

# CX-516

## Miniature Unidirectional 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.

Newly added spider suspension isolates unwanted mechanical vibration effectively.



### Applications :

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

### Use Instruction :

1. Fix the microphone temporarily using the supplied adhesive putty on the accordion, wind instrument brass and woodwind, organ cabinet. (Figure 1)
2. Adjust gooseneck and rotary axis to a proper angle for sound pickup. (Figure 2)
3. Slip windscreens on microphone head to prevent wind noise (Figure 3)

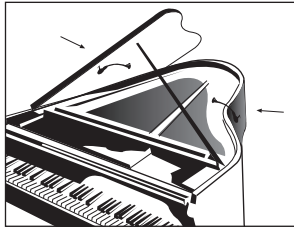


Figure 1

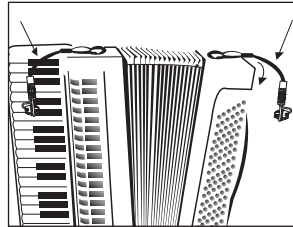


Figure 2

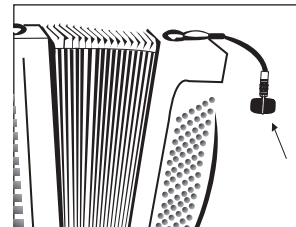
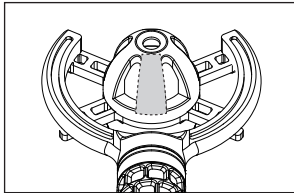


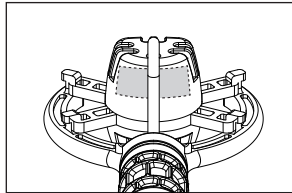
Figure 3

### Windscreen Instruction :

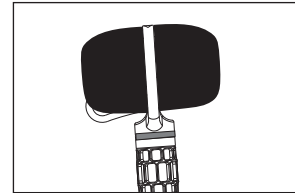
1. Place the adhesive tape as show in Picture 1 & Picture 2
2. Tear up the adhesive tape and position the windscreen as show in Picture 3.



Picture 1



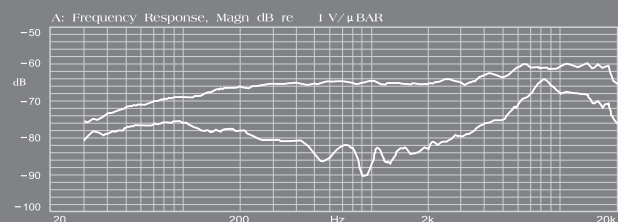
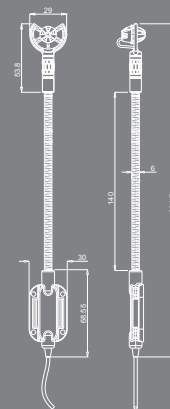
Picture 2



Picture 3

### Specifications :

<b>Model</b>	<b>CX-516</b>
Frequency Response.....	30~18,000 Hz
Polar Pattern.....	Cardioid
Sensitivity (at 1,000Hz).....	-65dB*(0.56mV)*0dB=1V/ $\mu$ bar
Impedance.....	220 $\Omega$
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.....	$\leq$ 3mA
Weight.....	150 grams (5.29oz)
Dimensions(mm).....	245mm $\times$ 30mm



### Accessories :

Windscreen

# CX-516

Frequency Response



59010-502-03

# CX-516W

## Miniature Unidirectional Condenser Instrument Microphone

The CX-516W 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. Newly added spider suspension isolates unwanted mechanical vibration effectively.



### Applications :

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

### Use Instruction :

1. Fix the microphone temporarily using the supplied adhesive putty on the accordion, wind instrument brass and woodwind, organ cabinet. (Figure 1)
2. Adjust gooseneck and rotary axis to a proper angle for sound pickup. (Figure 2)
3. Slip windscreen on microphone head to prevent wind noise. (Figure 3)
4. Plug the connector into the input socket of body-pack transmitter, then turn on the power for operation. (Figure 4)

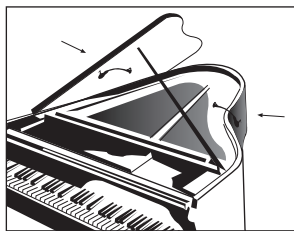


Figure 1

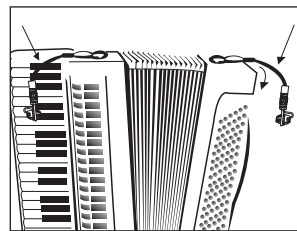


Figure 2

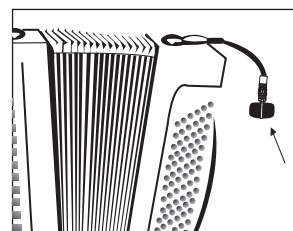


Figure 3

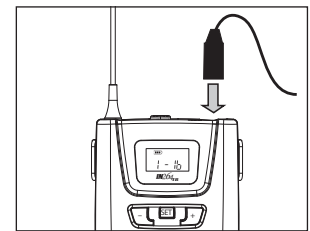


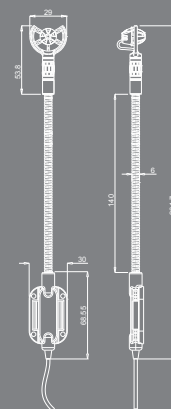
Figure 4

### Windscreen Instruction :

Please refer to CX-516 windscreen instruction.

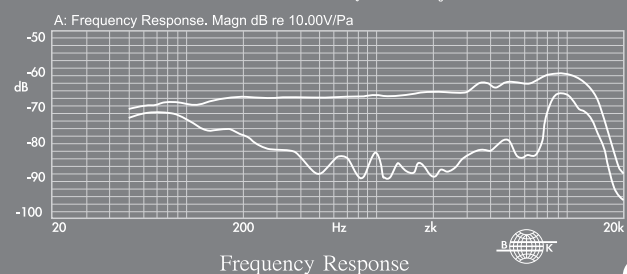
### Specifications :

<b>Model</b>	<b>CX-516W</b>
Connector.....	4P Mini XLR
Frequency Response.....	30~18,000 Hz
Polar Pattern.....	Cardioid
Sensitivity (at 1,000Hz).....	-67±3 dB* (0.45mV)*0dB=1V/μbar
Impedance.....	220Ω
Max. SPL for 1% T.H.D. ....	130 dB
Output Connector.....	4P Mini XLR
Phantom Power Requirements.....	3-5 VDC



### Accessories :

Windscreen



# CX-516W