

AMX 009

## UNI-DIRECTIONAL FLAT MICROPHONE

The flat microphone is superior-quality, wide-range condenser microphone designed for use on flat surfaces in church, school, room, theater, studio, meeting, session, etc.. It is designed for fashion and easy to operation.

### *Its features include:*

Electret Element-Provides greater frequency response and dynamic range  
Uni-directional pattern-Equipped with a low-cut filter, rejecting pop noises  
Two way power supply-phantom power supply(DC9-52V) or Battery (UM-3, 1.5V) is applied. ON/OFF switch-saves battery power and provides convenient control of the microphone.

### **OPERATION:**

To insert the microphone XLR/F connector into phantom power Adapter (use UM-3 battery) then to amplifier or tape desk, the other XLR/F connector connect to the flat microphone (as Fig.1),turn on the power when you are going to use the microphone.

You may use the Phantom Power Supply by connecting the XLR/F connector to the flat microphone, the other XLR/F connector to the Phantom Power Supply (9 ~ 52V DC), then the output signal will reach to amplifier or tape desk. (as Fig.2)

#### A. WITH BATTERY (UM-3. 1.5V)

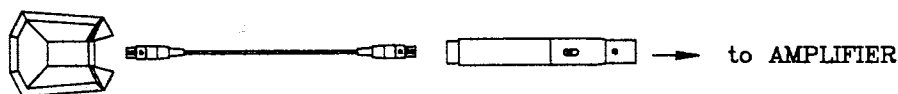


Fig.1

#### B. WITH PHANTOM POWER SUPPLY (9-52V DC)

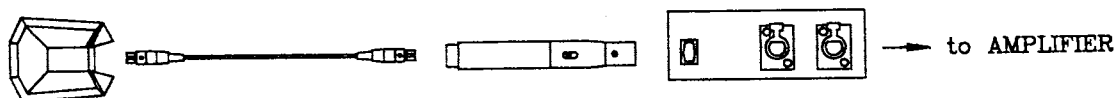


Fig.2

### **SPECIFICATIONS:**

- ELEMENT: Electret condenser
- POLAR PATTERN: Unidirectional Cardioid
- FREQUENCY RESPONSE: 50 to 18000Hz
- SENSITIVITY: -65dB  $\pm$  3dB at 1000Hz (0dB=1 microbar)
- OUTPUT IMPEDANCE: 250 ohms (Balanced)
- OPERATING VOLT: 9 to 52V DC (phantom power)  
1.5V (UM-3 Battery)
- CURRENT DRAIN: Less 2.mA (operating Voltage range)
- MAX SPL: 141dB (1% THD open circuit)
- SIG TO NOISE: More than 65dB (0dB=1 microbar)
- CABLE LENGTH: ①  $\phi$  3\*7m(XLR Female+XLR Female)  
②  $\phi$  6\*1m(XLR Female+XLR Male)  
③  $\phi$  6\*1m(XLR Female+6.3mm plug)