

CR1-78 Shotgun Condenser Microphone

General

The CR1-4 is a cardioid only design with a permanently fixed capsule. The microphone utilize transformerless preamp instead of transformer coupling output circuitry which used in the old version CR1-4 which dates back to 1979. Special attention has been paid within the capsule with a 22mm in diameter low-mass gold-plated diaphragm for ultra-wide frequency response and ultimate sound reproduction. Switchable low-cut filter and -10 dB preattenuation make the new version CR1-4 more suitable for many applications such as noisy circumstance or high sound pressure levels. The CR1-4 is visually unobtrusive due to its compact design

Applications

CR1-4 condenser microphone brings a high level of accuracy and audio performance to instrument miking applications. Its miniature style excels in both live performance and recording applications.

Features

- ❖ Small diameter, light-weight, condenser cardioid microphone
- ❖ 22mm in diaphragm, low resonance, gold-sputtered Mylar diaphragm for warm sound reproduction
- ❖ Extremely flat on-axis response, optimized for close instrument and percussion applications
- ❖ Transformerless output for ultra low LF distortion
- ❖ Switchable pad (-10dB) and low-frequency filter for handling extremely high sound pressure levels and reduce background noise
- ❖ Optimized mechanical construction for economy-minded production and home recording studios

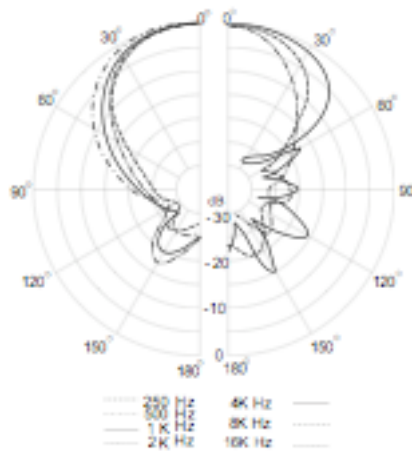
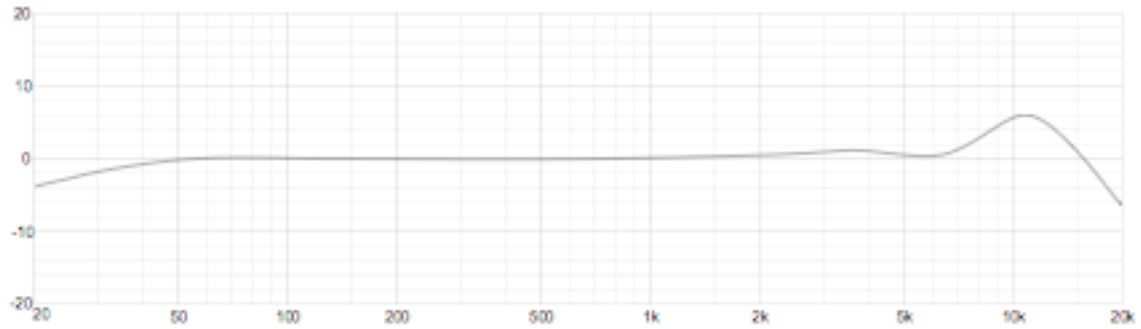
Specifications

Acoustical operating principle	pressure gradient transducer
Directional pattern	cardioid
Frequency rang	20 Hz~ 20 kHz
Sensitivity at 1KHz into 1Kohm	12.6mV/Pa (-38dBV , re. 0dB=1V/Pa)
Rated Impedance	120 Ohm
Recommended load impedance	1000 Ohm
MAX. SPL for 1% THD @1000Hz	142 dB
Equivalent SPL DIN/IEC 651	18 dB-A
S/N ratio DIN/IEC 651	76 dB-A
Supply voltage	48 V phantom power
Matching connector	3-pin XLR (gold plated)
Net weight	150 g
Diameter	22 mm
Length	130 mm



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Frequency and polar pattern



Accessories

- ❖ BXJ-8B Aluminum Case;
- ❖ LJ-28A Stand Mount;
- ❖ QZ-3B,QZ-3C Windscreen;
- ❖ LX-94B Microphone Cable