

CX-112 STUDIO CONDENSER MICROPHONE

overview

The CX-112 is a true condenser microphone with a contemporary design and excellent performance characteristics. With a rich, full-bodied sound delivered by its one-inch gold sputtered capsule, the CX-112 is a single-patterned cardioid condenser that serves a variety of applications for project studios, professional audio production, and live stage performances.

Delivering a smooth uniform frequency response from 20 Hz - 20 kHz, the CX-112 is equipped with switches for 10 dB pad and a bass roll-off. With 10 dB pad engaged, the CX-112 is capable of sound pressure levels of 145 dB, allowing the microphone to be used successfully on everything from subtle acoustic instruments in a studio to screaming guitar cabs on a concert stage.

The CX-112, which is designed with a discreet low noise preamp circuitry, operates on phantom power of 48-52 volts. Optimum results will be achieved by using the CX-112 with a high quality mic pre-amplifier and premium quality microphone cable.

specifications

Transducer Type	Condenser
Capsule Technology	1.07" Gold Vapor Diaphragm
Frequency Range	20 Hz - 20 kHz (+/- 3dB)
Polar Pattern	Cardioid
Output Impedance	200 Ohms
Sensitivity	14 mV (ref 1k @ 1 Pascal)
Noise Floor	18 dB (A weighted)
Signal to Noise Ratio	76 dB (ref 1k @ 1 Pascal)
Power Requirements	48 - 52v phantom
Maximum SPL	145 dB (with -10dB pad)
Dynamic Range	127 dB
Cable/Connector	3 pin gold plated male XLR connector
Polarity	Positive voltage on pin 2 relative to pin 3 of output XLR connector
Housing	Copper alloy body
Finish	Black satin
Weight	16 oz/450 grams
Overall Length	6.38"/162 mm



applications

- › Studio vocals, lead and backing
- › Voice over
- › Choir
- › Ambient room mic
- › Drum overheads
- › Orchestra
- › Bells, chimes, marimba, vibes
- › Acoustic instruments (piano, sax, strings, guitar, flute)
- › Electric guitar cabs

features

- › One inch gold-sputtered diaphragm
- › Low noise electronics
- › 10 dB pad and bass roll-off
- › Rich warm tones - ideal for digital recording
- › High power handling of 145 dB SPL
- › Adjustable metal clip allows for secure positioning
- › Excellent for vocals, piano, overheads, guitar cabs, percussion, and acoustic instruments of all types



Studio Vocals



Group Vocal



Piano



Sax



Strings



Flute



Acoustic Guitar



Guitar Cabs



