

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