



## maono PM320S Condenser Studio Microphone Set User Manual

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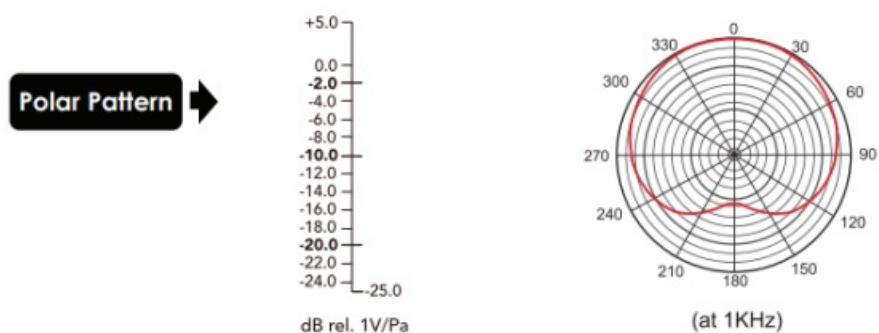
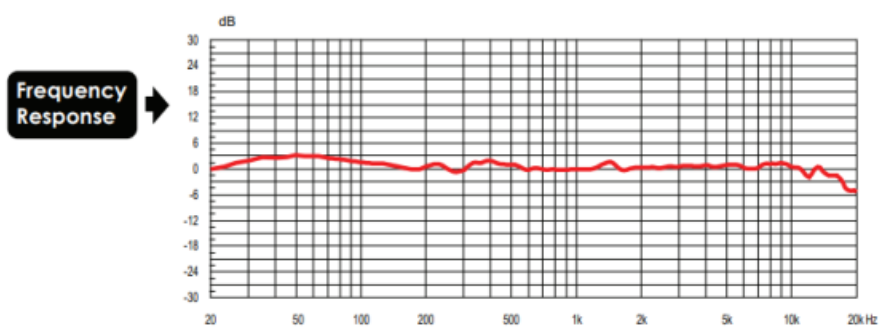


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## Specification

|                            |                                |
|----------------------------|--------------------------------|
| POLAR PATTERN              | Cardioid                       |
| FREQUENCY RESPONSE         | 20-18,000 Hz                   |
| SENSITIVITY                | -34dB±3dB                      |
| IMPEDANCE                  | 200 ohms ±30%                  |
| MAXIMUM INPUT SOUND LEVEL  | 140 dB SPL, 1 kHz at 1% T.H.D. |
| SIGNAL-TO-NOISE RATIO      | 75 dB                          |
| PHANTOM POWER REQUIREMENTS | 48V DC, 3 mA typical           |
| OUTPUT CONNECTOR           | 3-pin XLR                      |



## Description

- The AU-PM320S 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 microphone, boom arm, shock mount, pop filter, wind foam, XLR audio cable and user manual. The user can be set it up easily.
- The microphone requires 48V phantom power for operation.

## Features

Studio microphone and all accessories included.

Cardioid polar pattern improving isolation of desired sound source.

Large 16mm diaphragm condenser capsule.

Standard 3-pin XLR Connector output.

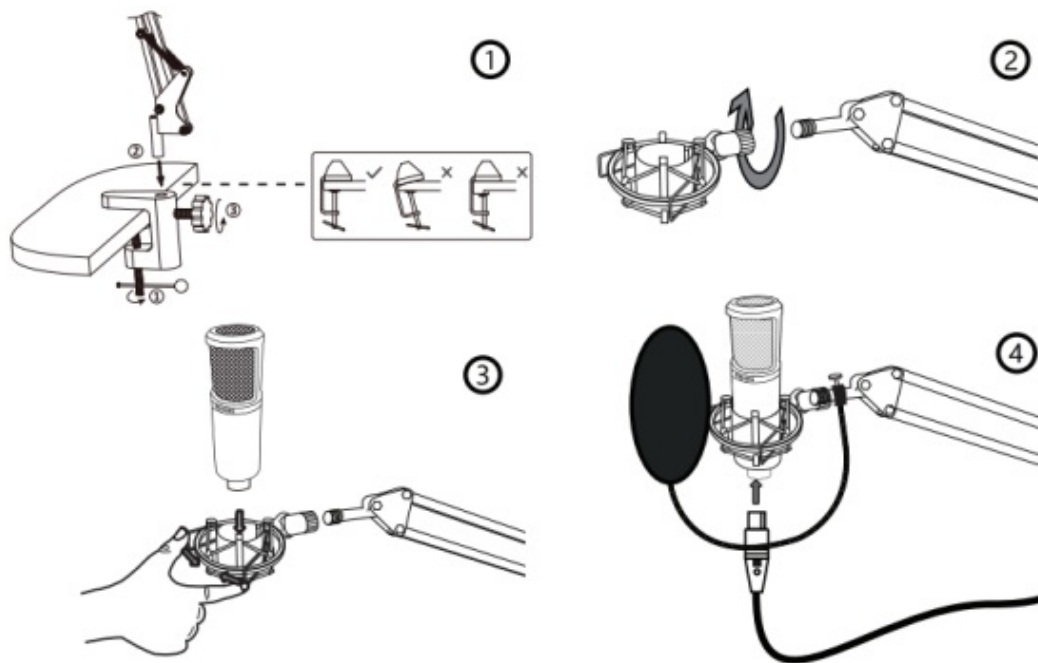
Excellent sound for all studio applications.

Full metal casing.

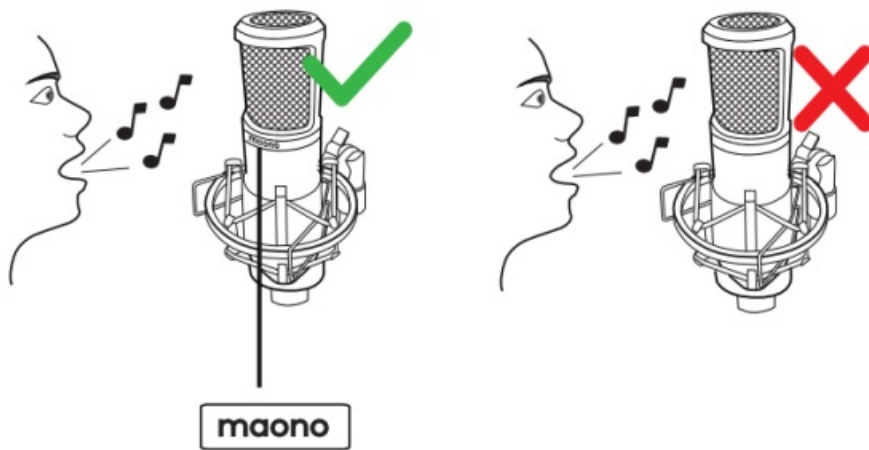
## Operation and Maintenance

- The AU-PM320S 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.

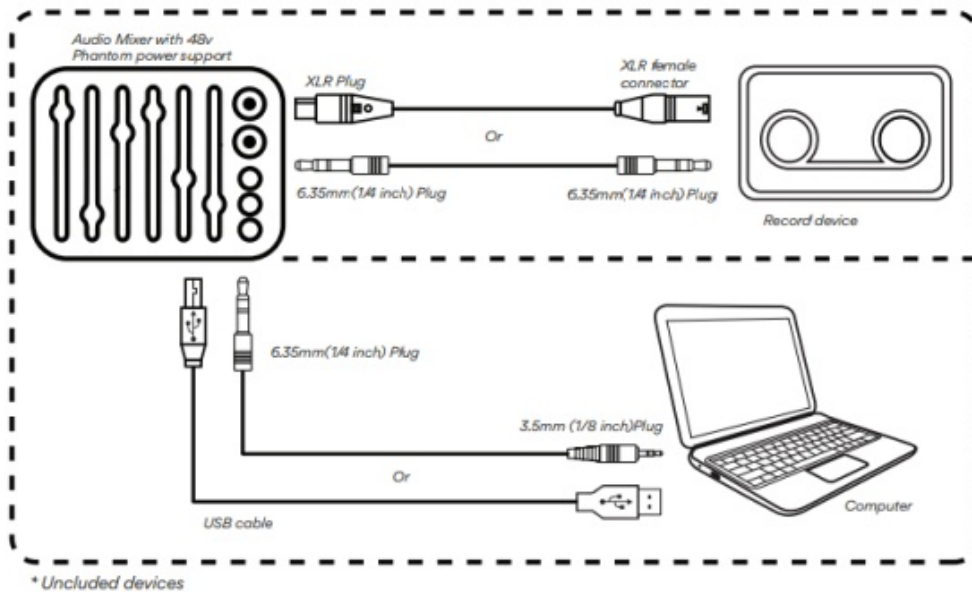
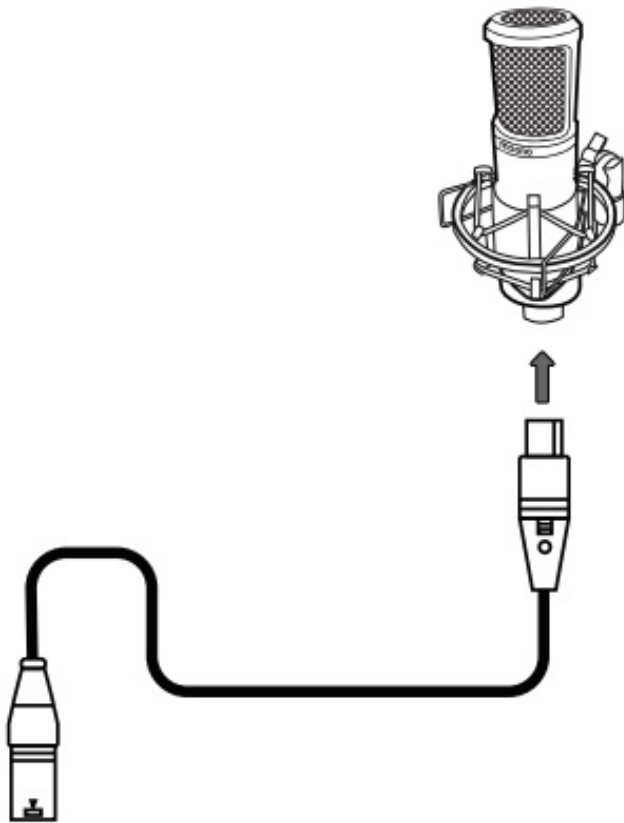
## Quick Installation



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



**Connection and Application**



## Customer Support


Technical support:  
[support@maono.com](mailto:support@maono.com)  
[www.maono.com](http://www.maono.com)



Made in China



## Documents / Resources

|   |  |
|---|--|
|  | <a href="#">maono PM320S Condenser Studio Microphone Set</a> [pdf] User Manual<br>PM320S Condenser Studio Microphone Set, PM320S, Condenser Studio Microphone Set, Studio Microphone Set, Microphone Set |
|---|--|

## References

-  [One moment, please...](#)
-  [Professional Audio Microphone | MAONO Online®Store](#)
- [User Manual](#)

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