

EIKON

CM500 PROFESSIONAL CONDENSER MICROPHONE USER'S MANUAL



ENGLISH

General

With its 25 mm diameter single diaphragm the new CM500 offers the sound and performance of a large diaphragm studio condenser microphone, in a small and easy to position stick type format.

Designed for vocals and percussion instruments, it is also suitable for lectern and other applications requiring very high quality sound performance and wide frequency response.

The cardioid polar pattern captures the desired sound source while rejecting unwanted ambient noise and feedback.

Features

- **Condenser Professional Instrument Microphone**
- **Cardioid Polar Pattern**
- **25 mm Condenser Capsule**
- **-10 dB attenuator switch**
- **Hi-pass Filter switch**
- **Repleceable Capsule**
- **Frequency Response: 20Hz-20KHz**
- **Ideal for any acoustic instrument Live or Studio application**
- **Shock Mount and Pop Filter holder included**
- **Padded bag Included**

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Specifications

Model.....CM500
Element..... Ø 25 mm condenser capsule
Polar Pattern..... Cardioid
Frequency Response..... 20Hz-20kHz
Sensitivity.....-36dB 3dB (0dB=1V/Pa at 1kHz)
Output Impedance.....100 ohms
Max Input SPL..... 132dB (at 1kHz 1% T.H.D)
S/N Ratio.....78dB
Power Supply.....Phantom 24-48V
Connector.....Standard XLR
Accessories.....Shockmount, Padded Bag, Pop Filter

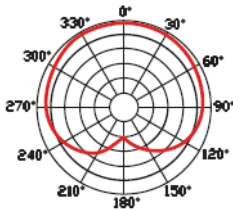


Figure 1: Polar pattern

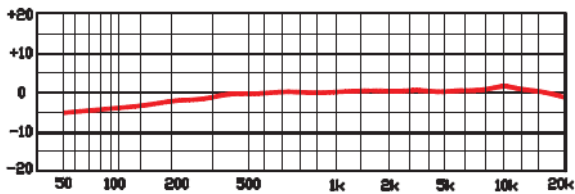


Figure 2: Frequency response



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