

ECM-673

Short Shotgun Electret Condenser
Microphone.



Overview

The ECM-673 is a short shotgun, electret condenser-type microphone, which delivers excellent sound performance in field and studio production applications at an affordable price.

Features

Superb Sound Quality

The ECM-673 offers an excellent sensitivity of -36 dB (0 dB=1 V/Pa) and a low inherent-noise level of less than 17 dB SPL. This allows the microphone to be used for clear voice pickup, even in noisy working environments.

Flat-and-wide Frequency Response

The ECM-673 microphone has a flat-and-wide frequency response (40 Hz to 20 kHz) and delivers extremely smooth and natural sound reproduction.

Compact and Lightweight Design

The ECM-673 has been designed as a highly directional, compact, and lightweight short shotgun microphone. It measures only 200 mm (7 7/8 inches) in length, and weighs just 135 g (4.76 oz), maintaining good balance even when mounted on compact camcorders.

High Durability and Reliability

The vibration-resistant mechanism of the ECM-673 offers high durability and reliability, making it suitable for the harsh environments that can be encountered in field sound-acquisition.

Built-in Low-cut Filter

The built-in two-position (M, V) low-cut switch on the ECM-673 provides a simple method of reducing the effects of unwanted ambient noise.

Specifications

Audio Section	
Capsule Type	Mono Electret Condenser
Frequency Response	40 Hz to 20 kHz
Directivity	Uni-directional (super-cardioid)
Sensitivity *[1]	-36 dB ±3 dB
Output Impedance *[2]	220Ω±20%, Balanced
Dynamic Range	107 dB or more
Signal-to-Noise Ratio *[3]	77 dB or more

Audio Section

Inherent Noise *[4]	17 dB SPL or less
Induction Noise From External Magnetic Field *[5]	0 dB SPL or less
Wind Noise *[6]	50 dB SPL (without windscreen) 45 dB SPL or less (with windscreen)
Maximum Input Sound Pressure Level *[7]	124 dB SPL

General Section

Connector	XLR-3-12C (male)
Mic Cable	XLR-3 to XLR-3 500 mm 19.6 inches
Power Requirements	External, DC 40 V to 52 V
Dimensions *[8]	ϕ 20 x 200 mm ϕ 13/16 x 7 7/8 inches
Mass	Approx. 4.8 oz Approx. 135 g
Supplied Accessories	Windscreen (1) Stand adaptor (2) Short LR cable (for camcorder use) (1) Operating instructions (1) Mic spacer (2) Mic holder (1)

Notes

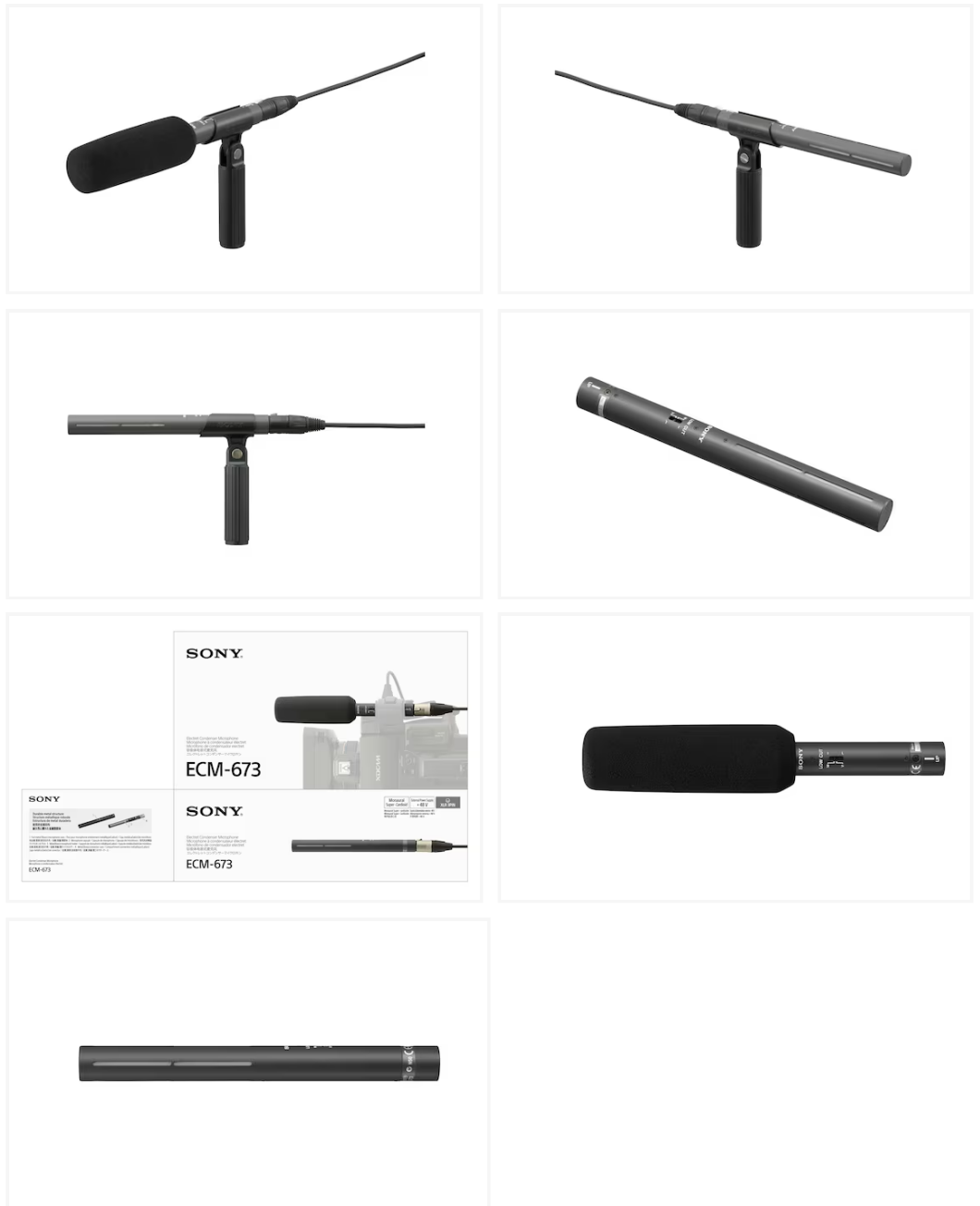
Note	*[1] 0 dB = 1 V/Pa, at 1 kHz *[2] Output impedance at 1 kHz *[3] A-weighted, 1 kHz, 1 Pa. *[4] 0 dB SPL = 20 μPa *[5] dB SPL/1E-7 T, 0 dB SPL = 20 μPa *[6] Wind noise at 2m/s (0 dB SPL = 20 μPa) *[8] The values for dimensions are approximate.
------	--

Related products



HXC-FB80

Three 2/3-inch Exmor™
CMOS sensor HD colour
studio camera



© 2004 - 2026 Sony Corporation. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Features and specifications are subject to change without notice. The values for mass and dimension are approximate. All trademarks are the property of their respective owners.