

## 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 $\Omega$ $\pm$ 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]	$\phi$ 41.4 x 220 mm $\phi$ 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  $\mu$ Pa

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

\*[5] The values for dimensions are approximate.

---

## Gallery

