

SONY

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ECM-673

Short Shotgun Electret Condenser Microphone.



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. This microphone is also tailored for use with HDV type camcorders.

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.

Technical Specifications

Capsule type	Electret condenser
Directivity	Uni-directional (super-cardioid)
Frequency response	40 Hz to 20 kHz
Sensitivity (at 1 kHz)	-36 dB (*1) \pm 3 dB
Output impedance (at 1 kHz)	220 Ω \pm 20%
Dynamic range	107 dB or more
Signal-to-noise ratio	77 dB or more (IEC179 A-weighted, 1 kHz, 1Pa)
Inherent noise	17 dB SPL (*2) or less
Wind noise	45 dB SPL (*2) or less (with windscreen), 50 dB SPL (without windscreen)
Induction noise from external magnetic field	0 dB SPL (*2) or less
Maximum input sound pressure level	124 dB SPL (*2)

Power requirements	DC 40 to 52 V
Dimensions	20 dia. x 200 mm (13/16 dia. x 7 7/8 inches)
Mass	Approx. 135 g (4.76 oz)
	(*1) 0 dB=1 V/Pa, at 1 kHz, (*2) 0 dB=20 μ Pa

Supplied Accessories

Operating instructions (1)	
Microphone cable (1)	
Microphone spacer (1)	
Microphone holder (1)	
Windscreen (1)	

Compatible Products

XDCAM



PMW-EX1

A Compact Full-HD Camcorder With SxS PRO Recording, for an Evolving Era of HD



PMW-EX3

A Semi-Shoulder Full-HD Camcorder With SxS PRO Recording, for an Evolving Era of HD



PMW-EX1R

A Compact Full-HD Camcorder with SxS PRO Solid State Recording and 1/2-inch Exmor sensors

NXCAM



HXR-NX5E

1/3-inch Exmor™ CMOS Professional AVCHD Camcorder with GPS



HXR-NX5M

1/3-inch Exmor™ CMOS Professional AVCHD Camcorder

HDV



HVR-Z1E

HDV 1/3" 3CCD Handheld Camcorder

DXC series



DXC-D55PH

Professional digital video camera. 4:3 and 4:3/16:9 switch-able versions. With optional accessory packs.



DXC-D55PL

Professional digital video camera. 4:3 and 4:3/16:9 switch-able versions. With optional accessory packs.



DXC-D55PK

Professional digital video camera. 4:3 and 4:3/16:9 switch-able versions. With optional accessory packs.



DXC-D55WSPH

Professional digital video camera. 4:3 and 4:3/16:9 switch-able versions. With optional accessory packs.

**DXC-D55WSPL**

Professional digital video camera. 4:3 and 4:3/16:9 switch-able versions. With optional accessory packs.