
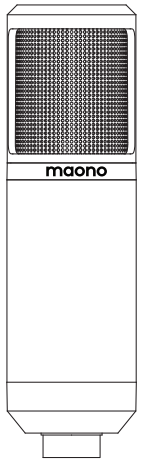


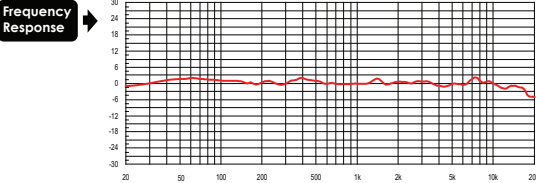
Size: W80\*H115mm. 128g 铜版纸，四色印刷，风琴折

  
  
**User Manual**  
Cardioid Condenser Microphone Set

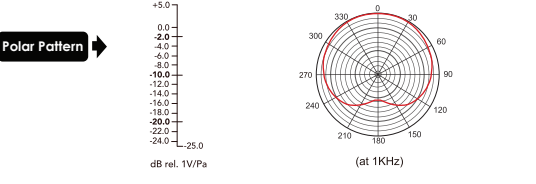
**Specification**

Polar pattern	Cardioid
Frequency response	20-20,000 Hz
Sensitivity	-34dB±3dB
Impedance	200ohms ±30%
Max. input sound level	140dB SPL, 1kHz at 1% T.H.D.
Signal to noise ratio	76dB
Phantom power requirements	48V DC, 3mA typical
Output connector	3-pin XLR

frequency response



Polar Pattern



**Description**

- The AU-PM320 is a condenser microphone with cardioid polar pattern. It is designed for voiceover, vocal, podcasting, singing...etc.
- The microphone output by standard 3-pin XLR connector.
- The cardioid polar pattern of the microphone is more sensitive to sound sources directly in front side, making it useful in controlling feedback, reducing pickup of unwanted sounds and providing isolation between performers.
- The microphone is enclosed in a metal casing. The whole set included the micro -phone, table tripod, mount ring, XLR audio cable and pouch. The user can be set it up easily.
- The microphone requires 48V phantom power for operation.

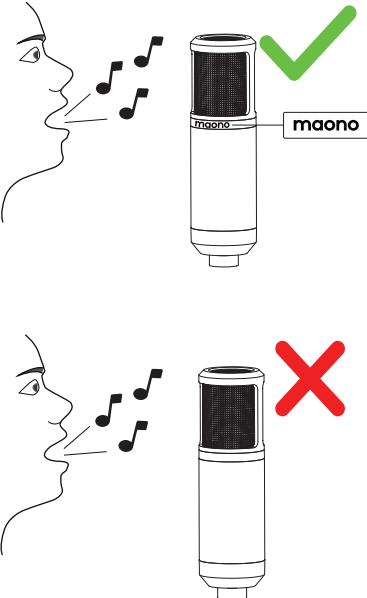
**Features**

- Excellent sound for all studio applications
- 48V Phantom power supported
- Full metal construction
- Pouch included
- 2.5m XLR audio cable included
- Large 16mm diaphragm condenser capsule
- Standard 3-pin XLR connector output
- Cardioid polar pattern improving isolation of desired sound source

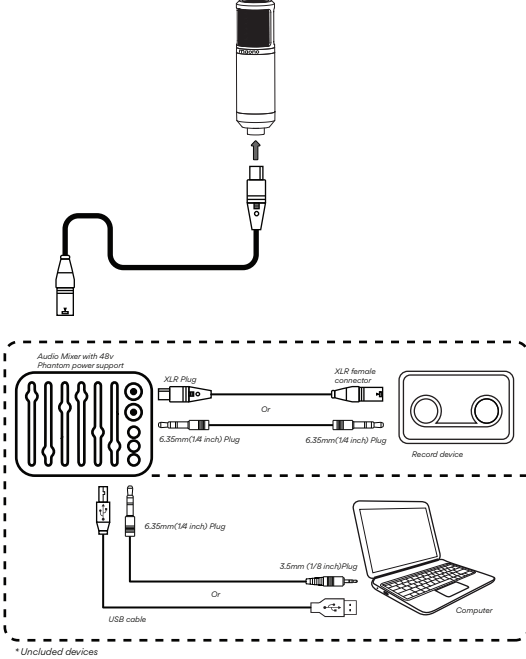
**Operation and Maintenance**

- The AU-PM320 requires 48V DC phantom power, which may be provided by a mixer or console, or by a separate, in-line source
- Output from the microphone's XLR connector is low impedance (Lo-Z) balanced. The signal appears across Pins 2 and 3. Pin 1 is ground (shield). Output phase is "Pin 2 hot" – positive acoustic pressure produces positive voltage at Pin 2.
- To avoid phase cancellation and poor sound, all mic cables must be wired consistently: Pin 1-to-Pin 1, etc.
- Avoid leaving the microphone in the open sun or in areas where temperatures exceed 110° F (43° C) for extended periods.
- Extremely high humidity should also be avoided.

**Cardioid polar pattern for front side use only**



**Connection and Application**



\*Included devices

Model: AU-PM320

Technical support:  
support@maono.com

Website:  
www.maono.com

