JTS® Instruction Manual

CM-502 Condenser hanging microphone

Features

- The CM-502 is a condenser microphone with a supercardioid polar pattern, it features wide dynamic range and frequency response for accurate sound reproduction.
- High sensitivity allows sound pickup smartly.
- Attaching flexible mic. hanger benefits microphone in the proper orient of sound source.

Installation of mounting plate

1. Pass microphone through the hole in the center of mounting plate as (Figure 1).
2. Adhere the sticker to the reserve side of the plate to cover the hole. Pass cable through one fissure on the sticker and adhere the sticker to the relief outline on the plate center. (Figure 2)
3. Select the suitable cable length, then pass the cable through the chip at the plate rim, finally fix the plate on the ceiling or wall by 4 screws. (Figure 4)

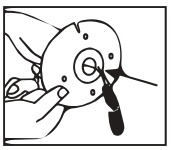


figure 1

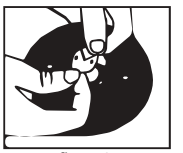


figure 2


figure 3


figure 4

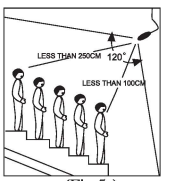
Use Installation

[1.] To find out the best position for fixing microphone.

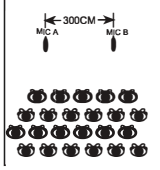
- The optimum sound accepting range is within 120° in horizontal space. (Fig.5)
- Proper distance between microphone and front sound source is less than 100 cm, and less than 250 cm to the rear source. (Fig.5)
- If more than 2 microphones will be used simultaneously in the same environment, keep the latter microphone 300 cm far from the former one. (Fig.6)
- To aim the microphone between the front source and the rear source for well-balanced sound pickup.

[2.] To wind the wire around flexible hanger for holding microphone toward the suitable direction. (Fig.7)

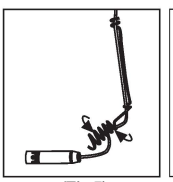
[3.] To slip windscreen over the head of microphone for prevent breath or popping noise. (Fig.8)

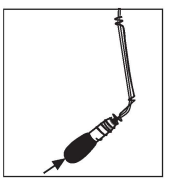


(Fig.5)



(Fig.6)

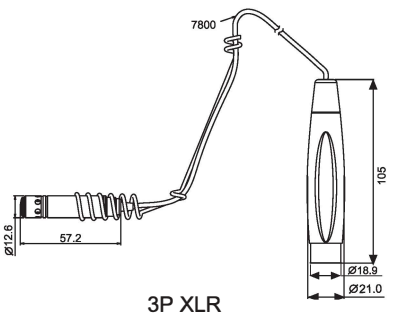

(Fig.7)


(Fig.8)

Specifications

Output connector	3P XLR	
Freq. response	100 ~ 18,000Hz	
Polar pattern	Supercardioid	
Impedance	220Ω ± 30%	
Sensitivity(at 1,000Hz)	-48±3dB	
Max. SPL for 1% THD	125dB	
Accessoies	Mic. hanger , Windscreen	

Dimension



3P XLR