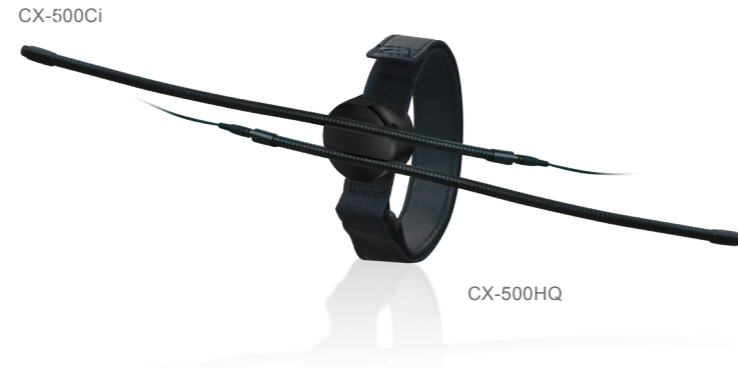


# CX Series

Instrument Microphone



## CX-500HQ

Hu Qin Microphone Set

The CX-500HQ consists of two CX-500CI microphones and one PS-510M power mixer. This microphone set is designed to pick up both sides of the Chinese folk instrument Hu Qin. It reproduces crystal clear strings and the warm harmonic. The bundled PS-510M helps to find the best mix of two microphones.

**Type:** Omni-directional Condenser  
**Frequency Response:** 20~20,000 Hz  
**Sensitivity (at 1,000 Hz):** -58±3dB\*(1.25mV)\*0dB=1V/μbar  
**Impedance:** 1.5kΩ  
**Max. SPL for 1% T.H.D.:** 130 dB  
**Signal-To-Noise Ratio:** 68 dB  
**Output Connector:** 4P Mini XLR  
**Power Supply:** 1-5 VDC  
**Current Consumption:** ≤0.05mA  
**Weight:** 37.4 grams (including cable)  
**Dimensions (mm):** Ø 6.4mm \* 22.7mm(L)  
**Standard Accessory:** PS-510M

Power Supply with personal mix



## CX-509

Low Profile Condenser Instrument Microphone

The JTS CX-509 Condenser Microphone is a compact low profile microphone designed for versatile placement around the sound source. Its wide frequency response, low noise characteristics, low distortion have made the JTS CX-509 a popular choice in studio and performance applications.

Excels as an Overhead Cymbal and Hi-Hat microphone as well as for Tom Toms, Percussion, and Acoustic Guitars.

**Type:** Uni-directional Condenser  
**Frequency Response:** 30~18,000 Hz  
**Sensitivity (at 1,000 Hz):** -65dB\*(0.56mV)\*0dB=1V/μbar  
**Impedance:** 220Ω  
**Max. SPL for 1% T.H.D.:** 130 dB  
**Signal-To-Noise Ratio:** 70dB  
**Output Connector:** 3P XLR(M) (power module)  
**Phantom Power Requirements:** 9-52 VDC  
**Current Consumption:** ≤3mA  
**Weight:** 60 grams (2.11oz)  
**Dimensions (mm):** Ø19 (W)\* 79 (H)



CX-509



CX-516/CX-516W

## CX-516

Unidirectional Condenser Instrument Microphone

The JTS CX-516 is a high-quality, miniature unidirectional condenser microphone designed for studio recording, broadcasting, and sound reinforcement. Its wide frequency response and low noise characteristics have made it a standard for use with acoustic string instruments: violins, cellos, as well as woodwind instruments, accordion, and organ (Leslie) cabinets.

The tailored sound characteristics, superb transient response allows detailed transparent reproduction of the sound source. The mini flexible gooseneck design provides quick pinpoint miking via the built in mounting clip.

\* Newly added spider suspension isolates unwanted mechanical vibration effectively.

**Type:** Uni-directional Condenser  
**Frequency Response:** 30 ~ 18,000 Hz  
**Sensitivity (at 1,000 Hz):** -65dB \* (0.56mV) \* 0dB = 1V/μbar  
**Impedance:** 220Ω  
**Max. SPL for 1% T.H.D.:** 130 dB  
**Signal-To-Noise Ratio:** 70 dB  
**Output Connector:** 3P XLR-(M) type (power module)  
**Phantom Power Requirements:** 9-52 VDC  
**Current Consumption:** ≤ 3mA  
**Weight:** 150 grams (5.29oz)  
**Dimensions (mm):** 245mm × 30mm



## CX-516W

Unidirectional Condenser Instrument Microphone

CX-516W: A wireless version of CX-516.

\* Newly added spider suspension isolates unwanted mechanical vibration effectively.

\* For most general purpose applications in live performance sound reinforcement.

\* Recommended for accordion, wind instrument brass and woodwind, organ cabinet.

**Connector:** 4P Mini XLR  
**Frequency Response:** 30 ~ 18,000 Hz  
**Polar Pattern:** Cardioid  
**Sensitivity (at 1,000 Hz):** -67 ± 3 dB \* (0.45mV) \* 0dB = 1V/μbar  
**Impedance:** 220Ω  
**Max. SPL for 1% T.H.D.:** 130 dB  
**Phantom Power Requirements:** 3-5 VDC  
**Standard Accessory:** MA-500

Phantom Power Adapter



PS-510M   
Power Supply