

F-112

High quality dynamic microphone



Overview

The Sony F-112 is a high-quality dynamic microphone, specifically designed for field production and newsgathering applications

Features

Superior Sound Quality

Incorporating an omni-directional microphone capsule, the F-112 delivers a high sensitivity of -52 dB (0 dB=1 V/Pa.), allowing clear voice pick-up from any direction.

Flat-and-wide Frequency Response

The F-112 has a flat-and-wide frequency response (60 Hz to 18 kHz), which provides smooth and natural sound reproduction.

Robust and Sophisticated Design

The F-112 has been designed with special considerations for heavy-duty field use. The body is made of metal, offering a high level of durability to withstand severe conditions encountered in demanding sound pick-up scenarios. The connector side is made of robust brass for repeating cable connections. In addition, its well-balanced design allows comfortable handling when used with the plug-on transmitters.

Specifications

Audio Section

Capsule Type	Dynamic
Frequency Response	60 Hz to 18 kHz
Directivity	Omni-Directional
Sensitivity *[1]	-54 dB \pm 3 dB
Output Impedance *[2]	400 Ω \pm 20%, Balanced
Induction Noise From External Magnetic Field *[3]	5 dB SPL or less
Wind Noise *[4]	Less than 50 dB SPL

General Section

Connector	XLR-3-12C (male)
Power Requirements	No power required
Dimensions *[5]	ϕ 41.4 x 220 mm ϕ 1 11/16 x 8 3/4 inches
Mass	Approx. 6 oz Approx. 215 g
Supplied Accessories	Operating instructions (1)

Notes

Note

*[1] 0 dB = 1 V/Pa, at 1 kHz

*[2] Output impedance at 1 kHz

*[3] dB SPL/1E-7 T, 0 dB SPL = 20 μ Pa

*[4] Wind noise at 2m/s (0 dB SPL = 20 μ Pa)

*[5] The values for dimensions are approximate.

Gallery

