

# CX-509

## Low Profile condenser Instrument Microphone

The JTS Model CX-509 is a compact low profile microphone designed for versatile placement around the sound source. The cardioid pattern satisfied the demands of all common studio applications. Its wide frequency response, low noise characteristics, high performance, low distortions, have made it a standard for meet the application needs.

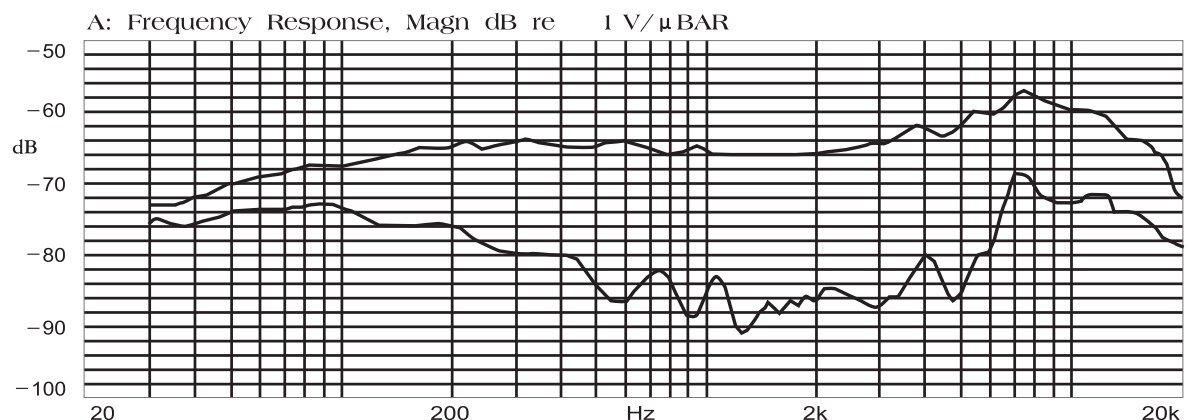
### Applications

- Recommended for overhead miking , cymbal top
- Spot miking for acoustic guitar
- Tom Tom set, percussion



### SPECIFICATIONS

ELEMENT	Externally-polarized (DC bias) uni-directional condenser
POLAR PATTERN	Cardioid, rotationally symmetrical about microphone axis, uniform with frequency
FREQUENCY RESPONSE	30 ~ 18,000Hz
OPEN CIRCUIT SENSITIVITY	$-65 \pm 3\text{dB}^*$ (0.56mV) 0dB= 1V / $\mu$ bar, 1kHz
IMPEDANCE	Rated impedance 200 $\Omega$
MAXIMUM INPUT SOUND LEVEL	130 dB SPL, 1 kHz at 1% T.H.D
SIGNAL-TO-NOISE RATIO	70dB
CONNECTOR	XLR-M type
PHANTOM POWER REQUIREMENTS	9-52VDC
CURRENT CONSUMPTION	$\leq 3\text{mA}$
WEIGHT	60 grams (2.11oz)
DIMENSIONS	19mm Dia * 79mm



# JTS®

## Miniature Hypercardioid condenser Instrument Microphone



The CX-516 is a high-quality, compact size of unidirectional condenser microphone designed for studio recording, broadcasting, and sound reinforcement. Its wide frequency response, low noise characteristics, have made it a standard for applications involving acoustic instruments, especially accordion, guitar cabinet and reed wind instrument as well.

The tailored sound characteristics transient response and clean output signals for transparent detail of reproduction. Mini flexible gooseneck design provides the best of miking spot also with easy attach mounting kit.

### Applications

- For most general purpose applications in studios and live performance sound reinforcement
- Recommended for accordion, wind instrument brass and woodwind, organ cabinet

### SPECIFICATIONS

ELEMENT	Externally-polarized (DC bias) uni-directional condenser
POLAR PATTERN	Hypercardioid, rotationally symmetrical about microphone axis, uniform with frequency
FREQUENCY RESPONSE	30 ~ 18,000Hz
OPEN CIRCUIT SENSITIVITY	-65±3dB* (0.56mV) 0dB=1V /u bar,1kz
IMPEDANCE	Rated impedance 200Ω
MAXIMUM INPUT SOUND LEVEL	130 dB SPL, 1 kHz at 1% T.H.D
SIGNAL-TO-NOISE RATIO	70dB
OUTPUT CONNECTOR	XLR-M type (power module)
PHANTOM POWER REQUIREMENTS	9-52VDC
CURRENT CONSUMPTION	≤ 3mA
WEIGHT	150 grams (5.29oz)
DIMENSIONS	245mm × 30mm

