

AU-PM500

# PROFESSIONAL LARGE DIAPHRAGM MICROPHONE AU-PM500

AU-PM500 is a professional-grade condenser microphone designed for vocal recording, music creation, and sound productions.

It is equipped with an ultra large 34mm metal diaphragm condenser capsule, assisted with premium circuit components.

AU-PM500 can capture any audible sound naturally and engagingly.

From the recording of the drum to the string instrument, it is always an ideal choice.



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## HIGHLIGHTS

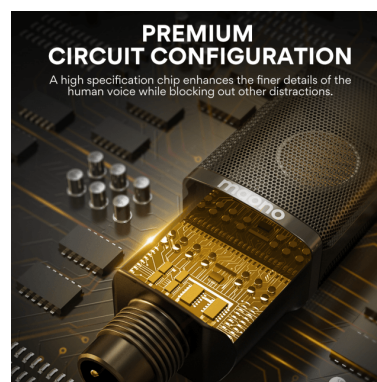


### 34MM LARGE DIAPHRAGM

At the core of the AU- PM500, it is a custom-designed 34mm gold spluttered condenser capsule, which offers a wide dynamic range, unmatched clarity, and ultra-precise cardioid polar pattern.

### HIGH-PERFORMANCE CIRCUIT

The circuit design of AU-PM500 utilizes premium components from top-tier manufacturers and a tailor-made audio signal transformer to provide low self-noise and exceptional sound capturing. It has also been uniquely tuned to reduce the proximity effect.



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## STUDIO-GRADE SOUND REPRODUCTION

AU-PM500 microphone offers a detailed, rich, smooth, and pleasing sound, which is superb for vocals, podcasts, live streamings, instruments, and other types of studio recordings.

## BUILT TO LAST

The body of this XLR condenser microphone is made with zinc alloy and treated with multi-layer coatings. It is sturdy, durable, and functions as an electromagnetic shield to give a purer audio signal.



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## PRODUCT DETAILS

### KEY FEATURES

34mm metal coated condenser capsule

Balanced XLR output

Full metal body

Custom fit Shock Mount

All-new designed Pop Filter

### SPECIFICATIONS

Transducer type	Condenser
Polar Pattern	Cardioid
Frequency Response	20Hz – 20kHz
Sensitivity	-35.3 dBu at 1kHz (1pa=94dB SPL)
Output impedance	98.7 ohm
Rate Load impedance	Not less than 1k ohm
Maximum SPL	120 dB SPL(1K, THD 0.5%)
S/N Ratio	70 dB-A
Noise level	20u Vrms
Dynamic Range	120 dB
Power Requirements	+48V DC Phantom Power