



Model E523/D X/Y Stereo Field Recording
Microphone Specification Sheet

Model: **E523/D**

X/Y Stereo Field Recording Microphone
Specification Sheet

For phantom power and battery

Description

The E523/D 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 E523/D is particularly well suited for broadcast, pro-audio recording and digital field recording.

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

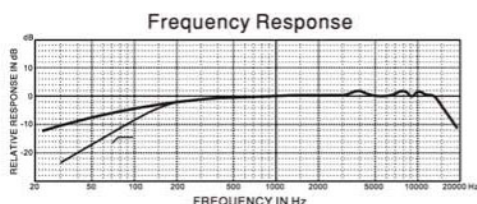
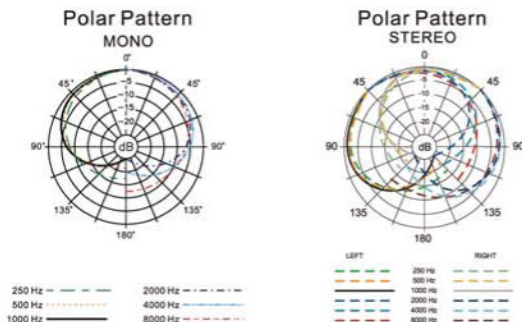
The built-in switchable low cut filter and the ability to operate on battery or phantom power combined with its lightweight and compact design makes the E523/D ideal for audio for video applications.



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
- ▶ Switchable low-frequency roll-off
- ▶ Operates on battery or phantom power
- ▶ Includes a 16.5' (5 m) cable (5-pin XLRF to two standard 3-pin XLRM connectors)

Polar Pattern and Frequency Response

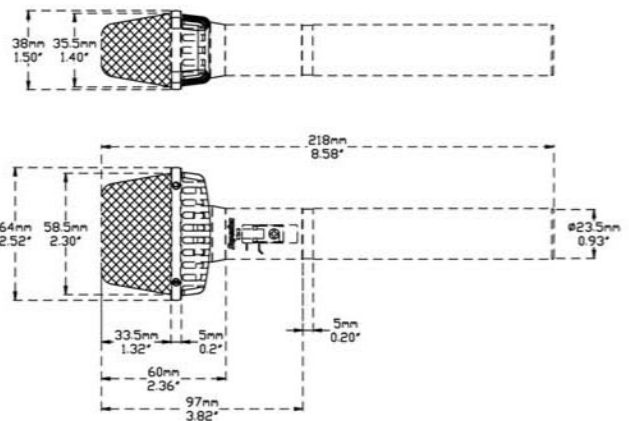


Specifications

| | |
|-----------------------------|---|
| 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 ∓ balanced |
| 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 |
| Phantom power requirements: | 5-52V DC, 2 mA (each channel) |
| Battery type: | 1.5V AA/UM3 |
| Battery current / life: | 2mA / 1000 hours typical (alkaline) |
| Switch: | Flat, roll-off |
| Output connector: | Integral 5-pin XLR-M type |
| Cable: | 16.5' (5 m) long, 5 conductors under two shields, vinyl-jacketed, stereo cable with 5-pin XLRF-type connector at microphone end, two 3-pin XLRM-type connectors at output end |
| Dimensions: | Ref. to following illustration |
| Weight: | 340g (12oz) |

* 1Pa=10 microbars=94dB SPL

Dimension



Accessories included

- 5-meter stereo signal cable ①, HM-38 clamp ②, and protective punch.



Optional Accessories

- S-50 wind screen ∓ HM-40C camera mount ③.

Solid State Sound

01747 830670

www.solidstatesound.co.uk

sales@solidstatesound.co.uk