



Model: E522/B

X/Y Stereo Field Recording Microphone Specification Sheet

Description

The E522/B is configured with an X/Y stereo arrangement for live sound field recording. It is equipped with closely matched pair of capsules to provide the spatial impact and realism of a live sound field. The E522/B is particularly well suited for broadcast, pro-audio recording and digital field recording.

The microphone has two un-balanced outputs and works well with Pro or Consumer audio and video equipment.

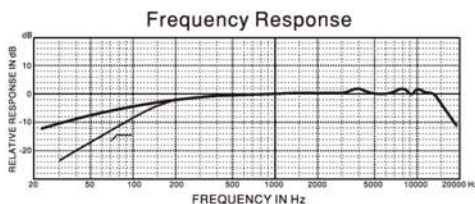
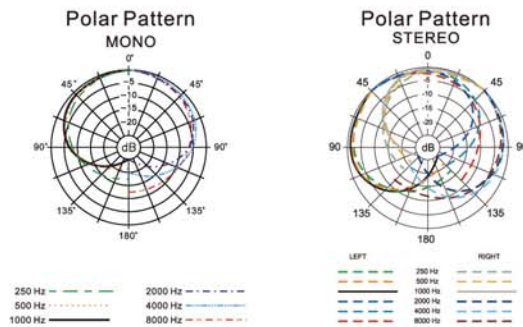
The built-in switchable low cut filter and the ability to operate on battery or phantom power combined with its lightweight and compact design makes the E522/B ideal for audio for video applications.



Features

- ▶ Designed for broadcast and professional recording, and DAT field use
- ▶ Compact design is perfect for camera-mount applications
- ▶ Closely-matched elements provide the spatial impact and realism of a live sound field
- ▶ External on/off switch. Internal low cut filter switch.
- ▶ Operates on battery or phantom power
- ▶ Includes a 10' (3 m) cable (3-pin XLR to two 2 x 3.5mm mono plugs with 1/4" adapters and 1.6' (0.5m) cable (3-pin XLR to 3.5mm stereo plug).

Polar Pattern and Frequency Response

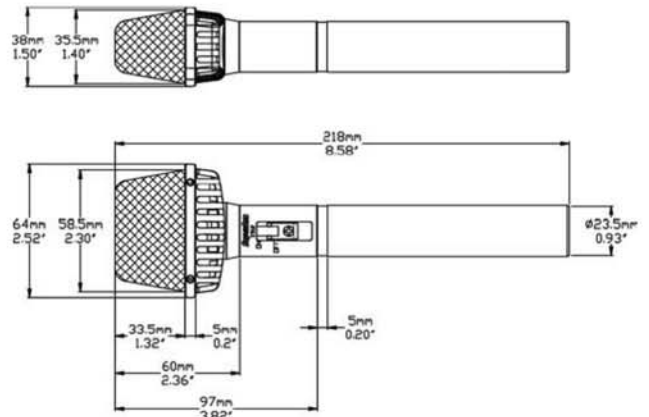


Specifications

Elements:	Fixed-charge back plate, permanently polarized condenser
Polar pattern:	X/Y Stereo
Frequency response:	30~20,000Hz
Low frequency roll-off:	150Hz, 6dB/oct.
Open circuit sensitivity:	-47dBV/Pa (4.4 mV/Pa) at 1kHz*
Channel balance:	≤2.5dB
Impedance:	200Ω , unbalanced
Max. SPL:	126dB SPL, 1kHz at 1% T.H.D.
Signal-to-noise ratio:	70dB, 1kHz at 1 Pa
Dynamic range (typical):	102dB, 1kHz at Max SPL
Battery type:	1.5V AA/UM3
Battery current / life:	2mA / 1000 hours typical (alkaline)
Switch:	Flat, roll-off
Output connector:	3-pin XLR-M type
Cable:	0.5M XLR 3F to 3.5mm stereo plug, 3M x XLR 3F to 2 x 3.5mm mono plugs with 1/4" phone plug adapters
Dimensions:	Ref. to following illustration
Weight:	300 g (10.58oz)

* 1Pa=10 microbars=94dB SPL

Dimension



Accessories included

- 3-meter stereo signal cable ❶, HM-38 clamp ❷, and protective punch.

Optional Accessories

- S-50 wind screen \ HM-40C camera mount ❸ .



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