

SONY

Professional Audio

Product Overview 2017
www.pro.sony.eu/proaudio





DWX-Series

4 Digital Radio Microphone System

6 - 7 DWX Receiver & Wireless Studio software

8 - 9 DWX Transmitters

UWP-D Series

10 Universal Radio Microphone System

12 - 13 UWP Receivers

14 - 15 UWP Transmitters & Single Channel Kits

ECM

16 Shotgun & Lavalier Microphones

18 - 19 Shotgun Microphones

20 - 21 Lavalier Microphones



Power to your performance

Experience superb performance, long-lasting reliability and seamless system integration with Sony superior digital and analogue professional audio

With over 60 years' experience of continually redefining the creative and technical possibilities for live and recorded sound, our professional audio solutions range from leading-edge digital and analogue wireless systems to shotgun microphones, headphones and more. In fact, everything you need to create, share and enjoy perfect sound.





DWX Series

The digital wireless system
for the digital moment

Superior digital sound quality and multi-channel operation

Created for use in live events and in broadcast TV studios, the DWX range seamlessly brings UHF wireless microphone technology into the digital domain. DWX is the no-compromise, ultimate quality choice, whatever your gig.



Wireless Studio

PC software

- Complete software package for full control of all receivers and wireless transmitters
- Store and recall a whole system setup
- Store a Device Library for quick setup
- Simple Status viewer for a quick overview
- Automatic setup function
- Bundled application for PC
- Device monitoring and control
- Status recorder to check or review RF strength
- Error logging function
- Pairing-assist function
- Spectrum Analyzer
- Muting control function
- Mobile app also available on iOS or Android to monitor or operate DWX series via a Wi-Fi router

DWR-R02DN/W

2 channel rack-mount digital wireless receiver

- **Three codec modes designed for a wide variety of applications**
- Mode 1: For compatibility with DWX series applications
- Mode 2: High quality sound with a 96kHz sampling rate and Low audio latency of 1.5 msec*
- Mode 3: Operation optimised for reliable transmission by preventing drop out by interference with additional error correction
- Superb quality 24bit/96kHz sampling digital audio
- Simultaneous multi-channel operation

WiDIF-HP

Cross Remote

- Remote control of transmitter functions from the receiver
- Full control over Cross Remote™ via Wireless Studio software
- 1U-size rack-mountable design
- Supports a variety of output functions with four AES3/EBU outputs up to 24-bit/96 kHz plus World Sync input/output
- Flexible AC/DC power options
- Operation with a bandwidth from 470 MHz to 710 MHz (depending on region) (US: 470-698 MHz)

*In mode 2, Analog out. 2.5 msec for digital out.



DWR-S02DN

2 channel slot-in portable digital wireless receiver

- **Three codec modes designed for a wide variety of applications**
- Mode 1: For compatibility with DWX series applications
- Mode 2: High quality sound with a 96kHz sampling rate and Low audio latency of 1.5 msec*
- Mode 3: Operation optimised for reliable transmission by preventing drop out by interference with additional error correction
- Superb audio quality by AES3 out and 24Bit/48kHz D/A conversion
- Various viewfinder functions with Sony XDCAM camcorders
- Full digital workflow
- Wide Bandwidth up to 72MHz (depending on region)
- Active/Free channel scan

*In mode 2, Analog out, 2.5 msec for digital out.



DWR-S02DN

RELATED PRODUCTS

DWA-01D

Wireless adapter

- Stand-alone wireless receiver operation
- Wide array of interfaces including two-channel AES3 digital or analogue output
- Unique lock-together mechanism to allow two DWA-01D adaptors to be easily combined
- Supports V-mount attachment
- Hirose 4-pin DC powering



DWA-F01D

Wireless adapter

- Stand-alone wireless receiver operation
- Top-panel operation for mixer bag
- Three-way powering (Hirose 4-pin DC powering, DC In and NP-Batteries)
- Three-parallel audio output, including XLR analogue output, BNC AES/EBU digital output and mini-phone analogue output



AN-01

UHF antenna

- Log-periodic antenna
- Uni-directional
- Built-in booster
- 470-864MHz



AN-57

UHF ground plane antenna

- Ground plane antenna
- Horizontal omni-direction
- 470-864MHz



RMU-01

Remote control unit

- Extension of Cross Remote function
- Control of up to 82ch transmitter
- Two-way powering
- 2405 MHz to 2480 MHz



DWT-B01N

Bodypack digital wireless transmitter

- Superb audio quality by using 24bit/96KHz high class AD - convertor
- Simultaneous multi-channel operation
- Lightweight and rugged design (Magnesium die casting)
- Switchable mic or line input level and adjustable attenuator
- OLED display
- RF remote for all functions by Wireless Studio remote software
- Up to 72MHz bandwidth
- Selectable RF output power (1/10/50 mW)
- Digital low-cut filter
- Three codec modes designed for wide variety of applications
- Powered by 2x AA/LR6 batteries or rechargeable batteries with up to 9 hours running time



DWT-P01N

Plug-on digital wireless transmitter

- Superb audio quality by using 24bit/96KHz high class AD - convertor
- Simultaneous multi-channel operation
- Lightweight and rugged design
- Switchable mic or line input level and adjustable attenuator
- +48 V Power supply
- OLED display
- RF remote for all functions by Wireless Studio remote software
- Up to 72MHz bandwidth
- Three codec modes designed for wide variety of applications
- Powered by 2x AA/LR6 batteries or rechargeable batteries with up to 9 hours running time



DWM-02N

Handheld digital wireless microphone

- Superb audio quality by using 24bit/96kHz high class AD - convertor
- Simultaneous multi-channel operation
- Three interchangeable heads and third party support
- 1.25"/28 thread pitch(31.3 mm/pitch 1.0 mm threading) interchangeable mechanism for quick change (Over 50 capsules from various manufacturers will work on the DWM-02)
- OLED display
- RF remote for all functions by Wireless Studio remote software
- Remote control of transmitter functions from the receiver
- Selectable RF output power (1/10/50 mW)
- Digital low-cut filter
- Up to 72MHz bandwidth
- Three codec modes designed for wide variety of applications
- Powered by 2x AA/LR6 batteries or rechargeable batteries with up to 9 hours running time



*capsules sold separately.

DWM-02N

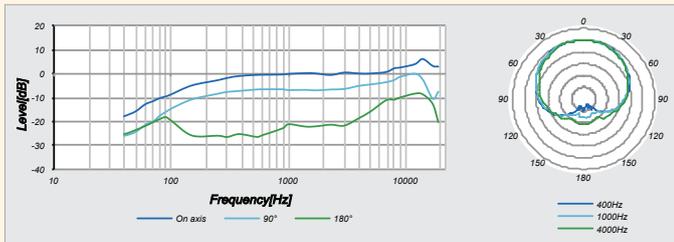
CAPSULES



- Condenser type
- Cardioid
- 60Hz - 20kHz

CU-C31 Capsule unit

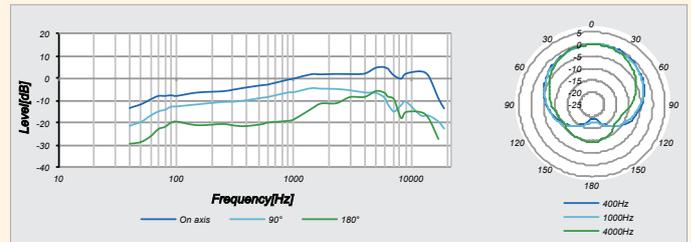
Capsule type	Electret condenser
Directivity	Uni-directional (Cardioid)
Sensitivity	-48 dB (0 dB=1 V/Pa, 1kHz)
Frequency response	60 Hz to 20 kHz
Operating temperature	0°C to 50° C (32°F to 122°F)
Storage temperature	-20°C to +60° C (-4°F to +140°F)
Dimensions	47.6mm x 61.5mm
Mass	Approx. 130g



- Dynamic type
- Wide cardioid
- 70Hz - 18kHz

CU-F32 Capsule unit

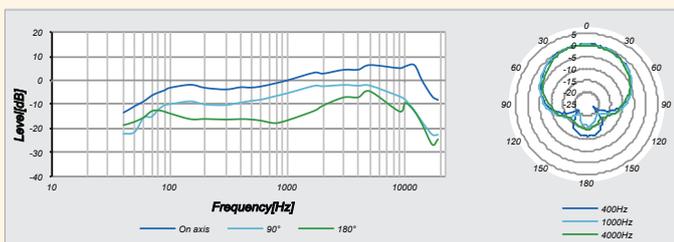
Capsule type	Electret condenser
Directivity	Uni-directional (Cardioid)
Sensitivity	-48 dB (0 dB=1 V/Pa, 1kHz)
Frequency response	60 Hz to 20 kHz
Operating temperature	0°C to 50° C (32°F to 122°F)
Storage temperature	-20°C to +60° C (-4°F to +140°F)
Dimensions	47.6mm x 61.5mm
Mass	Approx. 130g



- Dynamic type
- Super cardioid
- 60Hz - 18kHz

CU-F31 Capsule unit

Capsule type	Electret condenser
Directivity	Uni-directional (Cardioid)
Sensitivity	-48 dB (0 dB=1 V/Pa, 1kHz)
Frequency response	60 Hz to 20 kHz
Operating temperature	0°C to 50° C (32°F to 122°F)
Storage temperature	-20°C to +60° C (-4°F to +140°F)
Dimensions	47.6mm x 61.5mm
Mass	Approx. 130g



DWA-CU01NM

Microphone adapter

- Microphone adapter for Sennheiser 5000 series





UWP

Ultimate sound with digital audio processing

Innovation in Sound

Introducing the new UWP-D Series wireless microphone system, which realises high-quality sound and stable wireless transmission utilising true diversity reception system.

URX-P03D

2-channel portable receiver

- Sony Digital Audio Processing
- External microphone input for additional wired microphone
- 3-channel mixing function included
- Easy-to-use Automatic Channel Setting mode
- True Diversity Reception System* for stable reception
- Compatibility with UWP Series / WL-800 Series
- Headphone output for monitoring
- Extremely compact, lightweight, and robust metal body
- USB for power supply or charging batteries
- Output level control
- Powered by 2x AA/LR6 batteries or rechargeable batteries with up to 9 hours running time



* True Diversity for 1-channel use / Dynamic Switching Diversity for 2-channel use



URX-P03

Single channel portable receiver

- Sony Digital Audio Processing
- Easy-to-use Automatic Channel Setting mode
- True Diversity Reception System for stable reception
- Compatibility with UWP Series / WL-800 Series
- Headphone output for monitoring
- Extremely compact, lightweight, and robust metal body
- USB for power supply or charging batteries
- Output level control
- Powered by 2x AA/LR6 batteries or rechargeable batteries with up to 9 hours running time



UTX-P03D/P03

RELATED PRODUCTS



SMAD-P3

Multi Interface Shoe

- Multi Interface Shoe (MI Shoe) for cable free connection without XLR for Single Channel Audio recording
- Unification of power management through MI Shoe enabling ON/OFF control from Camera



SMAD-P3D

Dual-Channel Multi Interface Shoe

- Multi Interface Shoe (MI Shoe) for cable free connection without XLR for Dual Channel Audio recording
- Unification of power management through MI Shoe enabling ON/OFF control from Camera

URX-S03D

2-channel slot-in portable wireless receiver

- Sony Digital Audio Processing
- High quality audio amplifier adopted
- Great usability with Sony XDCAM and HDCAM camcorders
- Direct digital connection to XDCAM, DWA-01D or DWA-F01D
- Easy-to-use Automatic Channel Setting mode
- True Diversity Reception System for stable reception
- Compatibility with UWP Series / WL-800 Series
- Robust metal body
- Weatherproof structure
- Selectable squelch



URX-S03D

RELATED PRODUCTS

DWA-01D

Wireless adapter

- Stand-alone wireless receiver operation
- Wide array of interfaces including two-channel AES3 digital or analogue output
- Unique lock-together mechanism to allow two DWA-01D adaptors to be easily combined
- Supports V-mount attachment
- Hirose 4-pin DC powering



DWA-F01D

Wireless adapter

- Stand-alone wireless receiver operation
- Top-panel operation for mixer bag
- Three-way powering (Hirose 4-pin DC powering, DC In and NP-Batteries)
- Three-parallel audio output, including XLR analogue output, BNC AES/EBU digital output and mini-phone analogue output



UTX-B03

Body-Pack transmitter

- Sony Digital Audio Processing
- Compatibility with UWP Series / WL-800 Series
- Extremely compact, lightweight, and robust metal body
- USB for power supply or charging batteries
- Switchable MIC/LINE input level and adjustable attenuator (0 dB to 21 dB, 3-dB steps)
- Supplied with omni-directional lavalier microphone
- UTX-B03HR also available with SMC9-45 microphone input connector (for hi-rose lavalier microphones)
- Powered by 2x AA/LR6 batteries or rechargeable batteries with up to 9 hours running time



UTX-P03

Plug-on transmitter

- Sony Digital Audio Processing
- Extremely compact, lightweight, and robust aluminum die casting body
- Converts a wired microphone to a wireless microphone via an XLR-type connector
- Compatibility with UWP Series / WL-800 Series
- USB for power supply or charging batteries
- Extremely compact, lightweight, and robust metal body
- +48 V power supply
- Powered by 2x AA/LR6 batteries or rechargeable batteries with up to 9 hours running time



UTX-M03

Handheld wireless microphone

- Sony Digital Audio Processing
- Extremely compact, lightweight, and robust aluminum die casting body
- Incorporates an all-metal, robust, uni-directional dynamic microphone capsule with minimized popping and wind noise
- 1.25"/28 thread pitch(31.3 mm/pitch 1.0 mm threading) interchangeable mechanism for quick change.
- Compatibility with UWP Series / WL-800 Series
- USB for charging batteries
- Interchangeable microphone capsule
- Powered by 2x AA/LR6 batteries or rechargeable batteries with up to 9 hours running time



SINGLE CHANNEL PACKAGES						FREQUENCIES		
UWP-D11 	 UTX-B03 Belt-pack Transmitter	 URX-P03 Portable Receiver	 Omni-directional Lavalier Microphone	 Microphone Holder Clip	 XLR-BMP Cable	 Stereo Mini-BMP Cable	CE21: 470.025 MHz to 542.000 MHz	
			 Belt Clip	 Shoe Mount Adapter	 Windscreen		CE33: 566.025 MHz to 633.000 MHz	
							CE42: 638.025 MHz to 694.000 MHz	
UWP-D12 	 UTX-M03 Handheld Wireless Microphone	 URX-P03 Portable Receiver	 Microphone Holder Clip	 XLR-BMP Cable	 Stereo Mini-BMP Cable	 Belt Clip	CE21: 470.025 MHz to 542.000 MHz	
			 Shoe Mount Adapter				CE33: 566.025 MHz to 633.000 MHz	
							CE42: 638.025 MHz to 694.000 MHz	
UWP-D16 	 UTX-P03 Plug-on Transmitter	 UTX-B03 Belt-pack Transmitter	 URX-P03 Portable Receiver	 Omni-directional Lavalier Microphone	 Microphone Holder Clip	 XLR-BMP Cable	 Stereo Mini-BMP Cable	CE21: 470.025 MHz to 542.000 MHz
				 Belt Clip	 Shoe Mount Adapter	 Windscreen	 Soft Case	CE33: 566.025 MHz to 633.000 MHz
								CE42: 638.025 MHz to 694.000 MHz



Photography - Alice BARRA 2016 - BarrHaus



ECM Series

Delivering excellent sound and noise handling performance

Comprehensive choice of high sensitivity shotgun Electret condenser-type microphones

Building on decades of experience in audio acquisition, Sony offers a comprehensive choice of wired shotgun microphones that offers musicians, broadcasters and producers of audio-visual presentations uncompromised audio, as well as utterly dependable performance.

ECM-678

Shotgun Electret condenser microphone

- Superb sensitivity of -28dB (0dB=1 V/Pa.) and an extremely low inherent noise of less than 16dB SPL
- Flat-and-wide frequency response (40Hz to 20kHz)
- Compact design
- High-durability and reliability
- Built-in low-cut filter
- External DC (40 V to 52 V) operation



ECM-674

Shotgun Electret condenser microphone

- Excellent sensitivity of -36dB (0dB=1 V/Pa.) and low inherent noise level of less than 17dB SPL
- Flat-and-wide frequency response (40Hz to 20kHz)
- Compact and lightweight design
- Two-way powering (+48V Power supply and 1,5V AA battery)
- Built-in low-cut filter
- Built-in battery liquid leakage protection circuit
- External DC (40 V to 52 V) operation



ECM-680S

MS stereo shotgun Electret condenser microphone

- Superb sensitivity of -28dB*2 (stereo)/- 32dB*2 (monaural) and extremely low inherent noise of less than 20dB SPL (stereo/ monaural)
- Flat-and-wide frequency response: 50Hz to 20kHz (stereo), 40Hz to 20kHz (monaural)
- Built-in low-cut filter
- Compact and lightweight design
- External DC (40 V to 52 V) operation



ECM-673

Shotgun Electret condenser microphone

- Excellent sensitivity of -36dB (0dB=1 V/Pa.) and a low inherent noise level of less than 17dB SPL
- Flat-and-wide frequency response (40Hz to 20kHz)
- Compact and lightweight design
- High-durability and reliability
- Built-in low-cut filter
- External DC (40 V to 52 V) operation



ECM-VG1

Shotgun Electret condenser microphone

- Excellent sensitivity of -33 dB (0 dB=1 V/Pa), and a low inherent noise level of less than 18 dB SPL
- Flat-and-wide frequency response (40 Hz to 20 kHz), excellent sensitivity of -33 dB (0 dB=1 V/Pa), and a low inherent noise level of less than 18 dB SPL
- Compact and extremely lightweight design with metal body
- Built-in low-cut filter
- External DC (40 V to 52 V) operation



ECM-MS2

Compact MS stereo back Electret condenser shotgun microphone

- Compact 137mm length and lightweight design ideal for use with handheld camcorders
- Stereo and mono operation
- Professional quality sound reproduction
- Metal body reduces external noise
- External DC (40 to 52 V) operation



ECM-77 series

Lavalier microphones

- Miniature, omni-directional electret condenser microphone
- Worldwide-acclaim for performance and reliability in studio, ENG, and EFP applications
- Choice of model variations to suit specific user requirements
- Wide frequency response, high sensitivity, and low-noise characteristics
- Miniature design makes it easy to conceal in a costume
- Ideal for use with DWX-Series and UWP-D Series
- DC 1.1 V to 10.0 V



ECM-88 series

Lavalier microphones

- Ultra-miniature, omni-directional electret condenser microphone
- Designed for quality-critical applications in broadcasting, theater, and field productions
- Choice of model variations to suit specific user requirements.
- Flat-and-wide frequency response provides natural sound reproduction.
- Water-resistant design maintains sound clarity in almost any application or environment
- Dual-diaphragm mechanism contributes to high sensitivity, wide dynamic range, and low noise
- Low cable-noise characteristics
- Miniature design makes it easy to conceal in a stage costume
- DC 1.1 V to 10.0 V



Not compatible with digital radio mic transmission

ECM-44 series

Lavalier microphones

- Uni-directional, electret condenser microphone
- Resistant to howling by rejecting indirect sound
- Ideal for institutional use and sound-contracting applications such as speeches, lectures, and conferences
- Designed for a wide range of applications from voice to instrumental recording
- Wide dynamic range (101 dB), and high maximum input-sound-pressure level (130 dB SPL)
- Low inherent-noise characteristics
- DC 1.1 V to 10.0 V



ECM-FT5

Lavalier microphones

- Flat-shape and ultra-miniaturel, omni-directional electret condenser microphone
- Water-resistant design maintains sound clarity in almost any application or environment
- Easily concealed under clothing, for studio and EFP applications
- Wide frequency response, high sensitivity, and low-noise characteristics
- Choice of model variations to suit specific user requirements.
- Ideal for use with DWX-Series and UWP-D Series
- DC 1.1 V to 10.0 V



ECM-V1BMP

Lavalier microphones

- The lavalier microphone supplied with the UWP package is available as an individual microphone
- Omni-directional, electret condenser microphone
- Reasonably priced lavalier microphone, ideal for ENG and EFP uses
- DC 1.1 V to 10.0 V



ECM-X7BMP

Lavalier microphones

- The lavalier microphone supplied with the UWP package is available as an individual microphone
- Uni-directional, electret condenser microphone
- Resistant to howling by rejecting indirect sound
- Reasonably priced lavalier microphone, ideal for institutional use and sound-contracting applications such as speeches, lectures, and conferences
- DC 1.1 V to 10.0 V







For full product specifications and features please visit
www.pro.sony.eu/proaudio

For full features visit www.pro.sony.eu/proaudio

© 2017 Sony Corporation. All rights reserved. Reproduction in whole or in part without permission is prohibited. Features and specifications are subject to change without notice. All non-metric weights and measurements are approximate. Sony and make.believe are trademarks of Sony Corporation. All other trademarks are the property of their respective owners.

Distributed by

Professional Solutions Europe is the leading supplier of AV/IT solutions to businesses across a wide variety of sectors including, **Media and Broadcast, Video Security and Retail, Transport & Large Venue markets**. It delivers products, systems and applications to enable the creation, manipulation and distribution of digital audio-visual content that add value to businesses and their customers. With over 25 years' experience in delivering innovative market-leading products, **Professional Solutions Europe** is ideally placed to deliver exceptional quality and value to its customers. **Sony's Professional Services** division, its systems integration arm, offers its customers access to the expertise and local knowledge of skilled professionals across Europe. Collaborating with a network of established technology partners, Professional Solutions Europe delivers end to end solutions that address the customer's needs, integrating software and systems to achieve each organisations' individual business goals. For more information please visit www.pro.sony.eu

HCT_PROAUDIO_CATALOGUE_I4410_UK_27/10/2016

SONY