (PG16) Hood **KM16U5** (PG21) Hood



KM10U1 (PG16) Hood **KM16U1** (PG21) Hood



KM10 / 16B1 Housing



KM10B2 (PG16) Housing Closed Bottom **KM16B2** (PG21) Housing Closed Bottom



KM10/16BC5



PBA21-1 (PG21) Metal Cable Gland (optional accessory)



KC 7-PIN Motor Cable Connector

Kupo PLS-4207 multiple connectors are often applied to combine chain hoist power and control cable as one. It makes a safe, compact and quick setup rigging. Two rugged die cast aluminum alloy half shells in black non-conductive finish for easy cable assembly. Hard gold plated contacts in soldering version and fully compatible with Socapax SL37 family. The extended female ground contacts allow making first / breaking last.



■ The reinforced locating tab on insert disk and keyway offer a spinning resistance.

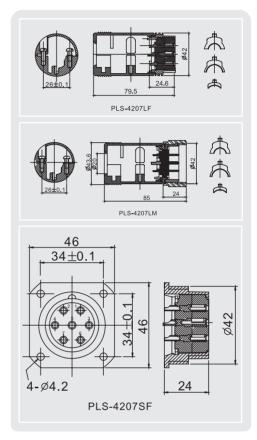


■ Casting shell inside with a body grounding boss guarantees full safety.

The standard line connectors come with 3 different size compression strain reliefs.

RECOMMENDED





PIN-OUT FOR 7PIN MOTOR CONNECTOR:

PINOUT 4 = MOTOR UP 1 = L15 = GROUND 2 = L26 = MOTOR COMMON 3 = L37 = MOTOR DOWN

■ Operating Temperature: -40 + 85°C

■ Touch Tension: 2 kgs ■ Pressure: 1800 Vac / min

■ Terminal Wear: 5000 + Connections

There is no industry standard wiring for chain hoist using 7pin connector. Since mixing gear from different suppliers is a common practice, you should always double check the equipment and not assume the wiring is correct or has been changed. 7-pin connectors carry power and control together and there is a potential for harming the equipment or the operator if the wiring configuration is not confirmed.

Number	Electrical Characteristics	
1	Rated Current/voltage	6 x 25A + 1 x 50A 250V
2	Operation Limit Voltage (Ac. V. Rms)	250
3	Withstanding Voltage (Ac. V. Rms)	2000
4	Insulation Resistance (MΩMin) At Dc 500V	2000
5	Contact Resistance (MΩMin) At Dc 1a	3
6	Number Of Contacts: 7 Contacts	6 x 16AWG + 1 x 12AWG



Head-to-ballast Connector

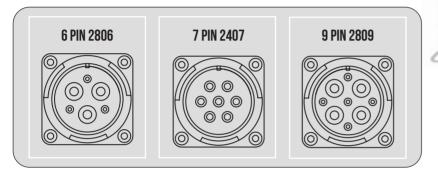
[PROFESSIONAL HB CONNECTOR]

The KUPO HB connectors' range is designed to meet the needs of head to ballast connections. HB series cover the range of power from 575W to 18KW used by Arri.

Features

- Compatible with Veam CIR connectors
- Machined aluminum bodies with ribbed coupling ring to provide easy manual coupling and uncoupling, back-shell with scratch-resistant and black anodized, back-shell and cable clamps to fit different cable O.D., Waterproof to IP67, the grip rubber on locking ring

Contacts Configuration & Key Position Arrangement



We keep all the above models in stock for inline male and female assembly. WPC-2407 series are available in different key position arrangement for various lighting fixtures; WPC-2806 & WPC-2809 series are only for 6K-18K Arri lights.

WPC-2407LM WPC-2806LM WPC-2809LM WPC-2806LF WPC-2809LF **WPC-2407LF**

Cross Reference for Various Brands

BRAND	ARRI	CINEMILLS	STRAND	MOLE	SUNRAY	LTM	DE-SISTI	
575W	2407-W	2407-Z	2407-Z	2407-Z	2407-Z	-	2407-Z	
1200W	2407-W	2407-W	2407-W	2407-W	2407-W	-	2407-W	
2500W	2407-0	2407-0	2407-0	-	2407-0	2407-0	2407-0	
4000W	2407-0							
6000W	2806							
12KW	2809							
18KW	2809							

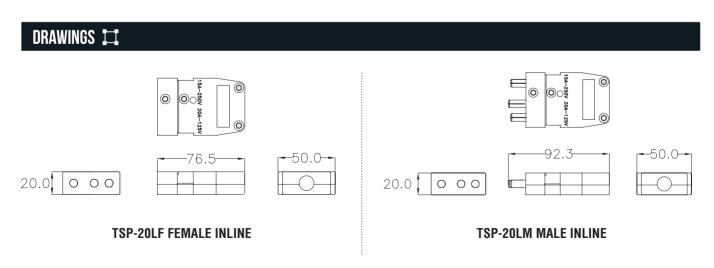


Stage Pin Connector [20 Amp Inline Plugs And Connectors]



Features

- Compatible with all other 20Amp Connectors.
- Connector body is made of high thermoplastic (materal rated at 250 degree C); Free from melt and break down.
- Ergonomic design is comfortable to handle.
- Crimpless pressure terminal reduces the association with ring terminals; Wider wiring chamber for easier to wire.
- Brass pins are removable and can be replace if damaged pins float in housing for easier alignment and low resistance.
- Female sleeves are spilt to make a spring that exerts pressure on the male pin over the life of the device; Even a crushed pin will make contact in female device.
- Clearly marked terminals in accordance NEC to prevent mis-wiring. Cable entry accepts 12/3 hard cable.





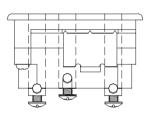
20 Amp Panel Mount Stage Pin Connector



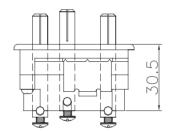
Features

- Both males and females with a screw-driven mounting clip provides and easy mounting or removal from panels of various thickness.
- Precision machined solid brass contacts.
- Stripped conductors could be inserted through the cross-hole for pressure termination using wire shoes, which are included.
- Ring terminations are also available for panel mount devices.
- Self-grounding mounting clip eliminates the need for a separate ground wire.
- Precisely fit the industry standard panel cut-out.

DRAWINGS 🎞







TSP-20SM MALE PANEL MOUNT





Panel Cutout .760 X 2.020 (inch) 16 Gauge, .060 Material

55.3

 \bigcirc \bigcirc \bigcirc \bigcirc

Kupo Stage Pin Lamp Tester

Kupo Stage Pin lamp tester helps to diagnose the bulb continuity before you rig the fixture. While LED indicator fails to response, please check the lamp (bulb) to make sure it is not burned out. If the bulb is good, then there is something wrong with wiring. It has a built-in battery so external power is not required. Plus, it comes with a buzzer and you will not only see but hear authentically the test result.

TSP-20LFTR



Features

- Quickly test for lamp (bulb) continuity or short by plugging into tester.
- Easily to indicate a good lamp while tester is buzzing and green LED lights up.
- Come with a key ring for clipping the tester to tool belt.
- Built-in CR2032 Lithium DC3V battery.

Turn-lok, Nema Locking Connector

TURN-LOK connectors are the choice for quality electrical demand. UL and cUL listed, and also made to comply with NEMA 20A and 30A configuration. It is constructed of sturdy Nylon, PBT (thermoplastic) and premium grade of copper alloy, ensuring the durability and reliability for power connection. Turn-Lok is available in both receptacles and plugs for voltage AC125/250V, and covering up the needs for single and three phase applications.

Features

- Ribbed main body for firm and secure gripping.
- Constructed of PBT (thermoplastic) and Nylon for greater impact-resistance and insulation.
- Screw-type cord grip for maximum tightening force.



- Material: Nylon and PBT (thermoplastic) for line male and female; PBT only for socket receptacle.
- Terminals: 1.8mm Copper alloy for 30A line male/female, 1.6mm copper alloy for 20A line male / female, 1.2mm copper alloy for receptacle.
- Terminal screw: #10 screws bronze.
- Wire accommodation: AWG #12 wire (for 20A connectors) / AWG #10 wire (for 30A connectors).

LOCKING PLUG

Part Number	ATL-520LP	ATL-620LP	ATL-530LP	ATL-630LP	ATL1420LP	ATL-1430LP
Picture				8		
Pin		3	3			4
AMP	2	0	3	30	20	30
Voltage	125	250	125	250	125	/ 250
NEMA	L5-20P	L6-20P	L5-30P	L6-30P	L14-20P	L14-30P

LOCKING RECEPTACLE

Part Number	ATL-520R	ATL-620R	ATL-530R	ATL1420R	ATL-1430R	
Picture						
Pin		3				4
AMP	2	0	3	30	20	30
Voltage	125	250	125	250	125	/ 250
NEMA	L5-20R	L6-20R	L5-30R	L6-30R	L14-20R	L14-30R

LOCKING CORD CONNECTOR

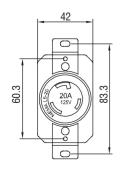
Part Number	ATL-520C	ATL-620C	ATL-530C	ATL-630C	ATL-1420C	ATL-1430C
Picture						
Pin		3	3			4
AMP	2	0	3	0	20	30
Voltage	125 250		125	250	125	/ 250
NEMA	L5-20C	L6-20C	L5-30C	L6-30C	L14-20C	L14-30C

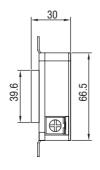
LOCKING CORD CONNECTOR MALE

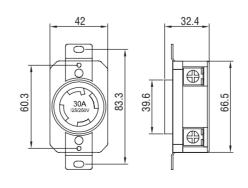
Part Number	ATL-515P	ATL-520P	ATL-615P	ATL-620P	
Picture				la!	
Pin		3	3		
AMP	15	20	15	20	
Voltage	12	25	2	50	
NEMA	5-15P	5-20P	6-15P	6-20P	

LOCKING CORD CONNECTOR FEMALE

Part Number	ATL-515CF	TL-520CF	ATL-615CF	ATL-620CF	
Picture					
Pin		3	}		
AMP	15	20	15	20	
Voltage	12	5	2	50	
NEMA	5-15C	5-20C	6-15C	6-20C	







LOCKING RECEPTACLE DRAWINGS 🎞



Power Connector

B&B stands for Blue lid and Black body, is specially designed for entertainment industry, for 250 voltage rating identification and anti-reflection with matt black finish. That makes the connectors harmonized with the background during a presentation of a production. The professional connector also has CE approval and IP 44 rating to meet the safety standard. It works stably in low and high temperature indoor or outdoor environment; and widely applied to factory, power distribution system, machinery, building site, stage equipments etc.



Item	Amper	Poles	Key Voltage			Dimensi	ons (mm	Cable Size	
110111	7 mipoi	1 0100	no,	(V)		В	C	D	(mmsq)
KHTN013	16	3	6h	230	120	57	15	53.5	1-2.5
KHTN013-4	16	3	4h	110	120	57	15	53.5	1-2.5
KHTN023	32	3	6h	230	150	80.5	22	72	2.5-6
KHTN014	16	4	4h	400	125	67.5	15	61	1-2.5
KHTN024	32	4	6h	400	150	80.5	17	72	2.5-6
KHTN025	32	5	6h	400	155	89.5	17	79.5	2.5-6
KHTN725	32	5	6h	400	155	89.5	22	79.5	2.5-6











KHTN213 B&B

KHTN213-4

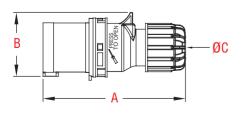
KHTN223

KHTN214

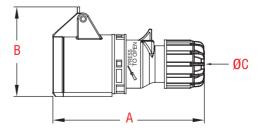
KHTN225

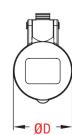
Item	Amper	Poles	Key Voltage			Dimensi	ons (mm	Cable Size		
	7	1 0.00	y	(V) A		В	C	D	(mmsq)	
KHTN213	16	3	6h	230	130	75.6	15	52	1-2.5	
KHTN213-4	16	3	4h	110	130	75.6	15	52	1-2.5	
KHTN223	32	3	6h	230	162	94	22	64.6	2.5-6	
KHTN214	16	4	4h	400	135	83	15	58	1-2.5	
KHTN224	32	4	6h	400	162	94	17	64.6	2.5-6	
KHTN225	32	5	6h	400	163.5	100	17	71	2.5-6	

DRAWINGS







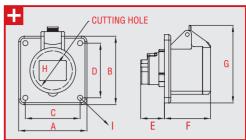












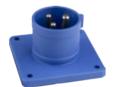
KHTN413 B&B

KHTN423

KHTN415

KHTN414

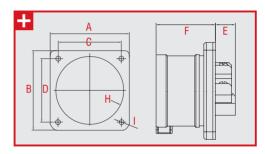
Item	Amp	Poles	Key	Voltage	•			Dimensions (mm)					
110111	7р	1 0100	КОУ	(V)		C / D	E	F	G	Н	- 1		
KHTN413	16	3	6h	230	62	47	25.8	52	85	43	4.5		
KHTN414	16	4	6h	380	75	60	27	52	87	50	4.5		
KHTN415	16	5	6h	380	75	60	27	52	91	56	4.5		
KHTN423	32	3	6h	230	72	60	26.2	52	93	57.5	4.5		
KHTN424	32	4	6h	380	75	60	30	52	87	58	4.5		
KHTN425	32	5	6h	380	72	60	30	63	100	64	4.5		











KHTN613

KHTN623

KHTN624

KHTN625

Item	Amp	Poles	Kev	Key Voltage		Dimensions (mm)					
110111	711111	1 0100	КОУ	(V)	A/B	C / D	E	F	Н	- 1	
KHTN613	16	3	6h	230	75	60	16.5	45.5	64	4.5	
KHTN623	32	3	6h	230	75	60	16.5	54.7	64	4.5	
KHTN624	32	4	6h	380	75	60	16.5	55	64	4.5	
KHTN625	32	5	6h	380	75	60	16.5	55	64	4.5	

Schuko Connector

Schuko is one of industrial standard connector mostly used in Germany and part of Europe. It is widely adopted in entertainment as well. Kupo supplies variation of assembly-type schuko for the need, including stiff housing and rubber encompassed model.









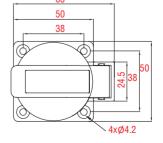


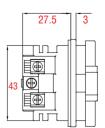
131

Technical Information

Contact: Nickel-plated bronze; 2P+E. Shell: PA66 with flame retarded Rubber (for rubber models only). Protection: IP 44.

Compliance: CE







XLR Connector



XLR3-LM-G XLR 3 pin line male, gold.



XLR3-LF-G XLR 3 pin line female, gold.



XLR3-SM-G XLR 3 pin panel male, gold.



XLR3-SF-G XLR 3 pin panel female, gold.



XLR5-LM-G XLR 5 pin line male, gold.



XLR5-LF-G XLR 5 pin line female, gold.



XLR5-SM-G XLR 5 pin panel male, gold.



XLR5-SF-G XLR 5 pin panel female, gold.



AD-3M5F Adaptor for XLR 3 pin male to 5 pin female.



AD-5M3F Adaptor for XLR 5 pin male to 3 pin female.



AD-5F5F Adaptor for XLR 5 pin female to 5 pin female.



AD-3M5F Adaptor for XLR 3 pin female to 3 pin female.

XLR Water-proof Cover



XLR-WPC [XLR Water Proof Cover]

XLR-WPC is designed to protect XLR connector from wet and dust. See-through transparent PVC body helps check up mating status easily. Feasible for 0.D.4-6 mm cable. IP66.

Black Jelly Sleeve



XLR-BJS [Black Jelly Sleeve]

XLR-BJS is silicon made sleeve for XLR cables with superior protection, especially for those ready-made cables without protection on connector in advance. With this elastic black silicon sleeve, the ordinary cable is prompted with additional shield. IP65 while mated and feasible for 3pin and 5pin XLR.



Powerlead

Powerlead is 20A/250Vac rated single phase AC power connector, featuring twist-and-lock engagement with greatest security. It is UL listed and made with high standard to fulfill the rigorous criteria in the entertainment industry. Ideal for LED fixture as power source. POWERLEAD is compatible with major brand of the likes.



PL-3FCA





PL-3MPA



PL-3FCB







37.8

PI-3MPR



ELECTRICAL

Contact resistance: \leq 3 m Ω / Dielectric strength: 4 kVdc / Insulation resistance: > 0.1 G Ω (after damp heat test IEC 68-2-30) / Rated current per contact: 20 A / Rated voltage: 250 V

MATERIAL

Bushing: Polyamide (PA 6 15% GR) / Contact plating: 4 µm Ag / Contacts: Bronze (CuSn6) Insert: Polyamide (PA 6 30 % GR) / Locking element: Zinc diecast (ZnAl4Cu1) / Shell: Polyamide (PA 6 30 % GR) / Strain relief: POM

MECHANICAL

Cable O.D.: 5 - 15 mm Lifetime: > 1000 mating cycles Wire size: 2.5 mmsq / 14 AWG

ENVIRONMENTAL

Solderability: Complies with IEC 68-2-20 Temperature range: -30 °C to +80 °C

Features

- Non-interchangeable and color-coded, ensuring mistake-proof connection system. Blue for power-in, and grey for power-out.
- Contact with one micro silver-plated for excellent electric conductivity.
- Metal flange on the slot fixity to avoid any fray.
- Reinforced thermoplastic forms the housing for the robust and maximum durability, and UL94V-HB flame-retardant meets safety requirements.
- Ergonomic latch for handy use with less effort and ensure the firm lock .
- T-type thread on inner side of rear cap enhance the rotary tightened for slip free.
- Hexagonal-shaped rear cap for operation with bare hand or a wrench; rubber bushing fits wide range of cable and provides outstanding environment protection.
- UL listed.

PDB-11JB Power Junction Box

The robust chassis is fabricated with high tensile aluminum extrusion with black anodized finish. Mylar film completely wraps around the inner soldering area for best insulation.

Soldered with 2.5mm silicon wire secures higher working current capacity. Assembled with 20A lockable socket, and compatible with original Neutrik Powercon connectors.



Powerlead Linear Power Distro Box

Compact and rugged finish. This streamliner distribution box is made of aluminum alloy extrusion, making it slim yet great toughness character. Designed for the need with max 20A power consumption. Extremely lightweight and takes much less storage space. Built up with cUL-listed turn-n-lock Powerlead connector and compatible with the other brands. Four outputs per each unit.

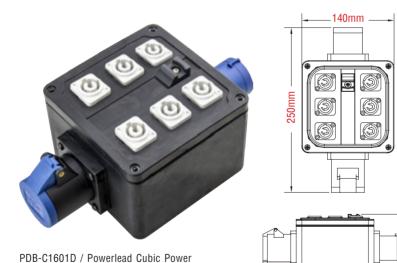




Part Number	Description
PDB-L1401	Powerlead power distro box, 4 outputs, max. 20A

Powerlead Cubic Power Distro Box

Made of rubber cubic box featuring sturdy and robust housing. This range of distro boxes are fabricated with cUL-listed 20A powerlead receptacles, as well as CE-approval 16A or 32A CEE form receptacles. The boxes are made with 6 outlets for the greatest electric utility. Outlet panel is equipped with rubber cap rest so that the CEE form connector cover can hook on it without slip. Fully insulated, flame-retarded and UV resistant.





Rubber cap rest for CEE form connector cap to hook up while connectors are coupling.

Part Number	Description
PDB-C1601	Powerlead power distro box, 6 outputs, max. 16A
PDB-C1602	Powerlead power distro box, 6 outputs, max. 32A
PDB-C1601D	Powerlead power distro box, 6 outputs, max. 16A, with CEE Form 16A output
PDB-C1602D	Powerlead power distro box, 6 outputs, max. 32A, with in/out CEE Form 32A

Distro Box (with CEE Form In & Out)

E-ARMOR [Ethernet Armor]

With growing demand of DMX over Ethernet, Kupo provides its first combination of XLR and Ethernet connector for the entertainment market. Die-cast zinc alloy body makes it robust and durable. Zigzag design houses cable tightly, so cable gland is not required. Easy and quick assembly with pre-wired RJ45 connector without cutting the cable. Available in silver and black. Compatible with EtherCon.





E-ARMOR-1 [Silver]

E-ARMOR-2 [Black]

E-ARMOR [Premium]

All-new E-Armor Premium makes DMX signal connecting over Ethernet cable easiest ever. With increasing adoption of Ethernet cable by audio, LED screen and lighting equipments, conventional RJ45 is not enough to fulfill the diverse applications, particularly when DMX signal have to daisy chain over different devices and might encounter compatibility issue. E-Armor Premium comes to eliminate the inconvenience and bring up most comfort while handling such signal cable set.





E-Armor Premium features rapid removal of front shell, which turns this Ethercon-compatible to RJ45 immediately. No need to dismantle while using it to attach RJ45 outlet. Front shell is made of die-cast aluminum alloy, rigid and free from deformation over frequent handling. RJ45 latch protector ensures latch won't get broken easily in heavy operation.











STANDARD PACKAGE

Plastic Power Box

Electricity is the fundamental element and source to the lights. Stable and reliable distribution of power plays an important role in a successful lighting performance. Kupo's plastic power distribution is constructed of PA material which offers excellent insulation, impact-resistance and flame-retarded features. With in-house bracket structure, it can be diversely attached to the truss or tube with combination of clamps. Other than rigid PA material, this box is also fabricated with quality connectors, and assembled through experienced craftsmanship, which ensures the durability and reliability.



Features

- Dual handle slots allow flexible movement of couplers.
- Central aperture on handle for single coupler provides attachment to truss easily.
- Rectangle and less bulky shape accesses to truss with no efforts.
- Perforation slots for the convenience of CEE and Schuko positioning.
- Black CEE and Schuko meet the low-key and professional requirement.
- Blue lid of CEE connector gives the clear identification of AC/220Vac 16 Amp.
- Embedded screw nut gives great convenience protection while assembling the box by screws.





Embedded screw nut gives protection while assembling the box by screws.



Dual handle slots allow flexible movement of couplers.



Perforation slots for easily positioning.

PDB-P003



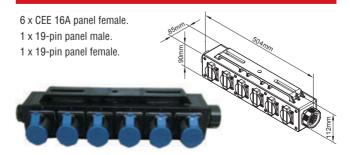
PDB-P003D



PDB-P004

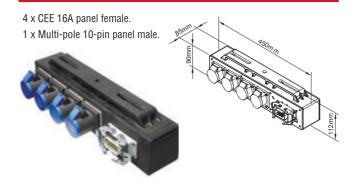


PDB-P004D

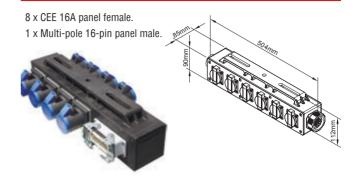




PDB-P005S



PDB-P005

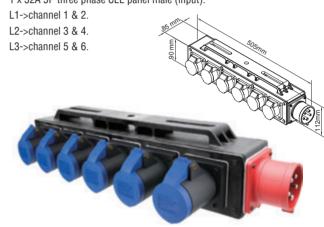


PDB-P003-KDK

6 x Schuko panel female (output). 1 x 32A 5P three phase CEE panel male (input). L1->channel 1 & 2. L2->channel 3 & 4. L3->channel 5 & 6.

PDB-P004-KDK

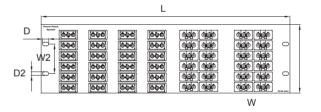
6 x CEE 16A panel female (output). 1 x 32A 5P three phase CEE panel male (input).



HP24 / 24, Hot Patch Panel



L: 480 mm W: 132 mm D: 12 mm D2: 7 mm W2: 57 mm



PC-50 & PC-100 [Patch cord]





- Design to mount to standard 19" rack or cabinet.
- Sturdy metal plate with matt black painting .
- Provided with male & female mounted snap-in sockets.
- Two outputs per dimmer channel, 12 channels for each panel.
- PC-50 (patch cord 50 cm) or PC-100 (patch cord 100 cm) are optional.

Steel Power Box

Kupo power distribution boxes are made of 1.2 mm thickness steel sheet. The internal wiring consists of 1.5 mmsq (16 AWG) silicon cable as standard. The sinking front panel for a better protection of each connector. The standard 2 hanging rings make rigging easier on truss. Each side with an extra clamp hanging hole to fit limited space. The followings are the range of power distribution boxes; other variations of power distribution boxes are available upon request.



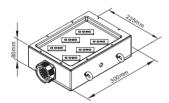
6 x Stage 3-pin panel female **PDB-001** 1 x 19-pin panel male

6 x Stage 3-pin panel female 1 x 19-pin panel male 1 x 19-pin panel female **PDB-001D**

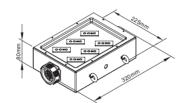


6 x Schuko panel female **PDB-003** 1 x 19-pin panel male

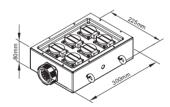
DRAWINGS



T DRAWINGS



T DRAWINGS





PDB-003D

6 x Schuko panel female 1 x 19-pin panel male 1 x 19-pin panel female

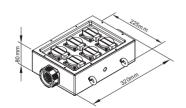


6 x CEE 16A panel female **PDB-004** 1 x 19-pin panel male

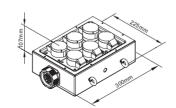


6 x CEE 16A panel female 1 x 19-pin panel male 1 x 19-pin panel female **PDB-004D**

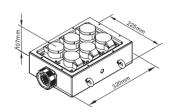
□ DRAWINGS



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DRAWINGS







PDB-005 8 x CEE 16A panel female 1 x Multi- pole 16-pin panel male

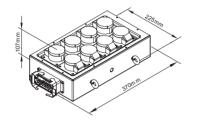


PDB-005D 8 x CEE 16A panel female
1 x Multi- pole 16-pin panel male
1 x Multi- pole 16-pin panel female

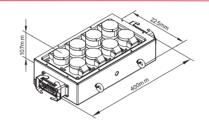


PDB-006 8 x Schuko panel female 1 x Multi- pole 16-pin panel male

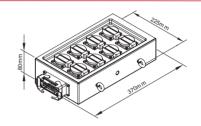
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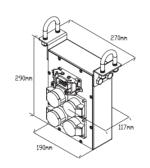
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PDB-CH01



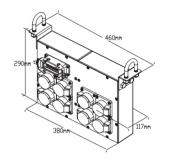
- 4 x CEE 16A panel female
- 1 x Multi-pole 10-pin panel male
- 2 x Hanging bracket for 1.5" tube (bracket for other size of tube is available)



PDB-CH02



- 8 x CEE 16A panel female
- 1 x Multi-pole 16-pin panel male
- 2 x Hanging bracket for 1.5" tube (bracket for other size of tube is available)





CUSTOM DESIGN AVAILABLE

Power Splitter Rubber Box

It is molded of sturdy rubber fully insulated, providing shock, impact, corrosion and weather resistance, and feasible for using with 19-pin, CEE and other connectors. Durable and Portable.Compact size allows truss access and standing foots for floor application. The hooking strut is for firm hook up with CEE protection cap.

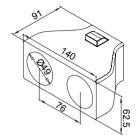
PDB-19PRB









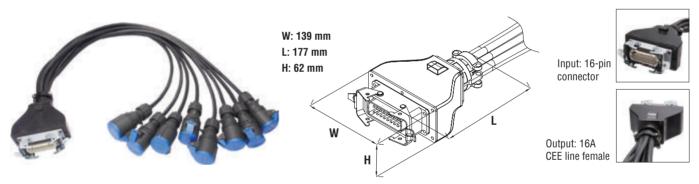


Part Number	Description
PDB-RB	Box (with 12 screws)
PDB-19PRB	Box with 1 x PLS-5219SM and 2 x PLS-5219SF SOCKETS
PDB-16CRB	Box with 1 x 16A CEE MALE and 2 x FEMALE SOCKETS



PDB-16HBK [Splitter Rubber Box]

8 x CEE outlets with 16-pin connector input. Splitter Rubber Box with 8 x 3C, 2.5 mmsq cable 1.2 meters.

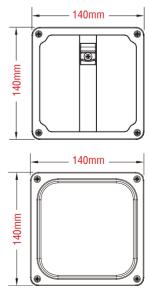


Rubber Cubic Box

Molded of hard rubber, this cubic and robust box features fully insulated, impact-proof, water and corrosion resistance. Silicon O ring keeps the lid tightly attached to main housing. Corner is rounded to prevent the damage over sharp bumps. On the bottom are four footpads for upright application. One side of lid is grooved slightly in the central so that it can accommodate the cap strut for resting CEE form connector cover when it is made to be a power distribution box. Flame-retarded and UV resistance.



Part Number	Description
PDB-RCB	Rubber cubic box, black



Y-Splitters

Y-Splitter, Y-Cord or Twofer, are cabling device used in theatrical stage lighting. It allows two stage lighting instruments to be connected to one dimming channel. Never having cumbersome for jamming two wires into a single connector. It is wired in parallel or series.

Kupo Y-Splitters are constructed by PVC injection-molding core offering great tensile force and rubber molding cover with excellent impactabsorbency. The mold-in extension is HO7-RNF rubber cables overall length 1M with fire retardant and oil resistant specs; it is the standard extension cable in theatres. PVC is not suitable for extension leads as it melts easily and is not very flexible.

YS-2.5-CEE



YS-2.5 / S-CEE



YS-2.5



YS-4.0



Parallel / Series sticker mark with transparent heat-shrink sleeve identify the wirings clearly.

Note: Parallel is a consistent voltage in circuit, and current is shared between the two instruments. The series wired, the current through each of the lighting instruments is the same, and the voltage across the lighting instruments is the sum of the voltages across each lighting instruments.





Part Number	Description
YS-4.0	Y Splitter, 3 x 4.0mmsq rubber cable, length 1M, parallel wired
YS-2.5	Y Splitter, 3 x 2.5mmsq rubber cable, length 1M, parallel wired
YS-2.5/S	Y Splitter, 3 x 2.5mmsq rubber cable, length 1M, series wired
YS-2.5-CEE	Y Splitter, 3 x 2.5mmsq rubber cable, length 1M, parallel wired with 16A CEE form connectors
YS-2.5/S-EE	Y Splitter, 3 x 2.5mmsq rubber cable, length 1M, seriesI wired with 16A CEE form connectors

3-Phase Y Splitter



This fan-out is taking three phase power and making three single phase outlets. Internally wired and overmolded with rubber. This Y splitter is embossed with identification marks showing where each of phase is going. Compliance with European standard.

- Input cable: 5 x 2.5mmsq H07RN-F

- Output cable: 3 x 2.5mmsq H07RN-F

Part Number	Description
YS-16A3PH3	3-Phase Y Splitter, fan-out to three single phase, length 1M

CABLE ASSEMBLY

Cable Assembly

Kupo 19pin cable set is assembled with superior cable which is made of matte black pressure extruded PVC thermoplastic compound. Interstices filled to reduce movement and twisting of cores. 17 x black conductors + 1 ground conductor. Configuration of cores corresponds to industry standard 19-pin connector contacts and sequentially numbered with white ink every 25 mm. Flam retarded to IEC332-3, CE 20-22 11. Excellent resistance to most organics and inorganic chemicals. In accordance with CE73 / 23EEC.

- Working Voltage: 300 / 500V

- Test Voltage: 2500V

- Working Temperature: -5°C / +70°C (portable usage); -30°C / +70°C (installation usage)

Multi-cable Extension



Part Number	Description
EXE18/1.5-5	18C x 1.5 mmsq multi-cable 5M, PLS-5219LM+PLS-5219LF
EXE18/1.5-10	18C x 1.5 mmsq multi-cable 10M, PLS-5219LM+PLS-5219LF
EXE18/1.5-20	18C x 1.5 mmsq multi-cable 20M, PLS-5219LM+PLS-5219LF
EXE18/1.5-30	18C x 1.5 mmsq multi-cable 30M, PLS-5219LM+PLS-5219LF
EXE18/2.5-5	18C x 2.5 mmsq multi-cable 5M, PLS-5219LM+PLS-5219LF
EXE18/2.5-10	18C x 2.5 mmsq multi-cable 10M, PLS-5219LM+PLS-5219LF
EXE18/2.5-20	18C x 2.5 mmsq multi-cable 20M, PLS-5219LM+PLS-5219LF
EXE18/2.5-30	18C x 2.5 mmsq multi-cable 30M, PLS-5219LM+PLS-5219LF

Multi-cable Extension



Part Number	Description
TF18/1.5-1	18C x 1.5 mmsq multi-cable 1M, PLS-5219LM+2 PLS-5219LF
TF18/1.5-2	18C x 1.5 mmsq multi-cable 2M, PLS-5219LM+ 2 PLS-5219LF
TF18/2.5-1	18C x 2.5 mmsq multi-cable 1M, PLS-5219LM+2 PLS-5219LF
TF18/2.5-2	18C x 2.5 mmsq multi-cable 2M, PLS-5219LM+2 PLS-5219LF
TFF18/1.5-1	18C x 1.5 mmsq multi-cable 1M, PLS-5219LF+2 PLS-5219LM
TFF18/1.5-2	18C x 1.5 mmsq multi-cable 2M, PLS-5219LF+2 PLS-5219LM
TFF18/2.5-1	18C x 2.5 mmsq multi-cable 1M, PLS-5219LF+2 PLS-5219LM
TFF18/2.5-2	18C x 2.5 mmsq multi-cable 2M, PLS-5219LF+2 PLS-5219LM

Motor Control Fly Cable



Part Number	Description
MC-7/1.5-10M	7C x 1.5 mmsq multi-cable 10M, PLS-4207LM+PLS-4207LF
MC-7/1.5-20M	7C x 1.5 mmsq multi-cable 20M, PLS-4207LM+PLS-4207LF

Cable Assembly

Break-out or break-in cable set is assembled with superior H07RN-F cable. Made of special cross-inked elastomer for excellent insulation. Great suppleness offering better resistance to inclement environmental condition to oils and greases, as well as adverse chemicals and thermal effects. In accordance with RoHS and IEC/EN 60332-1-2 standard. Ideal for installation on equipment in continual and interrupted operation under aggressive condition such as construction site vehicles, generator, pumps and other most extreme and severe usage industry applications.

- Working Voltage: 450 / 750V
- Working Temperature: -30°C / +60°C (max. conductor temperature in service +85°C)

Break-out / Break-in





KCWH 073 x 1.5 3C x 1.5 mmsq Rubber Cable

KCWH 073 x 2.5 3C x 2.5mmsq Rubber Cable

Part Number	Description
BK3/1.5-1.2	3C x 1.5 mmsq rubber cable 1.2M, PLS-5219LM+6 TSP-20LF
BK3/1.5-1.2-CEE	3C x 1.5 mmsq rubber cable 1.2M, PLS-5219LM+6 CEE Female
BK3/1.5-1.2-SCHUK0	3C x 1.5 mmsq rubber cable 1.2M, PLS-5219LM+6 SCHUKO Female
BK3/2.5-1.2	3C x 2.5 mmsq rubber cable 1.2M, PLS-5219LM+6 TSP-20LF
BK3/2.5-1.2-CEE	3C x 2.5 mmsq rubber cable 1.2M, PLS-5219LM+6 CEE Female
BK3/2.5-1.5	3C x 2.5 mmsq rubber cable 1.5M, PLS-5219LM+6 TSP-20LF
BI3/1.5-1.2	3C x 1.5 mmsq rubber cable 1.2M, PLS-5219LF+6 TSP-20LM
BI3/2.5-1.2	3C x 2.5 mmsq rubber cable 1.2M, PLS-5219LF+6 TSP-20LM
BI3/2.5-1.2-CEE	3C x 2.5 mmsq rubber cable 1.2M, PLS-5219LF+6 CEE Male

Head-to-ballst Cable



Part Number	Description
HB-1.2K-7M	1.5 mmsq 7M, WPS-2407LM-W+WPS-2407LF-W (ARRI 575W /1200W)
HB-1.2K-15M	1.5 mmsq 15M, WPS-2407LM-W+WPS-2407LF-W (ARRI 575W/1200W)
HB-4K-7M	2.5 mmsq 7M, WPS-2407LM-0+WPS-2407LF-0 (ARRI 2500W/4000W)
HB-4K-15M	2.5 mmsq 15M, WPS-2407LM-0+WPS-2407LF-0 (ARRI 2500W/4000W)
HB-6K-7M	3C x 16 mmsq+3C x 1.5 mm 7M, WPS-2806LM+WPS-2806LF (ARRI 6000W)
HB-6K-15M	3C x 16 mmsq+3C x 1.5 mm 15M, WPS-2806LM+WPS-2806LF (ARRI 6000W)
HB-12K-7M	4C x 16 mmsq+5C x 1.5 mm 7M, WPS-2809LM+WPS-2809LF (ARRI 12KW)
HB-12K-15M	4C x 16 mmsq+5C x 1.5 mm 15M, WPS-2809LM+WPS-2809LF (ARRI 12KW)
HB-18K-7M	4C x 16 mmsq+5C x 1.5 mm 7M, WPS-2809LM+WPS-2809LF (ARRI 18KW)
HB-18K-15M	4C x 16 mmsq+5C x 1.5 mm 15M, WPS-2809LM+WPS-2809LF (ARRI 18KW)

DMX Data Transmission Cable



ID RING

ID Ring is designed for dentification. Six standard colors are available.

 ID RING-W White Color ID RING-R Red Color

ID RING-P Purple Colorw

 ID RING-B Blue Color ID RING-Y Yellow Color

ID RING-GN Green Color

Part Number	Description
KCWDP222TBX	Dataplex 1-pair, 22AWG
KCWDP224TBX	Dataplex 2-pair, 22AWG

Audio Snake System

Kupo 16ch. audio snake system the stage box is designed for live applications where a single Mixer is used. It consists of stage extension that allows separate IN & OUT channels on stage running only one cable on a long distance (stage to mixer). Kupo 16CH. Audio Snake System is wired with individually-isolated channel shields.

Snake Trunk

high quality 16 ch multi-channel audio snake cable independent earth contact for each channel 48 pin multi-pin connector.

10M length (EXE48-10) 30M length (EXE48-30) 50M length (EXE48-50)



Junction Box, KAB-1648MF

male and female XLR 3-pin connector for each channel for easy connection. All panel mount XLR 3-pin connector are secured to the chassis with screws, not pop rivets. Dual 48 pin connector (male and female) for easy system connection and signal distribution. The construction of the box is made from 1.4mm thickness steel, black finish and equipped with IN & OUT XLR 3-pin.



Fantail, BK4816-1.5

high quality microphone cable with XLR-3 pin connector for each channel; number collar ring for quickly identification for 16 channels; Length: 1.5M.



Rugged Audio 48Pin Connector

KAC-48LF line female KAC-48LM line male KAC-48SM panel male **KAC-48SF** panel female





Multi-Cable Roller

YOUTUBE **CABLE ROLLER**



Rolling a cable can be easy, but rolling couple of dozens can be annoying. Multi-cable roller makes life easier. It is an easy-to-use gear to organize the cable set. With several steps of assembly, you can built it up and then roll different kinds of cable effectively. Take less effort, do a nice job, all you need to do is to run your cable set with this machine. Getting a great cable management done can be that simple.



Item	Description
CR-234	Weight: 75 kgs Dimension: 110(L) x 105(W) x 148(H) cm Cable drums sizes: 20 / 30 / 40 cm Material: Cold rolled steel plate Power Input: 110VAC/60Hz, 220VAC/50Hz Power Consumption: 110V/6A, 220V/3A Roller Speed: 20 RPM





20 / 30 / 40 cm Adjustable cable drums.



Feasible for SOCA Extension



Feasible for Power Extension



Feasible for Data extension



3 x Teflon-wrapped plus 1 x belt-running support arms provide smoother operation.



Roller stops immediately whenever foot pedal disengaged.



It runs clockwise and counterclockwise. No worry to righthand and left-hand user.



Take a piece of cloth and run the roller, cable set will be done in a descent look.

VS-4851 Versatile Socket For 48mm And 2" Tube

Versatile Socket is fabricated by injection-molded ABS for featuring impact resistance, maximum toughness and also flame-retarded. Two-way assemble housing provides the selection to fit either 2" or 48mm tube systems, which makes it an ideal power outlet for various installation applications. It is designed for 15A roud pin BS546, 16A CEE form and 16A Schuko connectors.

VS-4851-M

Standard Applications

VS-4851-B









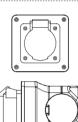




Standard Package w/ 8 fixing screws Feasible For Tube Sizes 48mm And 2"



90 97mm



Other Applications (Customized)

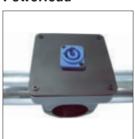


VS-4851-1 Blank Plate Only (w/o fixing base)

AUS/NZ 10A



Powerlead



Stage Pin



Speakcon



Blank



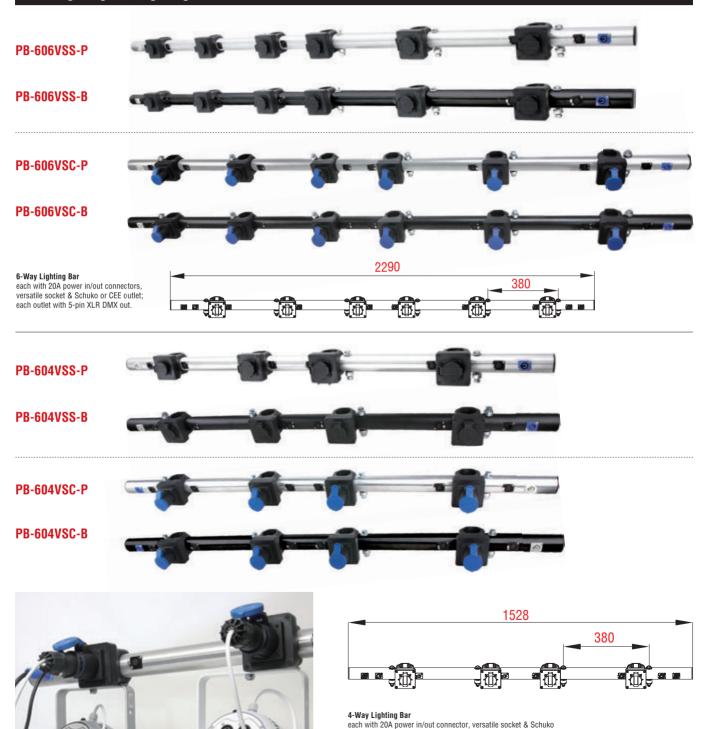
XLR



VS Lighting Bar

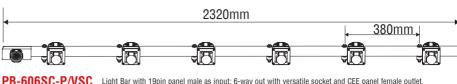
The VS Lighting Bar is launched with the high quality that Kupo Par Bar has been known for, featuring new construction of the bar with versatile socket. With the classic 3.8mm(T) x 51mm(dia.) aluminum alloy tube in selective length together with ABS-injected versatile socket for seating the power panel, VS Lighting Bar is going to fulfill both conventional and uprising mainstream LED fixtures in entertainment field. VS Lighting Bar has diverse models. The DMX model is wired with 20A power connector for main input and output, as well as 5-pin XLR for DMX in and thru connection. It is available in 4-outlet and 6-outlet, and each outlet comes one VS socket with Schuko female and DMX female for power and data connection for every single fixture. The DMX model is catering to the demand of LED fixtures. The conventional model is wired with 19-pin panel male for dimmer control, and Schuko or CEE is mounted on versatile socket in this range. Special configuration is available upon request.

DMX Lighting Bar Lighting Bar w/ Versatile Socket & DMX outlet



or CEE outlet; each outlet with 5-pin XLR DMX out.





PB-606SC-P/VSC Light Bar with 19pin panel male as input; 6-way out with versatile socket and CEE panel female outlet.



PB-606SC-B/VSC Light Bar with 19pin panel male as input; 6-way out with versatile socket and SCHUKO panel female outlet.

Classic Light Bar

All KUPO lighting bars are manufactured from dia. 51mm x 3.8mm thickness aluminum tube with a cast aluminum box. It comes with 65cm 3C x 1.5mmsq (16AWG) silicon cable for power connection. The following is our range of light bars; other variations of lighting bars are available upon request.





PB-606SC-B 6 circuits wired from 19 Pin chassis PB-606SC-P connector to 6 x 65cm tails black / polish.



PB-604SC-B 4 circuits wired from 19 Pin chassis PB-604SC-P connector to 4 x 65cm tails black / polish.



PB-606HC-B 6 circuits wired from 16 Pin male chassis **PB-606HC-P** connector to 6 x 65cm tails black / polish.



PB-604HC-B 4 circuits wired from 10 Pin male chassis PB-604HC-P connector to 4 x 65cm tails black / polish.



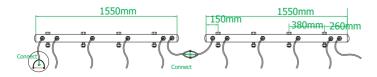
PB-6062SC-B 6 circuits wired from 19 Pin male to 19 Pin female **PB-6062SC-P** chassis connector to 6 x 65cm tails black / polish.



 $\begin{picture}(200,0) \put(0,0){PB-604ASC-B}$ Aerobar series wired from input \end{picture}$ PB-604ASC-P to 4 x 65cm black / polish.



PB-604ASC wiring in 220V



PB-6042SC-B Aerobar ser4 circuits wired from 19 Pin chassis connector to 4 x 65cm tail with PB-6042SC-P 2 more circuits at bar end black / polish.





Adhesive Heat-Shrink Tube

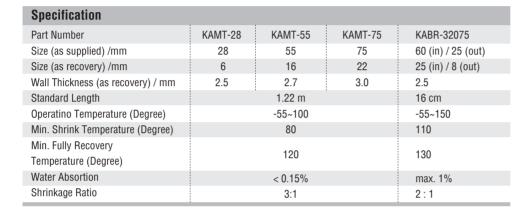
With adhesive lined up inside, it is made for providing excellent electrical insulation and protection to cable joint and termination. High impact, abrasion and corrosion resistance. UV and waterproof while sealed. Easily fit over irregular shape and large connectors.



KAMT-75 KAMT-55 KAMT-28



KABR-320







KU-Hand

KU-HAND is designed for multi-task to protect users. Ergo-oriented brings comfort fit to all users. Padded mesh on leather top is for excellent ventilation; two-way stretch creates flexibility. Synthetic leather palm is soft and durable. Extra leather layer on palm, index finger and thumb for better strength and protection. Smooth texture of fingers and reinforced fingertips make perfect on handling objects and reduce wear.



Part Number	Size
KH-55MB	Medium
KH-55LB	Large
KH-55XLB	Extra Large
KH-55XXLB	Double Extra











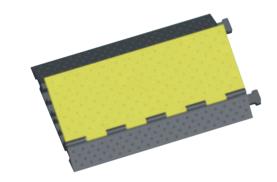
Cable Crossover

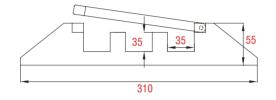
The cable crossover is built to protect cables from moisture, oils, solvents, and frame as a shield for impact resistance and load bearing. Kupo have diverse cable crossovers which are made of high density press-molded latex, backed with sturdy visible orange lid. Each has dog bone connector ends to get connected to create any desired length. Easy to operate; protect the cable through the doorway and eliminate the damage. Operation temperature is -40 C° to 49 C° degree and the load bearing capacity is 2,000 kgs.







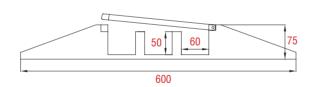




KCG-301-B [3 CABLE DUCTS]

Height: 55 mm Insulated: YES Ducts Height: 35 mm Length: 1000 mm Width: 310 mm Max. Load: 2000 Kgs

15 kg



40 40 55
400

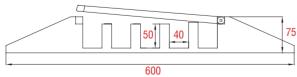
KCG-301-B (BIG) [3 CABLE DUCTS]

Height: 75 mm Insulated: YES Ducts Height: 50 mm Length: 900 mm 23 kg Max. Load: 2000 Kgs Width: 600 mm

KCG-401-B [4 CABLE DUCTS]

Insulated: YES Height: 55 mm Length: 800 mm Ducts Height: 40 mm Max. Load: 2000 Kgs Width: 400 mm

10.5 kg



40 485

KCG-501-B (BIG) [5 CABLE DUCTS]

Height: 75 mm Insulated: YES Length: 900 mm Ducts Height: 50 mm 24 kg Width: 600 mm Max. Load: 2000 Kgs

KCG-501-B [5 CABLE DUCTS]

Insulated: YES Height: 65 mm Length: 770 mm Ducts Height: 42 mm 18 kg Width: 485 mm Max. Load: 2000 Kgs



EZ-TIE

Ideal for sound, lighting and audio/video equipment. EZ-Tie is made by Swiss-made looms and strictly quality control to assure consistent quality with superior performance. Hook is made from A grade Nylon and has high peel and shear values with extended cycle life with average 55 hooks per sq inch. It is forming with high temperature to keep a better elasticity and durability. The Un-Napped loop brings a very high cycle life with average 42 woofs per sq inch. EZ-TIE has been tested under +93 degree C and -56.7 degree C for lasting 1000 hrs matting without failed. The working temperature from 80 degree C to -20 degree C. High cycle life with over 10,000 closures. Washable, UV resistant to prevent discoloration.

Applications

- Help to organize cable set neatly with diverse colors.
- Write-on identification label for great cable organization.
- Sturdy Nylon buckle offers greater holding power against movement, and makes extension easily for longer use.
- Perfect for use as tie down for attaching equipment on the desk or table.
- Convenient with wrapping up lighting stand legs to keep them well fastened for transportation.
- Ideal for use as temporary hanger during installation.

Large EZ-TIE



EZ560-B Black Size: 5.0 x 60 cm / Per Pack: 5 pcs



EZ560-BL Blue Size: 5.0 x 60 cm / Per Pack: 5 pcs



EZ560-R Red Size: 5.0 x 60 cm / Per Pack: 5 pcs



EZ560-W White Size: 5.0 x 60 cm / Per Pack: 5 pcs



Small EZ-TIE





EZ241-BL Blue

Size: 2.0 x 41 cm / Per Pack: 10 pcs



EZ241-R Black Size: 2.0 x 41 cm / Per Pack: 10 pcs



EZ241-W White Size: 2.0 x 41 cm / Per Pack: 10 pcs



EZ241-Y Yellow Size: 2.0 x 41 cm / Per Pack: 10 pcs







MEZ-TIE

The simple cable ties are lighter and thinner than the deluxe cable ties but are still incredibly strong. They feature an opening in the "head" of the tie that the tip of the "tail" goes through to pull it snug. They also come in five different color options to easily categorize your cables.



MEZ220-B Black

20 mm(W1) x13 mm(W2)x200mm(L) / 50 pcs



MEZ220-R Red

20 mm(W1) x13 mm(W2)x200mm(L) / 50 pcs



MEZ220-Y Yellow

20 mm(W1) x13 mm(W2)x200mm(L) / 50 pcs



MEZ220-BL Blue

20 mm(W1) x13 mm(W2)x200mm(L) / 50 pcs



MEZ220-W White

20 mm(W1) x13 mm(W2)x200mm(L) / 50 pcs



YOUTUBE KUPO SIMPLE CABLE TIES (MEZ-TIE)







MEZ Strap

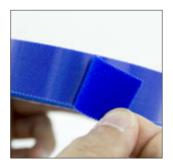
This hook and loop Nylon strap grips and secures cabling or wiring you wrap. It comes seamlessly in a roll and can be cut into the length for your need. Ideal for organizing all of the loose cables or odd shape gears. Customize the length for your need to make your own cable tie. Available in white/black/red/yellow/blue/green colors.



Part Number	Description
MEZ-S1605	MEZ Strap, 16mm width x 5M length
MEZ-S3005	MEZ Strap, 30mm width x 5M length

⁻ Color Code: B (Black), R (Red), W (White), Y (Yellow), BL (Blue), G (Green)









Gaffa Tape

Kupo delivers greatly versatile and most popular Gaffa Tape for holding and sealing needs in professional stage, photography, motion picture and television industries. With compound materials of natural rubber and synthetic resin, it has excellent tack and adhesion performance in wider temperature condition. Kupo Gaffa Tape has the highest tensile strength of any others, but also features easy-to-tear.







Gaffa Tape Matte Gaffa Tape Slim Gaffa Tape





Features

- Non-transferring adhesive tape; clean removal, leaving without residual.
- Backing Material: Cloth with PE coated.- Adhesive: Natural rubber base.
- Heat Resistance: 80 degree C / 180 min.- Tensile Strength: 12.5 (KGF / 25 mm).
- Feasible for smooth, rough and irregular surface.

Anti-Slip Tape

GT-550CKGN

Gaffa Tape		
Item	Size	Availability in Color
GT-550	48 mm (W) x 50M (L)	Black (B), White (W), Gray (G), Red (R), Blue (BU), Green (GN), Black & Yellow (BY)
GT-250	25 mm (W) x 50M (L)	Black (B), White (W), Gray (G), Red (R)
GT-515	48 mm (W) x 13.72M (L)	Black (B), White (W), Red (R), Yellow (Y)

Matte Gaffa Tape				
Item	Size	Availability in Color		
GTM-550	48 mm (W) x 50M (L)	Black (B), Gray (G), Blue (BU), Green (GN), Lime Green (LGN)		

Anti-Slip Tape		
Item	Size	Availability in Color
GT-550AS	48 mm (W) x 5M (L)	Black & Yellow (BY)

Chromakey Gaffa Tape			
Item	Size	Availability in Color	
GT-550CKGN	48 mm (W) x 50M (L)	Green (GN)	









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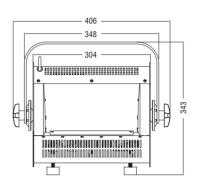


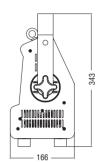


LED Cyclorama

Kupo LED cyclorama delivers pure and even color wash with powerful light outputs. The 150W luminaires is fabricated of aluminum alloy housing, making it lightweight yet rigid. Similar to classic Par Can, this cyclorama is made with big lock washers providing positive firm lock while rigging with the bracket. The asymmetric anodized aluminum reflector deliver wide and even light distribution. Available with three visible light models, RGBA, warm white, tunable white (warm white + cool white) and also invisible light source UV LED for special effect in theme park.







Item	Description
ZLC-150RGBA	150W RGBA LED CYCLORAMA
ZLC-150WW	150W 3200K WARM WHITE LED CYCLORAMA
ZLC-150TW	150W 3200K-6000K TUNABLE WHITE LED CYCLORAMA
ZLC-150UV	150W UV LED CYCLORAMA



Yoke lock washer provide positive locking; ventilation slot makes the better controls of working temperature.



Anodized asymmetric aluminum reflector gives the light output distribution even and smooth. Large solid bracket provides durable and robust rigging support for the luminaire. An eye ring is equipped for attaching the safety bond.







LED light engine consists of 48pcs LED, available with RGBA, 3200K warm white, tunable white (3200K warm white + 6000K cool white), and UV LED at 365nm.



On-board LCD screen clearly displays the function and all settings through push buttons. DMX controllable through 3pin or 5pin XLR outlets.







Features

- Full DMX-512 controllable
- Universal Power Input: AC/100-240V, 50/60Hz
- Both power and signal feed through for daisy chain
- Asymmetric aluminum reflector
- Yoke lock washer and solid large bracket for positive lock; eye ring for safety bonding
- Available with RGBA, 3200K Warm White, Tunable White (3200K-6000K) and UV LED
- Rubber footpad protects the housing from scratch in upright position
- Functions (for RGBA mode): Color mixing, automatic color change, built-in program and strobe effect with adjustable speed, dimmer, master / slave

Specification

Voltage	AC/100-240V, 50/60Hz			
Power Consumption	Max. 150W			
Light Source	48 x 3W RGBA LEDs			
	48 x 3W Warm White LEDs (3200K)			
	24 x 3W Warm White (3200K) + 24 x Cool White(6000K) LEDs			
	48 x 3W 365nm UV LEDs			
Signal Connector	3pin and 5pin XLR			
Working Mode	DMX-512, Max 16 channels			
	Stand-alone built-in program			
	Strobe effect			
	Dimmer 0-100%, fade effect			
	Master-Slave mode			
Protection Classification	IP20			
Dimension	406 x 166 x 343.7 mm			
Weight	5.7kgs			



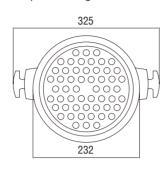
Outdoor LED PAR

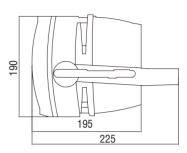
This 180W Outdoor PAR LED luminaire is made of die-cast aluminum alloy. Sturdy and robust. IP65 rated for short-run or permanent installation surrounding with moisture. The housing is made with grooves, offering better heat ventilation. Standing on the ground or rigging on the truss can be easily convertible with two supportive brackets. Power and DMX-512 signal lead are pre-wired with water-proof connectors, for making feed-through conveniently. Function setting panel and display screen are well protected against the water ingress for maximum service life.





Grooved aluminum diecast housing features lightweight and toughness, and great with heat ventilation. Two fullsize brackets give strong rigging support.





Inbuilt with 18 x high power RGBW (10W) LEDs, delivering heavy light output.

ltem	Description
ZPW-64 / 18-10	180W RGBW LED OUTDOOR PAR



Function setting and display screen are insulation against the moisture and dust for the maximum durability.





Power and signal leads are preassembled with watertight metal cable gland. Cables are overmolded with IP65 connectors to make the power and DMX-512 signal feed through without moisture issue.

Features

- Functions: Color mixing, built-in program and strobe effect, dimming, master/slave.
- 0-100% linear dimming.
- Power & signal feed through with IP65 connectors.
- Fully comply with DMX-512 protocol.
- 4-digit LED setting menu with function buttons.
- IP65 protection classified for outdoor application.









Specification

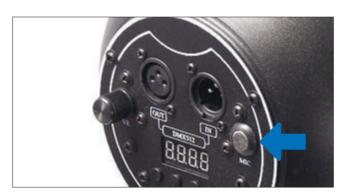
Voltage	Power Consumption	Light Source	Signal Connector	Working Mode	Protection Classification	Dimension	Weight
AC/100-240V,	Max. 180W	18 x 10W	3pin water-	DMX-512, Max 7 channels	IP65	280 x 290 x	5.5kgs
50/60Hz		RGBW LEDs	proof XLR	Stand-alone built-in program		290mm	
				Strobe effect			
				Dimmer 0-100%, fade effect			
				Master-Slave mode			

Led Par Can

LED PAR CAN renders vivid and colorful changing effect in the stage. Kupo's LED PAR is build up with PAR-64 sturdy textile of barrel and equipped with high power RGB LED, making it the ideal choice and catering to the entertainment requirement. Standard finish is black while white or other color is available for special request. In addition to the version with RGB color mixing, fixed color LED PAR CAN including 3,200K warm white and 6,200K cool white are also available. An unique design on daisy chain power is set to offer simple and convenient access to the electricity; up to 10 units of LED PAR can be put together for power linkup.







for sound active effect.



heat sink for better ventilation.



for master & slave.



fixed spring set.

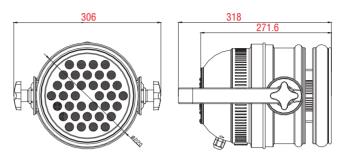




Led Par Can



DRAWINGS



ZPL-64 / 36-3

Voltage: AC 100-240 V/ 50-60 Hz Power Consumption: 120 W

LED Unit: 36 pcs * 3 W LEDs (Red 12 pcs/ Green 12 pcs/ Blue 12 pcs)

Beam Angle: 10 / 25 / 45 / 60 degree optional

DMX Channel: 5 & 6 channels Control: DMX 512 / Master & Slave

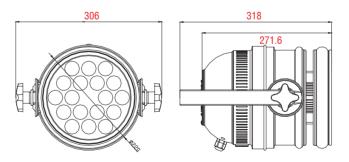
Effect: RGB mixed color, dimming mode, flash, color changing, color fading and sound active

Working Environment: Indoor -20~50 degree C

Net Weight: 2.95 kg

DRAWINGS





ZPL-64 / 18-10

Voltage: AC / 100-240 V, 50 /60 Hz

Power Consumption: 180 W

LED Unit: RGBW, 18 x 10 W (4-in-one), 3200 K or 6500 K (white)

Beam Angle: 25 / 45 degree optional DMX Channel: 1-7, 16 channels Control: DMX 512, Master / Slave

Effect: Color mixing, dimming mode, fadeing, sound active

Working Environment: Indoor -20~50 degree C

Net Weight: 2.9 kg



LED Audience Blinder

With enjoying years of reputation for its high fabric quality of audience blinder, now blending with LED luminaires, Kupo extends the series to a more eye-ball catching scope. Unique and modular housing design is simple, which makes an upgrade from conventional light source to LED rather easy to conduct. Every LED module is equipped with 12 pieces of 3-in-one 3 W LEDs. This turns out that Kupo's Audience Blinders possess the highest powerful output in the market now as the catalogue printed. First grade aluminum material is used to build up the LED housing, offering excellent ventilation. Fan-free design meets the benchmark of those where silence is strictly required. Both 4-lite and 8-lite are available.

Specification





- Universal power input, AC / 90 240 V input, Powercon.
- Power consumption: 144 W for 4 lites, 288 W for 8 lites (per module is 36 W)
- LED Power: DC / 48 V
- Fuse: 5A / 250 V
- DMX-512 compatible (3-pin XLR)
- Beam Angle: 20 degree
- Lumen: 1058 (per module)
- Lm/W: 20.99 (per module)
- IP Rating: 20
- Ambience temperature: -10~40 degree C
- 4-digit LED panel display setting
- Size: 425 (L) x 183 (W) x 520 (H) / 4-lite 425 (L) x 183 (W) x 700 (H) / 8-lite

Product Code	Description
ZSB-364	Led Audience Blinder 4-Lite.
ZSB-368	Led Audience Blinder 8-Lite.



Robust and rigid, and easy to fit into from front panel.



Aluminum die-casting housing with fin design for best heat ventilation.



Power in and thru for flexible power connection.



External rear module for reliable power and control management.



LED Audience Blinder (Light Duty)

Light duty LED audience blinder is assembled with KUPO's reputed 4-lite and 8-lite audience blinders and the state-of-the-art LED light source, offering a vivid and astonishing color changing effect. LED module is equipped with 9 CREE LED which ensures the reliability and durability, and mounted in an aluminum-extruded chassis for maximum heat dissipation. LCM (LCD Module) display on rear panel for clear identification while setting the mode. Slim and light-weighted profile renders the great mobility.

Specification

- Universal Power Input: AC / 90-240 V, 50-60 Hz.
- Power Consumption: 240 W (8-lite), 120 W (4-lite).
- Powercon in and out.
- LED Power: DC / 24V.
- DMX-512 compatible (3-pin & 5-pin XLR).
- Beam Angle: 25 degree.
- Lumen: 754 (Per module).
- Lm / W: 30.90.
- IP Rating: 20.
- Ambience temperature: -10~ 40 degrees.
- LCM Panel display setting.
- Weight: 17.50 kgs.
- Dimension: 4-lite / $425 \times 520 \times 100$ mm; 8-lite / $425 \times 810 \times 100$ mm.

Product Code	Description
ZSB-364E	4-lite Light Duty LED Audience Blinder.
ZSB-368E	8-lite Light Duty LED Audience Blinder.







Function

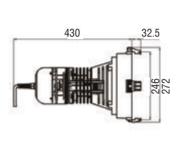
- DMX mode: from one channel to diverse 8 channels covering R / G / B / Marco / Strobe / Fading / Dimming / W (if any).
- Built-in 8 preset programs, with 8 different adjustable speed.
- Fixed R / G / B color mode; furthermore, user can adjust the portion to create the favorite.
- Marco mode (fixed color): preset 32 palette colors for flexible utility without DMX.
- Sound active.

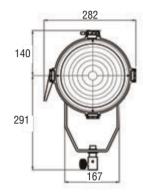
LED Event Spot

Solar represents the fixture with higher color temperature, namely the light source of white LED and discharge lamp. The latest model to the series is LED Event Spot. Inherited with the profiles of classic HMI 575 Event Spot, the LED version, featuring energy-saving advantaged, is made with 32pcs superior high power LED with custom-fit lens to produce as 8000 (LUX) great intense light as astonishing and incomparable high output (measured in white LED at 7 meter ahead of fixture without diffuser). Three diffusers kit comes standard to provide softer edge choices for versatile applications. Ventilation holes are deployed around the back housing for better management of working temperature so as to prolong the life span of LED.

Excellent mechanical fabrication, such as die-cast spring gel clip, positive locking knobs and robust U bracket enhances the durability. Universal power input is global-fit no matter where the event takes place. Light weight and three colors (black, white, metallic silver) for selections.







Features

Item: ES-LED300

Light Source: 32 pcs High-Power LED

Power Consumption: 300 W Input Voltage: AC90-260 V

Output: 8000 Lux (at 7 meter w/o diffuser)

Color Temperature: 5600 K Power Factor: ≥ 0.98 LED Life Span: 50,000 hrs

N.W.: 7 kgs

Three diffusers with frame soften light beam and produce wider FIELD. Standard comes one diffuser only.





- Diffuser with "blue" ear frame: diffusion with 55 degree, and 450 Lux at 7 meter.
- Diffuser with "yellow" ear frame: diffusion with 30 degree, and 1200 Lux at 7 meter.
- Diffuser with "black" ear frame: diffusion with "linear effect:, and 1300 Lux at 7 meter.





- Four-leave barndoor comes standard to control the light spill.

Event Spot [ES-HMI 575]

Kupo Event Spot HMI 575 is designed for not only photography, film / TV but specially for exhibition and event including motor show. With 575 HMI output and the 5,600 K day light, Event Spot 575 brings the extreme brightness to meet the requirement of the illumination in above locations.

- 1. Manual dimmed control for adjusting the brightness.
- 2. Hot restrike igniter keeps continuous output of the lights while the power temporally off.
- 3. Barndoor as the standard accessory to specific distribution of light.
- 4. Comes with interchangeable Frost Lens (Narrow Spot).
- 5. The 4th spring clipper keeps barndoor and lens holder stay firmly on the fixture.

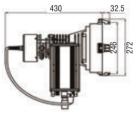


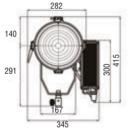












Four Pattern Lenses

Big grid, Small grid, Frosted, Frensel



Product Code	Description
Power: 575W	4-Leaf Barndoor: 245 mm
Supply Voltage: Auto sense 90V-240V	Electronic Ballast: EB 575, 115 / 230 V
Color Temperature: 5,600 K	1 pc Lens : Dia 205 mm
Measurement: 450 (H) x 300 (W) x 450 (L) mm	
Weight: 7.1 kg	Optional Accessories
Lamp Type: HMI 575 W / SE	Extension Cable: 7M / 15M
Lamp Base: G22	
UV Lens Dia.: 205 mm	
Protection Class: IP23	
Compliance: CE	

Photometric (event Spot Hmi 575w)					
Lens	Projected Distance	3M	5M	10M	Beam Angel
Without lens	Brightness (Lux)	205,000	73,800	18,500	F0
Without ions	Projected Diameter (meter)	0.3	0.4	0.5	5°
Spot	Brightness (Lux)	82,880	29,900	7,500	9°
Орог	Projected Diameter (meter)	0.5	0.8	1.6	9"
Narrow Flood	Brightness (Lux)	33,600	12,000	3,040	440 000
Wallow 11000	Projected Diameter (meter)	0.6 x 1.2	1 x 1.9	1.9 x 4	11° x 22°
Flood	Brightness (Lux)	9,500	3,400	850	21° x 42°
11000	Projected Diameter (meter)	1.2 x 2.4	1.9 x 3.9	3.7×7.9	21° X 42°
Wide Flood	Brightness (Lux)	7,200	2,600	650	400
Wide Hood	Projected Diameter (meter)	2.3	3.8	7.7	42°

Tungsten Junior



IP23 rated & CE compliant



Kupo present a latest range of fixture, classified in "Lunar and Solar" categories for specifically highlighting color temperature, Tungsten Junior and Solar, featuring warm and white tone of color temperature respectively, are made to satisfy the need for diverse application. Lunar symbolize the fixture with tungsten source. Though enveloped under the atmosphere that LED is the future with a long-run campaign for carbon emission reduction, tungsten has beautiful characters in terms of dimming performance and color rendering that yet to be surmounted. Save Tungsten!



150W Fresnel



300W Fresnel



650W Fresnel



1000W Fresnel



2000W Fresnel

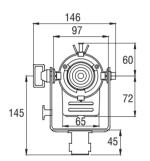


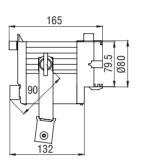
Aluminum 4-leaf barndoor and stainless steel color frame comes standard.

Tungsten Junior series has wide variety models from 150 W to 2000 W, catering to lots of requirement for 3200 K warm tone. Designed for tungsten light source, Lunar is built up with sophisticated low expansion borosilicate Fresnel lens and fine anodized reflector to create perfect soft note and evenly-distributed light field. Non-reflective black finish not only makes it less visible but blended up with installation background without additional makeup. Constructed of high tensile aluminum alloy, the housing is light weight, compact, rust-free, sturdy as well as perfect with heat ventilation. Tool-free top opening (or front opening in some models) chassis facilitates lamp change quickly within seconds. Through rotating and heat-resistance focus adjustment knob, wide field or focus beam effect can be managed easily. Sturdy in-line on / off switch is equipped in all models for handy operation. Rigid barndoor and stainless steel round-shape gel frame is supplied as durable as the complete fixture.

TUNGSTEN JUNIOR







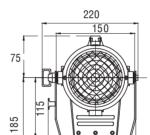
Model:	LSW-010
Watt:	150W Fresnel
Lamp / Base:	GX6.35
Dimension (mm):	165(L), 146(W),205(H)
Net Weight(kgs):	1.2
Lens Diameter (mm):	50
Barndoor (mm):	78
Filter Frame (mm):	75P
Supplied Connection:	16 mm receiver



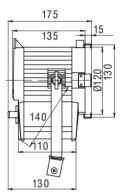


Supplied with cable strap and inline on / off switch. (3M cable, 3C x 1.5 mmsq) $\,$





180



Model:	LSW-001
Watt:	300W Fresnel
Lamp / Base:	CP81 / GY9.5
Dimension (mm):	175(L), 220(W),260(H)
Net Weight(kgs):	2.1
Lens Diameter (mm):	80
Barndoor (mm):	128
Filter Frame (mm):	130
Supplied Connection:	16 mm receiver

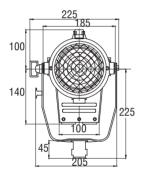


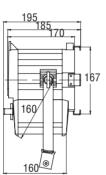


Supplied with cable strap and inline on / off switch. (3M cable, 3C x 1.5 mmsq) $\,$









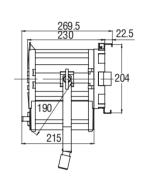
Model:	LSW-002
Watt:	650W Fresnel
Lamp / Base:	CP89 / GY9.5
Dimension (mm):	195(L), 225(W),325(H)
Net Weight(kgs):	2.5
Lens Diameter (mm):	112
Barndoor (mm):	162
Filter Frame (mm):	170
Supplied Connection:	16 mm receiver





Supplied with cable strap and inline on / off switch. (3M cable, 3C x 1.5 mmsq) $\,$





Model:	LSW-003
Watt:	1000W Fresnel
Lamp / Base:	CP40 / G22
Dimension (mm):	270(L),260(W),373(H)
Net Weight(kgs):	5.3
Lens Diameter (mm):	130
Barndoor (mm):	194
Filter Frame (mm):	192
Supplied Connection:	16 mm receiver





Supplied with cable strap and inline on / off switch. (3M cable, 3C x 1.5 mmsq) $\,$



306 255 138 195 232 424 115

Model:	LSW-004
Watt:	2000W Fresnel
Lamp / Base:	CP73 / G38
Dimension (mm):	306(L),362(W),562(H)
Net Weight(kgs):	9
Lens Diameter (mm):	175
Barndoor (mm):	245
Filter Frame (mm):	230
Supplied Connection:	28 mm spigot





Supplied with cable strap and inline on / off switch. (3M / 3C x 2.5 mmsq power cable)

Features



Cable strap is supplied to all models providing excellent cable management; in-line on/off switch is equipped for conveniently near field control.





Rear and front focal adjustment knobs are made from heat-resistant thermoplastic for comfort operation. This fixture comes with 3M / 3C x 2.5 mmsq power cable.



Spiral cable gland stops power cord from over bending; cable comes less stressful as it is in line with the direction of fixture while tilting down.



Ratcheted handle, coming with large disk brake, for positive and effortless locking.

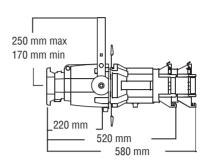


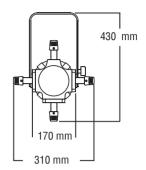


Color frame clip and front chassis are both spring-loaded; press to open and make the maintenance easy and tool free.



Megalite is known for its outstanding characters and excellent craftsmanship. It is made in black with non-reflective matt painting for less visibility where any glittering is strictly controlled. Ideal for not only the theatre but also for the venues where precise light control is required.





Item	Description
ML-7519B	Megalite with 19 degree lens tube, Black
ML-7526B	Megalite with 26 degree lens tube, Black
ML-7536B	Megalite with 36 degree lens tube, Black
ML-7550B	Megalite with 50 degree lens tube, Black



Rugged shutters, made of resilient stainless steel, ensure deformation proof with either 575 or 750W lamp in operation; slot for seating Iris, pattern holder and other great accessories.



Locking knob, fabricated with heat-resistant thermoplastic, together with large disc for firmly positioning.



Aspherical lens on the front tube authentically produces great image contrast and eliminates the distortion; spring clip facilitates accessories attachment easily.



Focal adjustment or interchangeable lens tube is just as simple with a knob beneath the lens tube.

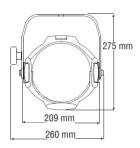
Features

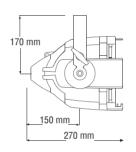
- Die-cast aluminum alloy housing, featuring sturdy and robust and handling great ventilation for such compact fixture with high light output, leaves it the best choice for installation and rigorous touring environment.
- Plastic parts on the fixtures are made of heat-resistant thermoplastic for best insulation, providing the durability and safe operation.
- Sophisticated dichroic-coated glass reflector transmits the IR heat to the back side, and produces cooler visible light forward.
- Front aspherical lens efficiently eliminates the distortion on the rim of output image and ensures fidelity.
- Resilient stainless-steel shutter operates handy beam-shaping and free from deformation with working heat.
- Tool-free lamp housing attachment facilitates the quick lamp changing .
- The series is available in 19, 26, 36 and 50 degree with interchangeable lens tube design.
- Gobos, Iris, Top hat and other light control accessories are dimensionally compatible with the major brand.
- All fixtures are equipped with 100 cm 3C x 1.5 mmsg silicon rubber cable.



MP-575B [Black]

Silver-gray or white is available upon request.







Megamix is the spinoff of MegaPAR. Equipped with two pattern rotary lens, it varies the light from spot to flood simply through a knob without changing the lens.



A quick adjusting knob at the front bottom facilitates rotating the pattern lens easily, producing evenly-casting soft field.

Features



Enhanced aluminum reflector is made of die-casting with aluminum sputtering for greatest light projection; fin construction provides superior heat convection.



Feasible for 575W or 750W lamps; contact of lamp socket is gold-plated for upmost conductivity.



Lamp housing attached to chassis firmly through a knurled and slotted brass knob, easy to handle with bare hand or with slotted driver.





MP-150EB [Megapar CDM 150W]

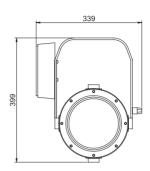
Made of classic model, Megapar CDM has extended-profile of yoke that offers more space to seat a side-mounted ballast chassis, which is also made of the same craftsmanship as main housing, ensuring the best heat ventilation to cool down working temperature generated by ballast. Ballast compartment space is designed for PHILIPS HID-PrimaVision electronic ballast, and also feasible to the other brands.

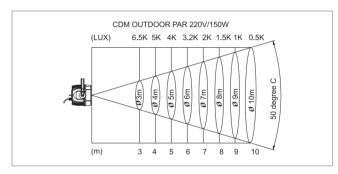
Part Number	Description	Color
MP-150EB	Megapar CDM 150W	Black

The Kupo CDM Outdoor Par is designed for portable or permanent installation in wet location with IP65 rating for use with CDM 150W lamps. The housing is constructed of die-casting aluminum for maximum durability and lightweight. Notches on housing give better heat ventilation. The die-casting CDM box is designed for fitting major brands of HID ballast; lamp and ballast change is easy by screw driver. The front transparent safety lens is made of 5.8 mm thickness tempered glass for maximum strength. There will be an inside lens giving light different effect, available in wide, medium and focus beam angle. Standard WP-CDM150 comes with die-casting CDM Box, IP65, with Philips HID-Prima Vision Electronic Ballast with 100 cm 3 / 1.5 mmsq VDE cable. CDM box inside dimension is 150 (L) x 94 (W) x 35 (H) mm.

WP-CDM150







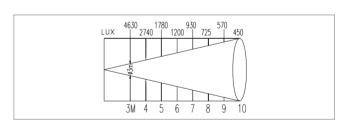
- 1. Notches on housing make ventilation better.
- 2. Die-Casting CDM Box is feasible for major brands of HID ballast.
- 3. Changeable lens gives flood, wide and narrow beam angle.
- 4. Silicon rubber ring is inserted to provide excellent water proof.
- 5. Detachable rear housing for lamp changing friendly.

Photometric Data with Different Lens

Wide Lens



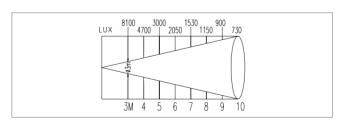




Medium Lens



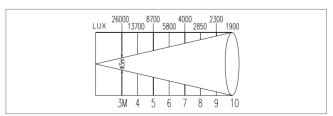




Focus Lens



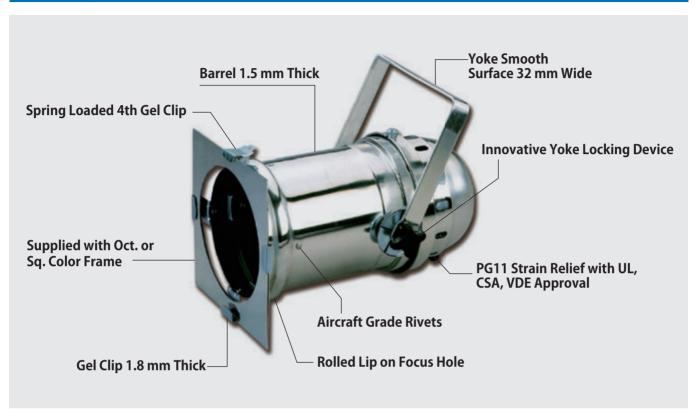






The classic and functional form of ParCans have been established in the Rock'n Roll world. Kupo ParCan is manufactured from high quality spun aluminum for maximum durability. Black and silver are standard colors, and other colors are available when specify on the order.

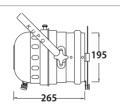
Features of Kupo PAR 64 / 56



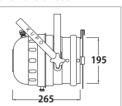
Par 64 is manufactured by using GX-16D base lamp holder for mains voltage lamps up to 1,000 watts. It is fitted with a color frame as standard. Each unit comes with a 72 cm silicon cable. Available with long nose or short nose, black or polish, floor type or customized configuration. UL version is also available.

Par 64 Long Nose

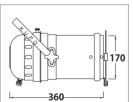
Par 64 Short Nose



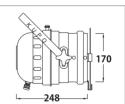
Par 64 Short Nose



Par 56 Long Nose



Par 56 Short Nose



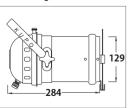
PARCAN 46 / 36

The standard Par 46 / 36 comes without lampholder base and cable unless you specify when place the order. Longnose with E27 base is with 50 cm silicon cable. It is fitted with a color frame as standard.

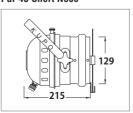
PARCAN 38

Par 38 lanterns are manufactured by using the E27 base wired with SJ 18AWG/3C one meter cable with Edison plug for mains voltage lamps up to 150 watts. It meets UL and cUL requirement.

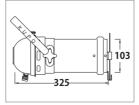
Par 46 Long Nose



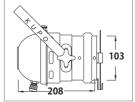
Par 46 Short Nose



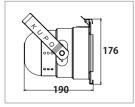
Par 36 Long Nose



Par 36 Short Nose



Par 38 Short Nose



PARCAN 30 / 20

Par 30 and 20 are manufactured by using E27 or medium base lampholder for mains voltage lamps up to 150 watts.

PARCAN 16

Par 16 lantern is suitable for use with MR16 range of 12 volt lamps and GZ10 range of 230V lamps.

PARCAN 11

Par 11 is a short nose lantern using E11 socket with color frame but lamp and transformer are not supplied.

Par 30 Long Nose

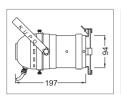
Par 20 Long Nose

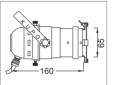
Par 20 Short Nose

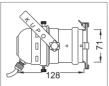
Par 16 Long Nose

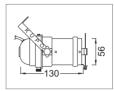
Par 16 Short Nose

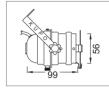
Par 11 Short Nose

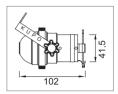




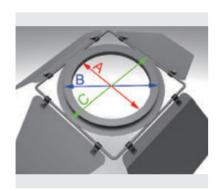








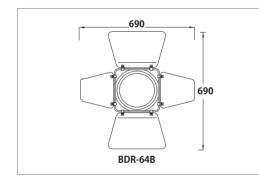
4-Leaf Barndoor for ParCan

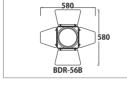


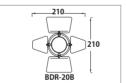
Lightweight, compact size, foldable blade & adjustable direction four-leaf barndoor available for whole ParCan series. Standard is black finish. Orther finishes are available. * Prior to purchasing barndoor, please notice the discrepancy as ParCan dimension might vary by different supplies.

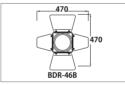
ITEM Ø (mm)	A	В	С
BDR64	218	239	262
BDR56	188	210	228
BDR46	152	174	186
BDR36	121	142	169

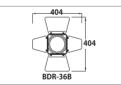
ITEM Ø (mm)	A	В	C
BDR30	100	127	143
BDR20	56	79	88
BDR16	51	73	83

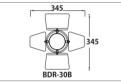


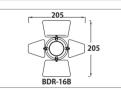












Adjuster for PAR64 & PAR56





PS-64 Parsafe for Par 64 / 56



It is with high temperature resistance, which offers great benefits to can.

- 1. Provide safe operation when lamp is installed
- 2. Double electric insulation (excluding socket)



ES-01



ES-01SC



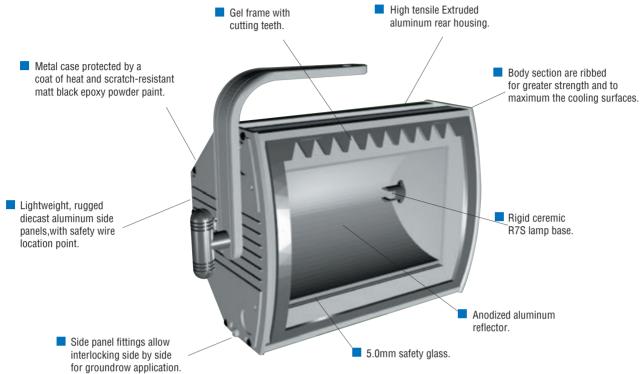


Socket for Par 64 / 56

- 1. ES-01 EMEP socket.
- 2. ES-01SC EMEP socket with 72cm silicon cable.
- 3. ES-02 Top off ceramic socket

Kupo CYC & FDL are made with high standards. The following demonstrates the features of the range.





Interlocking



Fixture quickly and securely interlock side by side for ground row application.



ground row joint

TUV Version



TUV Version composes the microswitch. When door is opened power of lamp housing is automatically shut off.



microswitch

Installation



Easy and safe lamp installation is provided via a hinged access door. Friendly and easy gel installation is supported with the hinged access door designed on color frame. The gel can be settled smoothy without wrinkle.

Ventilation



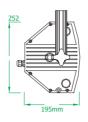
Excellent ventilation is provided with air circulation paths at both rear and front of the reflector/ lamp housing



CYC-500 / 1000



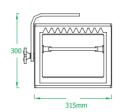
CYC-500

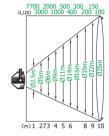


(m) 1 273 4 5 6

CYC-1000





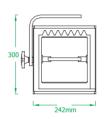


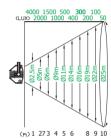
FDL-500/1000



FDL-500

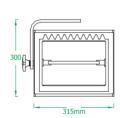


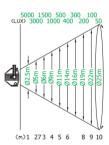




FDL-1000



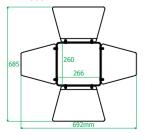




Optional Accessories / Barndoor (BDR)



BDR-500



758

BDR-1000

YL-1500 [Flexible linking Yoke for CYC / FDL]







R7S Socket for CYC & FDL Dia. 1.5 mmsq; length 25 cm.

Fresnel & Prism Convex

These two luminaires are most often used in the theatre for top or back lighting at medium throw distance. Kupo Fresnel and Prism Convex are well-known for its classic design and built with aluminum alloy, making the lighting lightweight and sturdy for theatre.





Features





Ribbed body and meshed top plate for better cooling convection.



Spring at side of front panel for efficiently setting gel frame; a lightweight folded steel gel frame is supplied.



Positive and friction disk ensures firm yoke locking; bakelite knob for greater heat reistance.



Hinged lamp tray for easily lamp replacement and reflector cleanup without additional tool.



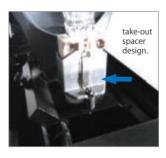
Front and rear screw-pole focusing knobs for precise focal adjustment with comfort and safety.



Safety wire location hole on the rear plate for easily access



Concentric ripple Fresnel lens casts soft and even light beam projection



Taking out lamp spacer turns 1000W to 1200W, and 500W to 650W fixture



Constructed of high tensile aluminum extrusion and high pressure die-cast, for max. durability and lightweight





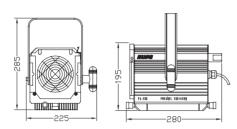


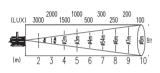


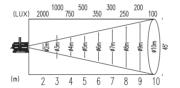


FS-500 Fresnel Spotlight 500 / 650W

Fresnel spotlight 500 / 650W; lampholder GY9.5, Lamp: T18/500W; T26/650W, Black (take-out lampbase spacer for 650W).







Photometric Data: Calculate for spot & flood focus from peak candela reading.

CE

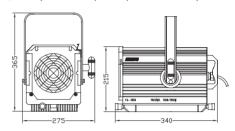


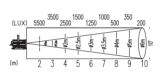
PS-1000 Prism Convex Spotlight 1000 /1200W

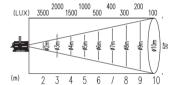
Prism convex spotlight 1000 / 1200W; lampholder GX9.5, Lamp: T19/ /1000W; T29/1200W, Black (take-out lampbase spacer for 1200W).

FS-1000 Fresnel Spotlight 1000 /1200W

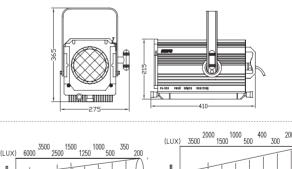
Fresnel spotlight 1000 / 1200W; lampholder GX9.5, Lamp: T19/1000W; T29/1200W, Black (take-out lampbase spacer for 1200W).

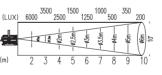


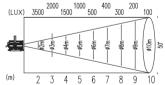




Photometric Data: Calculate for spot & flood focus from peak candela reading.







Photometric Data: Calculate for spot & flood focus from peak candela reading.

Barndoor BDR-FS05





Audience Blinder

The audience blinders have been designed for PAR36 ACL 28V 250W or DWE 120V 650W lamps. The units consist of a sturdy, black anodized aluminum case with a strong, adjustable bracket. The rear plate with louver for better ventilation and keeping lamp life longer. The heavy duty yoke with positive lock off and T bar enables this unit to be set at any angle. Each bank can be adjusted. Both PAR64 and MR16 are delivered prewired without light sources. Please specify on order when wiring service is required.





1. Lightweight

Kupo's whole range of blinders are constructed by thick gauge of aluminum alloy metal sheet which makes the fixtures rigid and lightweight. This is the reason why it passed the devastated touring on road.

2. Better ventilation

It is designed with louver type ventilation holes on the rear plate which brings better ventilation on the fixture and keeps the lamp life longer. And, it will not cause light leakage.





3. Sturdy yoke with Positive lock

The mounting yoke with one side positive lock is for quick and reliable locking, even with additional front load such as scroller.

4. Lamp retaining ring in allowable dimension

ID113.5 mm lamp retaining rig for O.D. 111 mm PAR36 lamp. a correct allowance not too tight and not too loose.

6. Assorted range available



5. Easier lamp replacement

Rear plate is screwed, easily and friendly for lamp replacement and wiring.

7. Suitable for all major brands of color changers

The mounting holes on both sides are industry standard pitch and may fit with major brands of color changers.

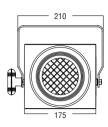






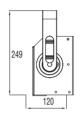


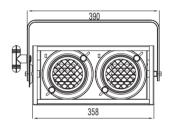




SB-361 [1LITE BLINDER]

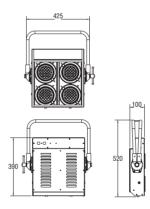


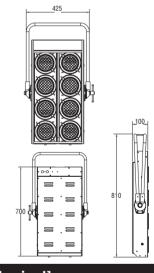




SB-362-I [2 Lite Blinder Unwired]







SB-364 [4LITE Blinder Unwired]

SB-368 [8LITE Blinder Unwired]





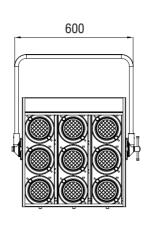
SB-368V [8-Lite Vertical Unwired w/ Extra Horizontal Mounting Plate]

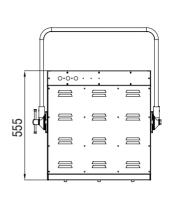


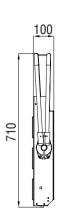
SB-368HY Optional Horizontal Yoke (only) With the optional horizontal yoke, SB-368V can be set in both vertical and horizontal direction.

AUDIENCE BLINDER



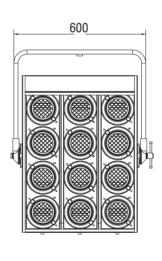


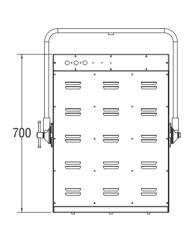


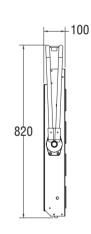


SB-369 [9-Lite Bank Lite, Unwired]







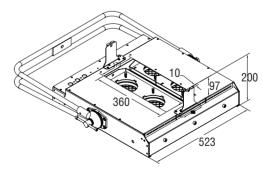


SB-3612 [12-Lite, Unwired]





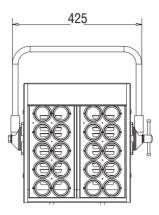
SB-369D [Duo Blinder]

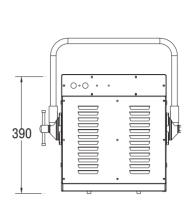


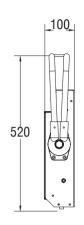
An unique combination of two effects, blinder and strobe, in one fixture. This special and fascinating luminaire is designed to merge with 3000W DMX strobe, by removing the central row of convention 9-lite blinder and affixing an unique bracket for 3000W DMX strobe easily joint together. Adding up with a color scroller, this luminaire turns to deliver impressive and powerful effect and leavesthe event unforgettable. The design is working perfectly with Martin Atomic 3000W DMX strobe and major brands of 9-lite color scroller.





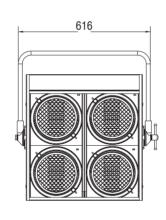


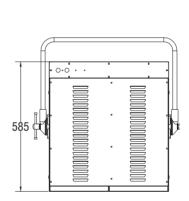


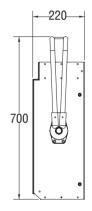


SB-M20 [MR16 20-Lite Wired]









SB-644 PAR64 4LITE, Wired

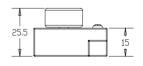


TS-36 for terminal type lamp (PAR-36, PAR-46, PAR-64)

Optional Accessory for easy wiring

TS-36 Tofu (Terminal Safe) Tofu (Terminal Safe) is made to provide user with protection from electric shock, especially for the lamp with screw terminal such as PAR36 , PAR46 and PAR64 (GE4552).Ceramic finish features heat resistance and electrical isolation. Tool-free design leaves lamp maintenance easily. TS-36 is supplied without wire.











FOLLOWSPOT

Followspot

Ideal for many stages amd venues, Xenon Followspot features quick trigger and play. The cold mirror reflector makes heat pass behind and gives high visible light forward. Three cooling fans help provide better ventilation. Four rear knobs are designed for easier adjustment of lamp position. The entire set of Kupo followspot includes a ballast, stand, lamp and fixture itself. Full range of 1,000, 2,000, 3,000 and 4,000W Xenon Followspots. High quality engineering, blending ruggedness with a compact lightweight design, gives precise fingertip control of one of the world's most manoeuvrable and powerful Xenon Followspots.

KXS-1000W

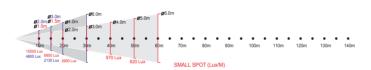


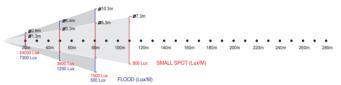
- 1KW followspot
- weight: 34kg
- color changer: 3kg
- stand: 33kg
- ballast: 25kg
- lamp: Xenon 1000W

XS-2000W



- 2KW followspot
- weight: 50Kg
- color changer: 4kg
- stand: 33kg
- ballast: 25kg
- lamp: Xenon 2000W





XS-3000W

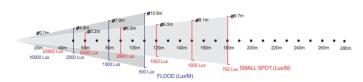


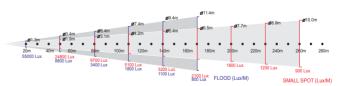
- 3KW followspot
- weight: 70kg
- color changer: 4.5kg
- stand: 35kg
- ballast: 25kg
- lamp: Xenon 3000W

XS-4000W



- 4KW followspot
- weight: 85Kg
- color changer: 5kg
- stand: 35kg
- ballast: 30.5kg
- lamp: Xenon 4000W





Features

- 1. The edge of the Iris of Kupo Xenon Followspot is smooth.
- 2. The operation is easy and with good safety.
- 3. A micro-switch (safety ring) of the lamp housing for safety. If the lamp housing is opened the power would be automatically shut off.
- 4. Cold mirror coating for heat transmission to support high infrared transmission and high visible light reflection.
- 5. Xenon Lamp is stable at color temperature 6,000K (5,600K), high range of projection (for application in stadium, event and concert) and long life (1,000hrs), especially no need stand-by (warm up) time.
- 6.The ignitor is small which brings the output more focus and long distance.



RS-38

PAR38 Lamp, with color frame, barndoor, E27 socket and 50cm silicon cable. Available with Black, White, Silver-gray.



KP-HQI-382

70W / 150W, 220V 300 (L) x 135 (Dia) mm. Available with Black, White, Silver-gray.



KP-PAR30-EU

CDM PAR30 Lamp 253 (L) x 155 (W) mm for Euro Track. Available with Black, White, Silver-gray.



KP-366

HQI-TS 70W / 150W 120V, optional 4-leaf barndoor 265(L) x 145 (dia) mm. Available with Black, White, Silver-gray.



RS-30

PAR30 Lamp, with color frame, barndoor, E27 socket and 50 cm silicon cable. Available with Black, White, Silver-gray.



KP-313

300W J-Type Lamp 170(L) x 100(W) mm. Available with Black, White, Silver-gray.



SP-16LB / LP & SP-16SB / SP

PAR16 short nose, or long nose with TT-12 track, 12V50W transformer. Available with Black, Silver. short / long.



PJ-500

Elegant, Aluminum Housing, Built-in 12V 50W transformer MR16 Lamp. Available with Black, White.

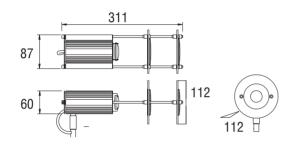
MINI PROJECTOR

Two adjustable lens varies zoom and focus - friendly to adjust & lock. Available in white and black finish. Recommended lamp type MR16 / 38 degree 50W or 75W. Supplied with universal adjustable mounting adaptor for attachment to track or ceiling type 12V 50W transformer.



UT-310 [Black or White]

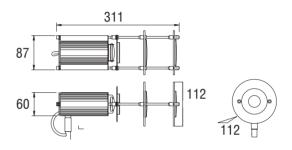
Gobo Projector with two standard gobos Black, Weight: 1.36 kg.





UT-330 [Black or White

Slide Projector Black, Weight: 1.36 kg.



Mini Track [Black & White]





Mini Track	Description
J-110	1M Track
J-115	1.5M Track
J-120	2M Track
J-130	3M Track

Mini Track Lighting Accessories



J-131 Live End J-132 End Cap



J-135 90 Degree Connector



J-143 Mono-point Connector



J-133 Mean Connector



J-139 Flexible Couple



J-SK Ceiling Suspension Kit



J-134A Straight Connector J-134B Mechanical Connector



J-140 Adaptor J-140B Track Adaptor



J-MK Wall and Ceiling Kit

Track & Accessories

Two Wires System

Black & White Color / Superior Quality



Two Wire System	Description
W-210	1M Track
W-215	1.5M Track
W-220	2M Track
W-230	3M Track

Accessories

W-231 Live End W-232 End Cap



W-236 T Connector



W-240 Pendant Adaptor



W-234 Straight Connector



W-237 + Connector

W-241 Floating Canopy



W-239 Flexible Connector



W-242 Outlet Box Cover W-243 Monopoint



Four Wires System





Throo	Wiros	Suctor
inree	wires	System

Three Phaser	Description
W-410	1M Track
W-415	1.5M Track
W-420	2M Track
W-430	3M Track



W-235 L Connector

W-431 Live End Connector



W-432 End Cap



W-433 Mini Joiner



W-434 Straight Connector



W-435 L Connector



W-436 T Connector



W-437 + Connector



J-SK Ceiling Suspension Kit



W-439 Flexible Connector W-440 Pendant Adaptor





Transformer & Adaptor





CT-12B Black Color CT-12W White Color Ceiling Type 12V50W Transformer



TT-12B Black Color TT-12W White Color 2 Wire 12V50W Transformer



W-240B Black Color W-240W White Color Adaptor 2 Wire



TT-SD Euro Track 12V50W Transformer

Lighting Accessories IRIS

Offering a great method for precise and smooth lighting control.



- Features are shown as below:
 aperture size adjustable from 4.5 mm to 75 mm.
 has anti-heat absorbing radiance characteristic.
 3 fixed focusing hole for quick and easy positioning.
 formulated gray painting provides as superior heat resistant as up to 450 °C for stainless steel leaves.
 tailor-made backing plate available upon request.



ETI-F18

18 Leaves For S4, Shakespeare, S6 Series

A: 120 mm C: 13 mm B: 137 mm D: 102 mm



ETI-F24

24 Leaves For S4, Shakespeare, S3 Series, Marumo Rayer

A: 120 mm C: 13 mm B: 137 mm D: 102 mm



ETI-P18

18 Leaves For Pacific, Freedom

C: 13.5 mm A: 118 mm B: 153 mm D: 102 mm



ETI-FJ18

18 Leaves For S4 junior

A: 80 mm C: 12.5 mm B: 110 mm D: 78 mm



ETI-S24

24 leaves for SL

A: 107 mm C: 14 mm B: 115 mm D: 102 mm



ETI-W24

24 Leaves Iris Shutter (Open To Fully Close)

A: 120 mm C: 13 mm D: 102 mm B: 137 mm



ETI-A20

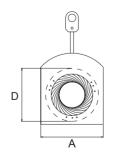
20 Leaves Iris for Acclaim

A: 95.6 mm C: 14.6 mm B: 140 mm D: 89 mm



ETI-M12

IRIS for Moving Head







Size: mm



2.5": 18 leaves Iris for dia 46 mm aperture.



3": 18 leaves Iris for dia 52.6 mm aperture.

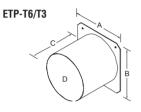


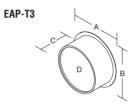
4": 18 leaves Iris for dia 75 mm aperture.



5": 18 leaves Iris for dia 90 mm aperture.

Top Hats



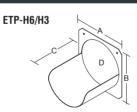


Top Hat is shaped in cylinder with a hole for light to pass through, but taking away the glint of lighting fixture directing to the audience. It is a light control device to shelter the audience eyes from the direct light source. The inner surface of cylinder is treated with black flocking so as the glare can be reduced, and the snoot is physically to eliminate the light spill.

Product Code	Distance	A	В	С	D
ETF-T5	S4, SL, SHAKESPEARE, SELECON Pacific/SPX	159	159	126	126
ETP-T6	6"LEKO	191	191	152	152
ETF-T3	SHORT S4, SL, SHAKESPEARE, SELECON Pacific/SPX	159	159	76	126
ETP-T6S	S4 Z00M, S4 PAR, PARNEL, 6" LEKO, 360Q	191	191	152	171
ETP-T3S	S4 Z00M, S4 PAR, PARNEL, 6" LEKO, 360Q	191	191	76	171
ETF-T10	S4 10 DEGREE, SL, 10 DEGREE	305	305	252	252
ETF-T12	S4 5 DEGREE	354	354	302	307
ETH-64	PAR64 (ALTMAN AND L&E)	254	254	202	202
ETH-643	SHORT PAR64 (ALTMAN AND L&E)	254	254	76	202
ETH-16	PAR16	73	73	51	51
EAP-T6	S4 PAR ROUND FRAME, S4 ZOOM, S4 PARNEL	191	191	152	166
EAP-T3	SHORT S4 PAR ROUND FRAME, S4 ZOOM, S4 PARNEL	191	191	76	166

Half Top Hats Size: mm

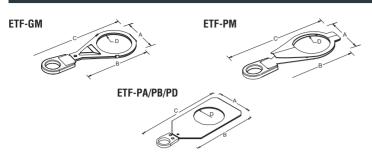




Half Top Hat is functioning like top hat, but just with half cylinder, therefore the light spill blocking is subject to the desired direction where the half top hat is placed.

Product Code	Distance	А	В	С	D
ETF-H5	S4, SL, SHAKESPEARE, SELECON Pacific/SPX	159	159	126	126
ETF-H3	SHORT S4, SL, SHAKESPEARE, SELECON Pacific/SPX	159	159	76	126
ETP-H6	S4 Z00M, S4 PAR, PARNEL, 6" LEKO, 360Q	191	191	152	166
ETP-H3S	S4 Z00M, S4 PAR, PARNEL, 3" LEKO, 360Q	191	191	76	166
ETF-H8	PAR64 (ALTMAN AND L&E)	254	254	202	202
ETF-H10	S4 10 DEGREE, SL 10 DEGREE	305	305	252	252
ETF-H12	S4 5 DEGREE	354	354	302	307
ETP-16	PAR16	73	73	51	51
EAP-H6	S4 PAR ROUND FRAME HALF TOP HAT 6"	191	191	152	166
EAP-H3	S4 PAR ROUND FRAME HALF TOP HAT 3"	226	226	76	166

Pattern Holder Size: mm

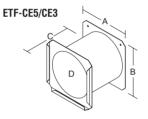


Pattern holder is a metal frame made to accommodate a metal gobo, leaving the metal free from warped.

Heat-resistance plastic knob is mounted atop for convenient utility. It is placed directly in the focal plane of the fixture so as to project the image. Glass holder is also available for a glass gobo to fit it.

Product Code	Distance	А	В	C	D
ETF-PA	A SIZE PATTERN HOLDER FOR S4	94	174	228	81
ETF-PB	B SIZE PATTERN HOLDER FOR S4	94	174	228	70
ETF-PD	B SIZE PATTERN HOLDER FOR SELECON PACIFIC/SPX	114	201	250	70
ETF-GHS	86mm OD GLASS (GOBO SLOT) PATTERN HOLDER FOR S4	94	184	238	70
ETF-GH	82mm OD GLASS (GOBO SLOT) PATTERN HOLDER FOR S4	94	184	238	70
ETF-GHD	86mm OD GLASS (GOBO SLOT) PATTERN HOLDER FOR SELECON PACIFIC/SPX	114	201	250	70
ETF-PM	M SIZEZ PATTERN HOLDER FOR S4 JUNIOR	69	109	157	54
ETF-GM	M SIZE GLASS HOLDER FOR S4 JUNIOR	69	109	162	54
ETF-PC	PATTERN HOLDER FOR COLOR STRAN 5/50 SERIES	102	175	175	78

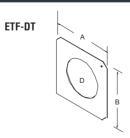
Color Extender Size: mm



Color Extender is the combination of gel frame and top hat; two functions in one device. Gel slot is at the front of the unit, leaving more space for heat to travel and cool down, which eliminates gel burnout.

Product Code	Distance	А	В	С	D
ETF-CE5	S4, SL, SHAKESPEARE, SELECON Pacific/SPX	159	159	126	126
ETF-CE3	SHORT S4, SL, SHAKESPEARE, SELECON Pacific/SPX	159	159	76	126
ETF-64CE	PAR64 (ALTMAN AND L&E)	254	254	126	202
ETP-CE6	S4 Z00M, S4 PAR, PARNEL, 6" LEKO, 360Q	191	191	152	166
ETP-CE3	S4 Z00M, S4 PAR, PARNEL, 3" LEKO, 360Q	191	191	76	166

Donut Size: mm

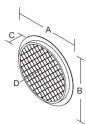


Donut is functioning as top hat, not only eliminating the spill of light but also reducing the lens flare and unwanted scattering light for sharpening the projected patterns and

Product Code	Distance	Α	В	С	
ETF-DT	S4, SL, SHAKESPEARE, SELECON PACIFIC/SPX	159	159	76	
ETF-DT3	6" LEKO, 360Q	191	191	76	
ETF-DT6	S4 10 DEGREE, SL 10 DEGREE	305	305	150	
ETF-DT7	S4 5 DEGREE	354	354	182	

Egg Crate Louver

EAP-L



Egg Crate Louver is an architectural accessory and cuts off 45 degree angle of the light. It eliminates the distracting glare, renders more precise light distribution, shields lamps from direct view, and reduces luminaries surface brightness for maximum visual comfort.

Product Code	Distance	Α	В	C	D	
EAP-L	S4 PAR EGG CRATE LOUVER	191	191	13	166	

Note: Give A 45 Degree Cutoff Angle; Keep The Audience From The Glaring Light Of The Lens.

Beam Bender Size: mm

ETF-BB



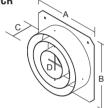
Beam Bender is made with an adjustable mirror so as to change the angel of beam output. It is an ideal and helpful device for projecting the light around irremovable obstructions. The fixture could be concealed, and with beam bender, the light output could reach the area with maximum output.

Product Code	Distance	A	В	C	D
ETF-BB	S4	175	155	310	-

Note: Adjust Beam Angle, Reach Maximum Light Output At Floor Level.

Concentric Ring Size: mm

ETP-CR



It is built up with three concentric cylinders to get the comparable function to a full 6" top hat but just with only in 2" profile. Concentric ring offers full control of spill and scattering beam for the S4 PAR and ParNel.

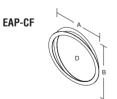
Product Code	Distance	A	В	С	D
ETP-CR	S4 PAR CONCENTRIC RING 2"	191	191	52	166

Note. Compatible To 6" Top Hat; Control Of Stray Beams And Spill

Concentric Ring Size: mm

ETF-CF

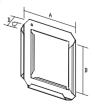




Product Code	Distance	Α	В	C	D
ETF-CF137	S4, SL, SHAKESPEARE, SELECON PACIFIC/SPX	159	159	-	137
ETF-CF152	6" LEKO, 360Q	191	191	-	152
ETP-CF172	S4 Z00M, S4 PAR, PARNEL	191	191	-	172
ETF-CF203	PAR64	254	254	-	203
ETF-CF254	S4 10 DEGREE, SL 10 DEGREE	305	305	-	254
ETF-CF304	S4 5 DEGREE	354	354	-	304
EAP-CF	S4 ROUND FRAME	190	190	-	165

Adaptor Size: mm

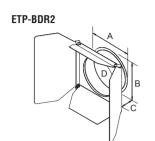
ETF-ADP



Product Code	Distance	A	В	C	D
ETF-ADP	159mm to 191mm adaptor for S4, SL,SHAKESPEARE, SELECON	192.5	136	12.5	22.5

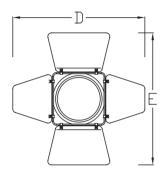
Barndoor

Barndoor is generally constructed of four leaves and attached to the front of lighting fixture to shape the beam of the light. It is usually used for the diffuse light like a Fresnel, flood light, and Par Can, in order to get a more focused coverage field or prevent the light spilling into the areas where it is not wanted. As "profile" light like Source Four has more focused beam, it is rarely used with barndoor.

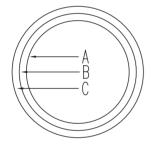


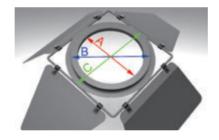


Product Code	Distance	A	В	C	D
ETP-BDR	S4 PAR, PARNEL	191	191	-	162
ETP-BDR2	S4 PAR, PARNEL WITH COLOR EXTENDER	191	191	50	173
BDR-64B	PAR64	264	264	-	218



Product Code	A	В	C	D	E	Size: mm
BDR-LST150	63	78	90	174	184	
BDR-LST300	112	128	145	328	330	
BDR-LST650	145	160	175	400	414	
BDR-LST1000	180	195	217	497	504	
BDR-LST2000	223	245	286	560	587	
BDR-LST5000	316	345	385	800	830	
BDR-LST10000	478	504	520	1115	1175	
BDR-LSP575	187	194	216	495	506	
BDR-LST120	312	342	390	805	830	

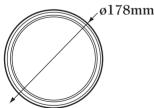




Four-leaves barndoors are also available in variety dimension for TV / Film lighting fixtures.

Beam Shape Change Lenses & Dichroic Color Filter

R5MFL/ NSP/ VNSP

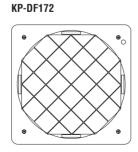


ø178mm

KP-DF130

KP-DF





Product Code	Distance	Size: mm
R5MFL	Dia. 178 mm medium flood lens	
R5NSP	Dia. 178 mm narrow spot	
R5VNSP	Dia. 178 mm very narrow spot	
VD D5400	Dia. 130 mm	
KP-DF130	Dichroic filter for S4 w/safety color frame	
KP-DF172	Dia. 169.5 mm	
	Dichroic filter for S4 par w/safety color frame	





Dichroic Filter









Dichroic filters are optically coated with dielectric thin films vacuum-deposited onto glass substrate. They transmit light of certain color and reflect the complementary color. Kupo assures the quality filters and the absolute spectral stability that expresses consistent shades and perfect images. No matter applied indoors or outdoors, Kupo dichroic filters are excellently resistant to environmental degradation. We have a comprehensive selection of colors that provides the flexibility for you to choose the suitable ones for your projects.











Color Tolerance

- Within + / -5 nm of designed central wavelength.

Technical Specification

- Humidity. Adhesion. Abrasion.
- Resistance MIL-M-13508C.

Features

- True-to-life colors.
- High transmission of desired light.
- Excellent heat resistance.
- Low maintenance & cost-saving.

Applications

- Architectural lighting.
- Entertainment and stage lighting.
- Precise use for electronics and industrial applications.
- Maximum Operation Temperature
- Soda-lime Material: 150 degree C
- Tempered Material: 250 degree C
- Borofloat Material: 450 degree C
- Available Size
- Square: 7 300 mm - Round:10 - 425 mm

Installation

To achieve a better effect, it is suggested to install the coated side of filter toward the light source. The filter should be set at the angle of 90 degrees to the light path to avoid undesirable color shift. Moreover, for the best color performance, the filters are not recommended to be placed at an extreme angle greater than 40 degrees in the lighting fixtures.

We offer diverse dichroic filters including

- (1) Hot Mirror for Heat Reflection: high infrared energy reflection; block near UV energy for excellent visible transmission; ideal for museum and architecture professions.
- (2) Cold Mirror for Heat Transmission: high infrared transmission; high visible light reflection; ideal for surveillance camera and medical illumination.





- (3) UV Block Filter: high UV energy reflection and high visible light transmission; ideal for art gallery, museum or where the precious objects should be shielded from light damage.
- (4) UV Transmission Filter: UV energy transmission and visible light reflection; perfect for fluorescent effect and tanning facility.

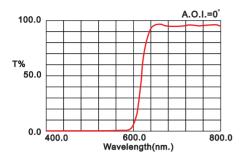
DFS-B Dichroic Sample Book

Characteristics

- 68 standard dichroic colors.
- 6 kinds of colors coorection filters.
- 7 reflective color filters.
- 4 kinds of patterned glass.
- Color Comparison List with Kupo, Rosco and Lee colors.
- Substrate:Borofloat.

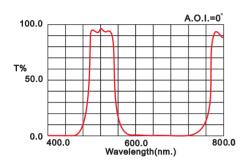
DICHROIC FILTER

(1) Long Pass



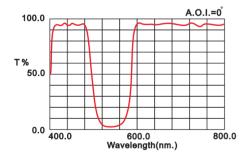
Y10001 Spring Yellow (Y0200) LEE#765	Y1002 Medium Yellow	Y10103 Yellow	O2210 Gold Orange	O1911 Sunset Orange	O16412 Orange (O1823) ROSCO#19 LEE#019
Y76704 Canary (Y89312) ROSCO#312 LEE#101	O10405 Amber	O01506 Straw	R2613 Fire (O0819) LEE#182	R2714 Red (R9926) ROSCO#26 LEE#026	R15 Ruby Red
O17907 Deep Amber	O15808 Light Orange	O77809 Golden Amber (O5921) ROSCO#21 LEE#021		R17 Dark Red (R0027) ROSCO#27 LEE#027	R2918 Plasa Red

(2) Band Pass



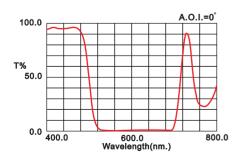
G32701 Forest Green	G32502 Mallard Green	G32503 Beryl Green	G73504 Velvet Green	G13905 Green (G28389)	G73606 Dark Green
G73607 Jelly Green	G73608 Grass Green	G13909 Primary Green	G2810 Light Green (G01)	G73611 Oasis Green	G2812 Fern Green
G73813 Pale Green	G73814 Lime Green	G74015 Yellow Green	G8916 Moss Green	G9017 Jade	G72918 Scuba Blue

(3) Notch



M5601 Magenta (M56339)	M79502 Magical Magenta	M79303 Vanity Fair	M4904 Plum	M12613 Fantacy Magenta	M79516 Dark Rose
M4905 Deep Magenta	M79506 Rose Pink	P12607 Mauve	M79508 Rose	M11114 Bright Pink	
P79909 Special Lavender	P12610 Light Purple	P79711 Purple		M32815 Pink (M63336)	

(4) Short Pass



V7101 Blue-Purple (V6700)	V79902 Special Blue	B18103 Dark Blue (B01) ROSCO#59	B70704 Ultimate Violet	C35413 Steel Blue	C13116 Marine Blue
B71305 Blue (B4700) ROSCO#56 LEE#715		B8507 Bright Blue (B2879) ROSCO#79 LEE#079	B71408 Elysian Blue	C11514 Peacock Blue	
B6809 Sky Blue	B14110 Shiny Blue	B0611 Brilliant Blue (B06669) ROSCO#69 LEE#183	B11812 Light Blue	C11715 Italian Blue (C45370) ROSCO#370	

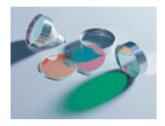
Note: Printed colors for reference only, not definitely identical to real dichroic colors.



Color Correction Series

KUPO Color Correction Filters are used in applications where it is desirable to change color temperature of various light sources. These subtle and less saturated tones are ideal for interior and exterior architectural lighting schemes.

Daylight Conversion		Tungsten Conversion		
CTO-001	Full C.T.O. Converts 5500K Daylight to 2800K	CTB-001	Full C.T.B. Converts 3200K Sources to normal daylight, 5500K	
СТО-002	Half C.T.O. Converts 5500K Daylight to 3800K	CTB-002	Half C.T.B. Boosts 3200K, Sources to 4200K	
CTO-003	Quarter C.T.O. Converts 5500K Daylight to 4500K	CTB-003	Quarter C.T.B. Boosts 3200K, Sources to 3600K	



MR16 Glass Holder

Light-weighted and aluminum-machined rings with an enhanced spring provides a handy method for fixing a glass or dichroic with MR 16 bulb. It accepts a glass or dichroic in dia. 49.50mm and up to 1.3mm thickness to fix in. Finish with metallic silver.



Product Code	Distance
KP-DF50-RING	Dia. 49.5mm glass holder for MR16 (w/o glass)
KP-DF50	Dia. 49.5mm glass filter with holder for MR16



PAR-16/20 Glass Holder

Made of thermal plastic and features heat resistant. This holder offers a quick and simple way for a glass or dichroic to attach to a PAR-16/20 in the front gel clips. It accepts dia. 59mm glass for PAR-16, or dia. 68mm for PAR-20. Black finish.



Product Code	Distance
KP-DF59-HOLDER-B	Dia. 59 mm glass holder for PAR16 (w/o glass)
KP-DF59	Dia. 59 mm glass filter with holder for PAR16
KP-DF68-HOLDER-B	Dia. 68 mm glass holder for PAR20 (w/o glass)
KP-DF68	Dia. 68 mm glass filter with holder for PAR20

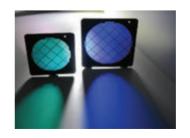


KP-DF168

DIA. 168 mm dichroic filter for PAR56 fixture with safety color frame (with mesh).

KP-DF210

DIA. 210 mm dichroic filter for PAR64 fixture with safety color frame (with mesh).



KP-DF130

DIA. 129.5 mm dichroic filter for S4 with safety color frame (with mesh).

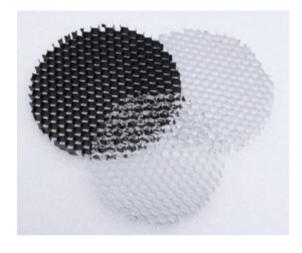
KP-DF172

DIA. 210 mm dichroic filter for PAR64 fixture with safety color frame (with mesh).

HONEYCOMB

Honeycomb

A honeycomb is an essential accessory for any lighing system used to minimize or eliminate glare from normal viewing angle. It is made up of the aluminum foil with a hexagon shape. It can be a shield to prevent the dazzle of illuminator. Honeycomb comes with different degrees to give creative effect. The honeycomb grid should be used in conjunction with a lens as it provides no protection for the lamp. Usually it decrease the center beam brightness by about 20%. Application is typical in up lighting, down lighting, illuminating art or any application where spill light would be objectionable.



Feature

- 1. Change the shape and intensity of the light output from light source.
- 2. Lightweight.
- 3. Dazzle Prevention.

Quality Approval

- 1. RoHs certification.
- 2. The consistency of painting coating.
- 3. No painting fading under UV illumination.
- 4. With 250 degree C heat-resistance.

Specification

Material: Aluminum Foil. Color: Black or Silver.

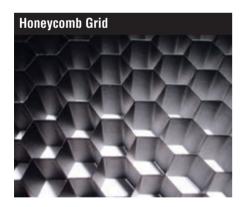
Available Size

Square: 35 mm - 300 mm Round: 35 mm - 300 mm

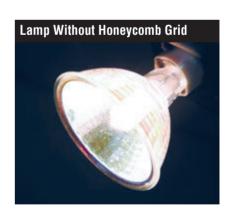


Aperture sizes are available w/ the following dimensions

Cell Size			Cell Depth	Cell Depth		Open Area	
1/8" (3 mm)	3 mm	-	5 mm	6 mm	-	95 %	
3/16" (4.5 mm)	5 mm	6 mm	9 mm	10 mm	-	95 %	
1/4" (6 mm)	6 mm	-	10 mm	12.7 mm	20 mm	95 %	
Cut Off	45 degree	52 degree	60 degree	65 degree	72 degree	-	







MR16 Honeycomb Holder

This elastic device is made of stainless steel with heat treatment, rendering honeycomb a flexible fit to any brands of MR16 bulb. With four bended teeth on the rim, it could hold the honeycomb firmly in the position to prevent falling off while attaching to the blub. It is also feasible to accommodate a glass or dichroic to fit in as well. Black coating finish.







Coolite

Coolite series gooseneck lamps can be suited to lighting equipment, console, mixer and lighting cabinet rack or whatever a low light application needed. There are traditional halogen lamp (CH series) and innovation detachable LED (CL series) type. Both types are available in 12" and 18" length. Black finished as standard. XLR (3 Pin), XLR right angle (3 Pin) and BNC connectors are standard connectors, please specify when order.

HALOGEN LAMP



CH series have 8 mm diameter gooseneck and 12V / 5W high intensity lamp.

LED



CL series have 5 mm diameter gooseneck and 4 LED lamp (about 0.26W).

MOBILE HALOGEN LAMP



CH series have 8mm diameter gooseneck and 12V/5W high intensity replaceable lamp head.

BNC CONNECTOR



CH-12B 12" with BNC connector. CH-18B

18" with BNC connector.

CL-12B

12" with BNC connector.

CL-18B

18" with BNC connector.

CH-12BM

12" with BNC connector.

CH-18BM

18" with BNC connector.

XLR 3 PIN CONNECTOR



CH-12X 12" with XLR 3 Pin connector. CH-18X

18" with XLR 3 Pin connector.

CL-12X

12" with XLR 3 Pin connector. **CL-18X**

18" with XLR 3 Pin connector.

CH-12XM

12" with XLR 3 Pin connector.

CH-18XM

18" with XLR 3 Pin connector.

XLR 3 PIN RIGHT ANGLE CONNECTOR



CH-12XR

12" with XLR 3 Pin right angle connector

CH-18XR

18" with XLR 3 Pin right angle connector.

CL-12XR

12" with XLR 3 Pin right angle connector.

CL-18XR

18" with XLR 3 Pin right angle connector.

CH-12XRM

12" with XLR 3 Pin right angle connector.

CH-18XRM

18" with XLR 3 Pin right angle connector.







12" Gooseneck 3-pin XLR with on/off switch (LED head light).





Rack Lighting with Double Gooseneck lamp Dimmer on-off switch

19" wode x 1.75".

OPTIONAL ACCESSORIES



LGN-9001 XLR female connector type Dimmer on-off Switch



LGN-9003 **BNC** female connector typ Dimmer on-off Switch



LGN-0202 12V5W halogen bulb high tensity.



LGN-2203 Power adaptor 120V to 12V



LGN-2200 Power adaptor 230V to 12V



LGN-0200 5W halogen bulb.

LIGHTING CONTROL SYSTEM

Lighting Control System

DX-1220 and DX-1230 are digital DMX-512 modular dimmer pack, built up for 12-channel x 20A per pack or 30A per pack. They are ideal and reliable for theatre, concert hall, hotel, conference center, museum and art gallery, cinema, department store, entertainment center, disco night club, as well as architectural lighting design. A variety of functional and testing keys to help get maximum usage. Modular design enables you to change the modular pack without removing the whole unit.



DX-1220

12 Channel DMX Dimmer Pack; Maximum Output 20A Per Channel.



DX-1230

12 Channel DMX Dimmer Pack: Maximum Output 30A Per Channel.

Features

- 12 individual extractable modules with 12-channel control.
- DMX-512 and analog input.
- A MCB (NFB) for each channel.
- Output for each channel can be limited to protect the lamp.
- Emergent scene setting function to output scene data when losing DMX control signal.
- Thermo-controlled fan will be activated when the temperature is over 37°C; cease the output when over 63° C and restart below 60°C.
- Self-testing function to test without a console.
- Options of dimming or switch for each channel.

Specification

- Power: AC 100-240V; 45-63Hz, 3 phase 4 wire (other spec upon request)
- Protocol: DMX-512
- DMX signal connection: XLR 5-pin
- Analog signal input: DC / 0-10V
- Analog signal channel: 12 channel (pin1-pin12:CH1-CH12, pin15:GND)
- Analog signal connection: D type plug 15-pin
- Installation: 19" 4U standard rack
- Dimension: 482 (W) x 176 (H) x 297(D) mm
- Weight: 21kgs (DX-1220); 21.5 kgs (DMX-1230)



DX-404 Dmx Dimmer Pack

- Maximum 5A per channel, total 15A
- DMX512 signal
- Most advanced 'C3' dimming curve
- 256 steps resolution
- DMX start addressing setting
- Channel output status preview
- Auto frequency tracking
- Warm-Up setting 0-6%
- Automatic warm up function, protects loads and extend the life of bulbs.



STRUCTURE

- Power AC 100-120V. AC 200-240V. 45-63Hz.
- Signal connector XLR 3 Pin, 6P4C (RJ11) telephone jack.
- Location TRUSS hanging or desktop operation.
- Dimension: 240(W) x 88(H) x 120(D) mm.
- Weight: 1.2 kg.

DP-3A INTERFACE



Decode DMX signal into analog signal, start channel selectable.

DATA

- Power input AC 100-240V, 45-63Hz.
- Output channel 72 channels.
- DMX signal input / output DMX512 / 1990.
- DMX signal connection XLR 5 Pin.
- Analog signal output DC 0-10V.
- Analog signal output.
- channel 01 to 24: Pin 1-24: CH01-24; Pin 25: GND
- channel 25 to 48: Pin 1-24: CH25-48; Pin 25: GND
- channel 49 to 72: Pin 1-24: CH49-72; Pin 25: GND
- Analog signal connection D-Type plug 25 Pin.
- Dimension: 482(W) x 44(H) x 240(D) mm.
- Rack size 19" 1U rack mountable.
- Weight: 2 kg.

DP-81 DMX SPLITTER PANEL



DATA

- Power AC 100-240V.
- Control signal input 1PCS 5 Pin XLR female.
- DMX signal output / input DMX512 / 1990.
- Control signal output 8PCS 5 Pin XLR male.
- Dimension: 482(W) x 44(H) x 113(D) mm.
- Rack size 19" 2U rack mountable.
- Weight: 1.16 kg.

CX-1C TESTER



- Light & handy, portable.
- Available for testing synchromized signal DMX-in/ DMX-out.
- Build-in battery, it can work for several hours continuously (charge it 5hrs., it can work 3hrs. or waiting 100hrs.) LCD background lighting economizes on power to extend battery life.

Sleeping device

Stop working in 5min. running, it will be in the mode of sleeping to extend battery life.

DATA

- Power DC 12V / 1A.
- Battery type AAA 1.2V 4PCS rechargeable.
- DMX signal output channel DMX512/1990.
- DMX signal connection XLR 5 Pin (x2)phone jack RJ11 (x2).
- Dimension: 100(W) x 133(H) x 50(D) mm.
- Weight: 0.75 kg.

Digi-check Multi-function DMX Tester



DIGI-CHECK is designed for DMX diagnosis and cable tester.

The smallest and compact device that combines detect unit and white LED torch light.

Feature

- 9 LEDs indicate the status of DMX signal & data line in detail, Switch off automatically when suspending for 120 seconds; save battery life.
- Easy to change battery without any tool.
- Come with leather pouch and strape for max portability.
- Aluminum housing, CNC treated, anodized, Bright LED torch light/ White, 3 PIN/ 5 PIN male & female XLR plug,
- Low power consuming.

Product Code	Description	Dimension	Weight (kg)	Battery
DC-920	5 pin Digi-check	22 x 137 mm	0.15 ka	LR44 x 3PCS
DC-930	3 pin Digi-check	22 X 107 IIIII	0.10 Ng	(included)

Embeded one white LED as a torch light, DMX-512 signal level and load analyser, Individual data line inspector, Installed data line inspector.

Power DC 12V/1A.

Battery type AAA 1.2V 4pcs rechargeable batteries.

DMX signal output channel DMX512 / 1990.

DMX signal connection XLR 5 pin (x2) - phone jack RJ11(x2).







New Innovated Function

For those cables installed and not to have checkup, use one Digi-check at each end to implement inspection. (in such function, one XLR female adaptor will be required to use in the same time)



DIGI-SIT

Mounted resistor providing termination to DMX cable. Signal rescuer if inadequate DMX cable is used. Embedded red LED gives constantly voltage check. Die-casting cap with keyring hole leaves durability and portability to stagehand.

Product Code	Description	Dimension	Weight (kg)
DS-TM3	XLR 3 PIN		
DS-TM4	XLR 4 PIN	100(W) x 133(H) x 50(D) mm	0.40 kg
DS-TM5	XLR 5 PIN		





DF-500

Is a powerful and versatile special wind machine designed for studios, theaters, theme parks, touring, photographic and more. It is suitable for wide range application including blowing haze, smoke, bubbles, confetti or snow, cooling performers, dimmer racks or amplifiers even drying paint in studio. DF-500 can be controlled through standard DMX signal or master/slave operation through data link. Versatile yoke for overhead rigging, floor sitting or stand mounting. Housing is constructed from a molded lightweight plastic venting device with rugged tubular steel surrounded for transport and protection. The 11" one-piece blade and spiral front grill for creating narrow focus wind stream. Compact, lightweight and powerful.





YOUTUBE DMX WIND MACHINE

Specification

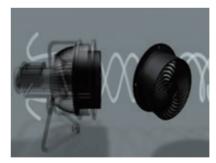
- Power input: 100-240V AC, 1200W, Current Max. 10A.
- Motor: 500W, Max. 3500RPM.
- DMX mode: DMX on-off and volume control.
- Memory: 9 mode memory setting available.
- One touch turbo function: 0-3500RPM within 5 sec.
- Air volume: 1700CBM / hr.
- Wind speed: 60KM / hr.
- Remote controller: Supplied w/3M cable.
- Built-in master / slave control interface.
- Dimension: 480 x 560 x 460 mm.
- Weight: 12.5 kg.

FOUR REASONS DIGIFAN MAKES A VORTEX WIND EFFECT

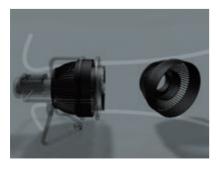
ALWAYS PUT THE FAN BEHIND THE SMOKE SOURCE SO AS TO NOT GUM UP THE FAN WITH FLUID.



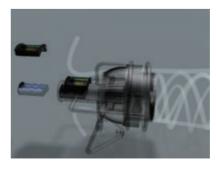
11" one piece deep pitch blade churn through the air, maximizing the amount of the air moved with the each turn of powerful motor.



The spiral shape designed front grill offset the direction of the air as it twists off the blade. This allows the air to travel long distance.



Air inlet duct tube ensures that the deep blade are fully enclosed in a cylindrical duct, air is sculpted into a column (beam of air).



To combine deep pitch blade, spiral grill, ducted tube and a switching power supply the multi function Digi fan is able to create a fully controllable vortex wind effect.

DigiFan Features



Multi functional control box for Manual, DMX and Program setting.



Switch for local or DMX operation mode.



Switching power supply with aluminum enclosure.



On/Off switch, universal 100-240V power input and fuse protection.



Molded plastic venting encompassed by rugged steel frame.



Sitting on floor by its own floor stand.



Sitting on stand with 28mm spigot.



Rigging on truss through the 13mm hole in the center of the bracket plate.



Industrial grade 500W, Max. 3500RPM Motor.

LINK



Locking knob with bearing for tighten yoke and adjusting direction.



11" one piece deep pitch blade.



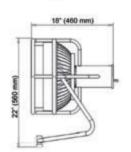
Dimension











Master and Slave - Up to 9 Fans can be locally controlled by one controller using DMX data link.



MB-055 DMX Mirror Ball Motor



Apart from conventional one. DMX mirror ball motor offers a flexible and selective control for the rotation. and generates much more diverse effects. It is compatible with standard DMX-512, and runs for 2 channels. The metal chassis is compact and sturdy, and also comes with a M10 fixing hole on top of bracket which makes installation easy and fast. It is designed to fit wide range of mirror ball size up to diameter 50 cm.

Features

- 1. Runs for 3 functions: DMX, stand-alone, master-slave.
- 2. Two DMX channels: channel one is output control where you could plug in lamp up to 60 W; channel two is motor control for controlling motor travel from 0.5RMP to 5R MP, for clockwise or counterclockwise
- 3. DMX-512 control: fully compatible with standard DMX protocol. The LED indicator will flash with 2 Hz while receiving the correct data.
- 4. Master-Slave: Any unit of the link can act as a master, and make the others in this link run synchronously. No controller or DMX signal is required in this mode.
- 5. Stand Alone: Speed and direction can be controlled by DIP switching.





Specification

- Power Input: AC90-250V 60 Hz.
- Power Consumption: 10W (Max).
- Fuse: 3 A.
- DMX Channel: 2 channels (one for motor / one for power output).
- Power output: 60 W (Max)
- Max Load: Dia. 50 cm (20") mirror ball.

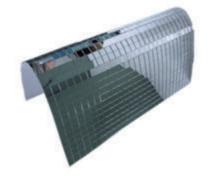
Mirror Ball

E0502 2" mirror ball E0504 4" mirror ball E0508 8" mirror ball E0510 10" mirror ball E0512 12" mirror ball E0516 16" mirror ball E0520 20" mirror ball E0524 24" mirror ball E0540 40" mirror ball E0550 50" mirror ball









MM-1212 Mirror Mat for 12" *12" glass

- 12 inch x12 inch flexible mirrored tiles sheet.
- Attach to walls, cylinders and more.
- Glass tiles 1.1 cm x 1.1 cm.
- Double sided tape .

Mirror Ball Motor



MBM-01 For 8"-20' mirror ball



MBM-02 For 24"-30" mirror ball



MBM-03 or 40"-60" mirror ball



Goreal Intercom

Goreal intercom system, including headset, belt pack and power station, is designed to fulfill the requirement for entertainment. It is a system featuring portable, compact, plug-n-play with no complicated settings. This system is ideal for the live event while the local communication is required, and making the communication clear, authentic and real-time.

Headset

The sophisticated headset with 270 degree rotatable mic provides greatest convenience for operation. Simply swing mic boom upward or downward to turn on or switch off the talking mode. Soft synthetic leather, complete embraced ear muffs, and adjustable headband makes the listening comfortable. Noise-proof and reliable.







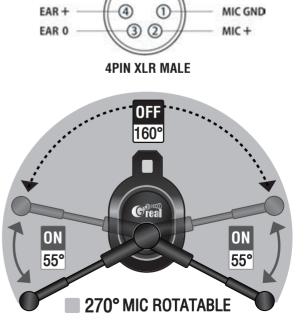
GR-802 [Double Muff]



SPECIFICATION

Headphones Type
Sensitivity
Frequency Response
Max. Input Power
Rated Impedance
Microphone Element
Frequency Response
Polar Pattern
Rated Impedance
Open Circuit Sensitivity
MAX. SPL:
Distortion
Connector/Cable

Circumaural, closed-back
90dBSPL
20-20,000 Hz
100mW
400Ω
Dynamic
150-10,000 Hz
Cardioid
250Ω
-60 dBV/Pa (1.0mV/PA) ±3dB, at 1KHz
136dB SPL (THD≤1%, at 1KHz)
<3%
4Pin/1.6M



Belt Pack

Belt pack is made of sturdy aluminum alloy housing making it much durable in touring. The rear metal clip makes this unit to hang on the wall or attach to the belt easily. The illuminating CALL button makes it pretty visible in the dark backstage. MIC button is made with bright yellow for easy identification. It comes with 3pin and 4pin socket connectors for interconnection.





GR-BP01 [Belt Pack]



1. "MIC" button

2. Voice (sidetone) level knob	5. Outlet for headset
3. Listen level knob	6. Inlet for circuit cabling
4. "CALL" indicator	7. Outlet for next belt pack

SPECIFICATION Power Requirement 24-30VDC **Earphone Output** 200Ω Microphone Input 200Ω dynamic Measurement 106 x 113.5 x 52.7 mm Weight 0.42 kgs

Power Station

The housing of power station is made of robust aluminum alloy extrusion. No worry for the AC power as it takes universal input (90-240V). Two circuits for respective maneuver, or looping them all in one group for real-time communication for maximum 20 units of belt pack (GR-PS01). It comes with 3pin socket connectors for interconnection.



GR-PS01 [Power Station]



1. Outlet for circuit A

2. On/Off switch for circuit A+B 5. Main power indicator 3. Outlet for circuit B 6. Main power inlet

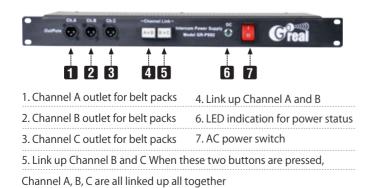
4. On/Off switch for main input 7. Fuse socket

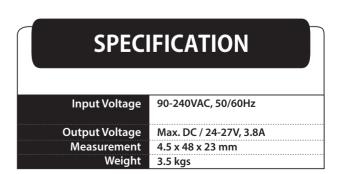
SPECIFICATION

90-240VAC, 50/60Hz Input Voltage (0.8A/115VAC, 0.56A/230VAC) **Output Voltage** Max. DC/27V, 1.7A Measurement 106 x 269 x 45 mm Weight 0.86 kgs

GR-PS02

Same as GR-PS01 for working with universal power input (90-240V), this power station powers up to 60 units of belt pack in same time for operation. Three channels A/B/C can be linked up as A+B, or B+C, or put them all together A+B+C for larger group. It is made to fit standard 19" rack. Low profile and compact.





HAZE & FOG MACHINE

PG-400

The PG-400 Pro-Silk is a professional mist producer. It provides a light constanat mist to enhance light beams. The silk comes with a high quality air compressor instead of the heater and temperature control; so, there is no more problem that you have met in the traditional fog machine.



Features

- Fine & long-hanging haze.
- More powerful compressor for a bigger volume.
- Leave no oil residue.
- Special designed tank to protect from liquid spill out.
- Low oil consumption (1 Liter for 48 HRS).
- No need warm up, instant operation.
- Built-In fan.



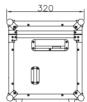
PG-500

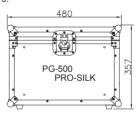
The PG-500 Pro-Silk is a professional mist producer. It provides a light constant mist to enhance light beams. No more problems that you have met in the traditional fog machines. PG-500 Pro-Silk comes with flight case for keeping noise-free performance and safety transportation. Designed for theatre, T.V. studios and live show....



Features

- Fine & long-hanging haze.
- Leave no oil residue.
- Built-In fan.
- No need warm up, instant operation.
- Powerful compressor for a bigger volume.
- Portable and compact size.
- With flight case for keeping noise-free performance.
- 1 Liter liquid for 28 Hrs.







LIQUID

HZL-1 OIL BASE

It is a non-toxic solution that produces a pure translucent haze with a long hang time and low moisture content.

HZL-1W WATER BASE

Both are 1 Liter for haze machine and comply with the strictest health and safety regulations.

GEAR PROTECTION INDEX

 Croxs Case
 192 - 201

 Flight Case
 202



Content

The always ready Croxs case is designed for diverse applications where advanced protection to the equipment is an absolute must. Croxs hard cases are made of superior plastic material, making it sturdy and robust. Each case comes with an intelligent air pressure regulator, that allows for water-proofing but still regulates internal pressure within the container. A few select size models of the Croxs cases meet FAA and can be carry-on luggage on flights. Explore every possibility with the Croxs case across all terrain.

Come and join us on www.stage.com.tw





CROXS Case CX5219

Croxs is a hard case series for boundless exploration, designed and manufactured for giving greatest protection to equipment over heavy transportation or rigorous weather condition. Croxs is engineered in high standard for catering to diverse demands from individuals, industrial users, government or even military department. Born to cross the boundary where extreme limit is invisible.



YOUTUBE CROXS CASE



YOUTUBE Introducing Croxs case







Patent locking latch ensures two shells firm lock and prevents unexpected pop-up.



Rubber O-ring at the rim of upper shell offers excellent water- tightness.



Enhanced hinge engaged shell and box without interval gap for utmost durability.



Traveling noise is greatly eliminated by rubberencompassed nylon caster, making it quite silent on the go(for models with casters only).



Reinforcement at corner for max. toughness and durability.



Egg-crate and pick-and-pluck foam for making custom-fit protection in line with any shape of equipment.



Extraordinary air pressure regulator for automatically adjusting the inner box pressure in accordance with the ambient air pressure but also keeps the box free from water invasion. (auto air regulator applied for selected models only).



· Wide variety selections for diverse needs.

Made of injection-molded PP compound for the advantage of anti-rust, corrosion free, dust-proof and impact resistant.



Enhanced haulage handle, head of integrated shaping plastic, endures higher bending force.



Wide variety selections for diverse needs.



Meet FAA regulation for carry-on luggage on flight (selected models only).

Made of injection-molded PP compound for the advantage of antirust, corrosion free, dust-proof and impact resistant.

CXLC01 TSA Lock for All Croxs Cases

Made from robust Zinc alloy and with elegant black powder coat, this 3-dial combination TSA-friendly lock stands up to the wear and tear luggage handling. Flexible steel cable with transparent PVC sleeve and ergonomic-design bottom makes the use of the lock easier and efficiently. Keep your luggage with the lock that TSA screener won't cut. Compatible with all Croxs cases.







Specifications

Material	Lock housing: Zinc alloy Dial: Zinc alloy Steel cable
Size	Lock Body: (L)37 x (W)12 x (H)70 mm Cable: 2mm (Dia.) W / transparent PVC sleeves
Finishing	Black color coated

CXSG01 Lockdown 40 Gram Silica Gel for All Croxs Cases





Silica gel is enclosed in a compact aluminum canister for putting in Croxs case to protect camera or computer equipments from moisture. Eco-friendly design that put it in oven at 120 degree Celsius for about 3 hours while the indicator window sees green, and you'll have a whole new Silica gel. Good for traveling to different locations where moisture is a concern.

Dimension

110 (L) x 55(W) x 15 (H) mm Weight: 56 g



PERSONALIZED NAMEPLATE

Some selections of Croxs case come with nameplate slot for personalized nameplate. Made of ABS with black on surface, your information on nameplate will be engraved with white color for straight recognition immediately. Nameplate helps to well organize your gear and facilitate the recovery while your case gets lost.











CXFM01

Fix Mount is a must-have accessory turning a Croxs hard case to professional instrument case. While delicate instrument like controller would blend into Croxs case, this bracket is the way to do. Only few simple steps to provide great protection to instrument by attaching Fix Mount to the groove inside the Croxs case and fix instrument on it without too much effort. A set of 8pcs, and feasible for some selections of Crxos case.

CXLG01 Lid Organizer for CX5219 Case

The lid organizer has five mesh zippered pockets on the plastic plate which is easy to be attached to the lid of CROXS 5219 case with enclosed screws. The mesh compartments offer ample room to store tools, electronic and other convenient items. A wonderful addition to the case and keeps it organized.

Dimension: 27.98 (W) x 50.8(H) x 2.54(D) cm / Weight: 652 g

PADDED DIVIDER

Padded divider set is alternative protection coming with 5 large and 6 small flexible dividers, turning the case in much well-organized way. Hook-and-loop fastener on dividers makes it easily manage the limited space.





Padded divider set for CX5219 L x W x H (cm): 52.1 x 29.1 x 19.2



CXPD02

Padded divider set for CX7326 L x W x H (cm): 73.6 x 45.7 x 26.9











GoPro HERO Kit CX3009GP2

CX3009GP2 is the latest model to Croxs series, aiming to provide greatest protection to GoPro camera gears. Designed for accommodating 2 sets of GoPro kits, this hard case features rugged plastic housing, water and dust proof, corrosion and impact resistance. Compound PP plastic and the rubber O ring makes this case excellent to resist most of harsh environment challenges, including temperature, moisture, certain acids and chemicals, offering the safe and secure space to settle your GoPro camera.

CX3009GP2 For GoPro HERO Kits







A neat and fantastic solution to organize GoPro cameras and accessories.

Features:

1. Made by rugged molded polypropylene. / 2. Dust and Water Proof. (IP 67) / 3. Weather Resistance. / 4. Air Pressure Regulator. / 5. Carry-on to fly.

MORE ACCESSORIES can be custom-fit in line with any shape of equipment.









Pick-and-pluck foam under the EVA foam.





Dual straps for lifting EVA foam easily



CROXS Combo Case

The lid is supplied with a large and a small removable pouch: the large for laptop up to MacBook 15" or folders or paperwork, and small for laptop peripherals or some hand tools. Those pouches are attached to the lid through hook-n-loop fastener and that's handy to organize them. The bottom is equipped with a nylon container for clothing, on which double zipper with a long handle helps to roll up fabric cover with no effort. Meet FAA requirement for carry-on luggage and ready to fly anytime.

CX5219RTG Croxs 5219 Ready-To-Go Case

Dedicated for short term business traveler with less but important items to carry.





For video professional and photographer on the travelling, the Croxs 5219 Studio-To-Go Case includes a set of padded divider and detachable laptop lid organizer. The laptop and accessory pouches on the lid accommodates up to MacBook 15" and its peripherals, making the most use of interior space and proceeding aviation security check with ease. The bottom comes with a set of padded divider for your own arrangement, giving fully protection to the video or camera equipments.

CX5219STG Croxs 5219 Studio-To-Go Case

CX5219GTG Croxs 5219 Gear-To-Go Case

Configuration is same as Croxs 5219 Studio-To-Go Case but with egg-crate foam on the lid instead, providing superior protection to all equipment carried in the case. Padded divider set enables you to organize the space to well fit the equipment you're going to put.



CX5219RNK Croxs Case for Ronin from DJI

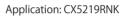
Designed for giving greatest protection to your Ronin Gimbal and accessories over heavy transportation or rigorous weather condition. There's a pre-cut foam interior, the case will accommodate the disassembled gimbal, four Smart Batteries and a charger, the transmitter, a field monitor, the Tuning Stand, the Lightbridge system, and other miscellaneous accessories. The case is constructed from injection-molded PP compound for advantage of anti-rust, corrosion free, dust-proof and impact resistant. For enhanced mobility, it features wheels along with a retractable

















CX4721DJI Croxs Case for DJI Phantom 3

The water-proof and impact-resistant case designed specifically for the DJI Phantom 3 series. With custom cut high density foam, Phantom 3 and accessories included extended landing gear, multiple batteries, chargers and antennas are cradled for added protection. Wheeled case with retractable handle provides a great mobility while traveling. An ultimate protective case for storing and traveling with your DJI Phantom 3.









Application: CX4721DJI









Croxs case-to-stand-top series allows you to mount hard case on the light stand or tripod with ease and convenience. These cases features a quick-release adapter, equipped underneath the case, can be detached in seconds makes it easy while traveling and storage. The quick release adapter comes with two 5/8" receivers offer you a choice of vertical or horizontal support placement using a traditional light stand, magic arm or pole. It's also compatible to tripod mounting thanks to the 1/4"-20 female threads, 3/8"-16 female threads and ARCA-Swiss style design on its underside.



CST-2418 Croxs Case (CX2418) to Stand Top Interior size/Lx Wx H (cm): 24.1x 18.8 x18.4



CST-3815 Croxs Case (CX3815) to Stand Top Interior size/ Lx Wx H (cm): 38x 26.7 x15.7



CST-5219 Croxs Case (CX5219) to Stand Top Interior size/ Lx Wx H (cm): 52.1x 29.1 x19.2

Instruction to assemble the mounting adapter



1. Insert adapter and align the key.



2. Twist to lock.



Case with no mounting adapter.



Case with mounting adapter.



CX1102 Memory Card Case

Pocket-size and compact. This protection and storage case is designed to accommodate up to 8 micro SD cards and 4 Compact Flash card at once. Media storage memory cards will be duly protected by shock absorbing removable insert foams. Your card will be kept safe from moisture while carried by this case.







Foam cutout dimension:

4 x 42.8(Width) x 36.4(Length) x 3.3(Depth) / mm 8 x 15.0(Width) x 11.0(Length) x 1.0(Depth) / mm

Pocket size







4 x Micro SD

8 x Compact Flash

12 x Micro SD & Compact Flash

CX2418

Never has been such a hard case welcoming to photographer. This hard case has a compact profile as usual but it has roomy storage space to use. The depth of the compartment is quite as large as to accommodate shooting gears like camera and lens in one place. The puffy foams give the greatest protection to all of them and kept them secured from the damage over the transportation.















Item
Exterior Size / L x W x H (cm)
Interior Size / L x W x H (cm)
Net Weight (kgs)
Air Pressure Regulator
Carry-on to fly
Haulage Handle
Wheel
Protective Foam
Protection classification







CX1102	CX2306	CX1807
12.9 x 9.1 x 3.2	24.0 x 17.5 x 7.7	21.0 x 16.7 x 9.0
11.7 x 6.8 x 2.6	23.5 x 14.5 x 6.2	18.6 x 12.3 x 7.5
0.11	0.45	0.6
-	Manual	Manual
	©	©
-	-	-
-	-	-
2 pre-cut EVA	1 pre-cut + 1 egg-crate	2 pre-cut + 1 egg-crate
ASTM / IP67	ASTM / IP67	ASTM / IP67



Item
Exterior Size / L x W x H (cm)
Interior Size / L x W x H (cm)
Net Weight (kgs)
Air Pressure Regulator
Carry-on to fly
Haulage Handle
Wheel
Protective Foam
Protection classification



38 x 26.7 x 15.7

CX3815	(



2.3	2.9
Auto	Manual

-	-
3 pre-cut + 1 egg-crate	5 pre-cut + 1 Flat
ASTM / IP67	ASTM / IP67





40.5 x 23.1 x 26.0



CX4316
47.0 x 35.5 x 16.8
43.2 x 30.0 x 16.0
2.6
Auto
©
-
-
3 pre-cut + 1 egg-crate
ASTM / IP67









CX2109	CX2413	CX2418	CX3009 / CX3009GP2
24.0 x 19.8 x 10.8	30.0 x 25.0 x 14.5	30.0 x 24.8 x 21.2	33.2 x 28.0 x 12.0
21.6 x 15.2 x 9.5	24.0 x 19.0 x 13.0	24.1 x 18.8 x 18.4	30.0 x 22.0 x 10.1
0.75	1.55	1.7	1.6
Manual	Auto	Manual	Manual
©		0	
-	-	-	-
-	-	-	-
2 pre-cut + 1 egg-crate	2 pre-cut + 1 egg-crate	2 pre-cut + 1 egg-crate	3 pre-cut + 1 egg-crate
ASTM / IP67	ASTM / IP67	ASTM / IP67	ASTM / IP67

ASTM / IP67	ASTM / IP67	ASTM / IP67	ASTM / IP67
3 pre-cut + 1 egg-crate	3 pre-cut + 1 egg-crate	5 pre-cut + 1 egg-crate	3 pre-cut + 1 egg-crate
-	0	©	©
-			
0	0	-	-
Manual	Auto	Auto	Auto
4.3	5.4	8.2	9.3
48.5 x 35.5 x 18.0	52.1 x 29.1 x 19.2	56.5 x 43.8 x 32.3	73.6 x 45.7 x 26.9
51.5 x 41.5 x 20.0	57.0 x 35.5 x 22.5	63.2 x 50.1 x 35.5	80.2 x 52.1 x 30.1
CX4818	CX5219 [RTG / STG / GTG]	CX5632	CX7326
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RACK MOUNT CASE

Solid core by plywood with laminate exterior, aluminum edging, recessed handles, recessed twist catches, steel stacking corner, steel rivets, rubber foots, options: 4" caster with double breaks, hinge, foam interiors.



19" Standard Model

Part Number	W (inch)	D (inch)	H (inch)	Unit	Remark	
402AH			3.50	2 U		
403AH			5.25	3 U		
404AH	19	14	7.00	4 U	1/4" plywood	
406AH			10.50	6 U		
408AH			14.00	8 U		

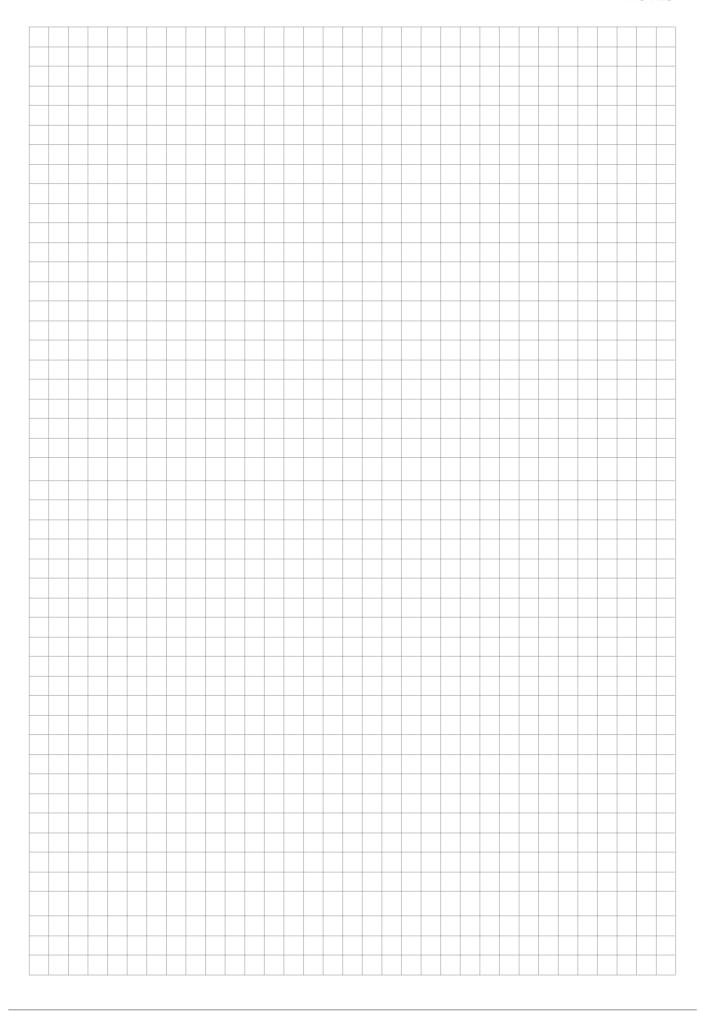
19" Heavy Duty Model

W (inch)	D (inch)	H (inch)	Unit	Remark
		7.00	4 U	
		10.50	6 U	0.00 m h man and
		14.00	8 U	3/8" plywood
40	40	17.50	10 U	
19	18	21.00	12 U	
 		24.50	14 U	3/8" plywood w/double brake caster
	N 2	28.00	16 U	5/6 prywddu w/ddubie brake caster
		31.50	18 U	
	W (inch)		7.00 10.50 14.00 17.50 21.00 24.50 28.00	7.00 4 U 10.50 6 U 14.00 8 U 17.50 10 U 21.00 12 U 24.50 14 U 28.00 16 U

Mixer / AMP

512AKW	21.00 18 28.00	21.00	12 U	3/8" plywood w/double brake caster
516AKW 19		28.00	16 U	3/0 prywodd w/ddubie brake caster

NOTES



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Product video channel











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