

ATM250

ARTIST SERIES™

HYPERCARDIOID DYNAMIC INSTRUMENT MICROPHONE



SPECIFICATIONS

ELEMENT	Dynamic
POLAR PATTERN	Hypercardioid
FREQUENCY RESPONSE	40-15,000 Hz
OPEN CIRCUIT SENSITIVITY	-54 dB (1.9 mV) re 1V at 1 Pa
IMPEDANCE	600 ohms
WEIGHT (less cable and accessories)	252 g
DIMENSIONS	127.5 mm - long, 55.0 mm - diameter
OUTPUT CONNECTOR	Integral 3-pin XLRM-type
ACCESSORIES FURNISHED	AT8471 isolation clamp for $\frac{5}{8}$ "-27 threaded stand; $\frac{5}{8}$ "-27 to $\frac{3}{8}$ "-16 threaded adapter; Soft protective pouch

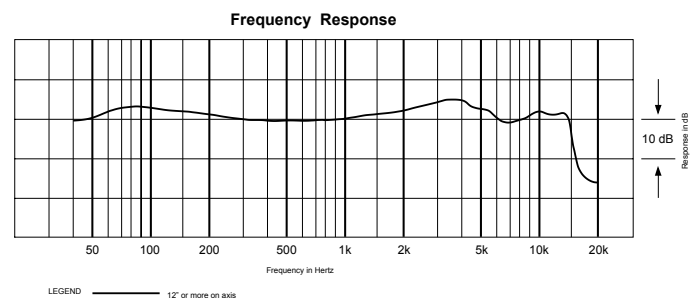
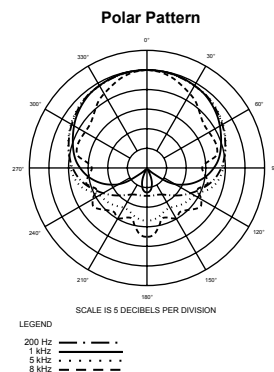
- Frequency response tailored for kick drum, percussion, brass, and other highly dynamic instruments.
- Handles very high SPL at close range.
- Big, warm low-frequency response with excellent presence.
- Hypercardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source.
- Durable performance for professional applications.
- Hi-ENERGY® neodymium magnet for improved output and transient response.
- Superior off-axis rejection for maximum gain before feedback.
- Corrosion-resistant contacts from gold-plated XLRM-type connector.
- Rugged, all-metal design and construction for years of trouble-free use.
- Includes isolation clamp and shock protection, secure mounting and easy positioning.

Output from the microphone's XLRM-type 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.

The ATM250 includes an AT8471 isolation clamp to provide secure mounting, versatile positioning and effective dampening of unwanted mechanical noise.

Take care to keep foreign particles from entering the windscreen. An accumulation of iron or steel filings on the diaphragm, and/or foreign material in the windscreen's mesh surface, can degrade performance.



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FORM No. ATGC-L0033-06-E

ATM250

ARTIST SERIES™

超心形指向性动圈式乐器话筒



- 专为脚踏鼓、敲击乐器、贝斯及其他高动态范围的乐器作收音而开发。
- 能处理近距离及非常高的声压收音。
- 强大及激动而杰出的低频响应表现。
- 超心形指向性设计，减低旁边及后方的噪声干扰，提高收音目标的隔离度。
- 专业应用性的耐用表现。
- Hi-ENERGY® 高能量钕磁磁铁，提供更大输出及音质透明度。
- 优秀的抗回声设计，在最高收音增益时，亦可减低出现反馈回声的情况。
- 抗腐蚀的镀金XLRM卡农输出头。
- 全金属结构，坚固、耐用、可长期使用。
- 配有防震话筒夹，提供稳固的安装，及调校夹持位置。

话筒的XLRM卡农输出端为低阻抗平衡输出，话筒音频信号最终以卡农公头的2号及3号针脚输出，而1号针脚则为地线(屏蔽)连接。输出相位将以正相位电平设于2号针脚上。

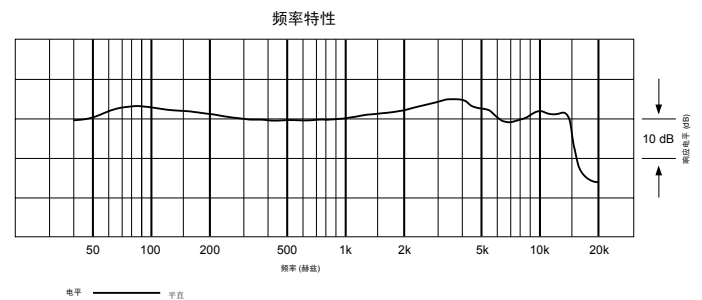
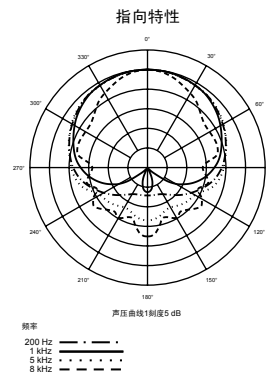
为避免出现相位相互抵消而失真的情况，所有话筒连接时，接线必需以1-1，2-2，3-3型式把针脚连接。如连接高阻抗的话筒输入，请配套阻抗匹配变压器AT8201。

ATM250配套有AT8471防震话筒夹，提供稳固的安装，及可调校夹持位置，能减低机械性的震动及噪声。

小心不要把金属碎或铁屑掉进防风罩内，铁屑会吸进收音头磁铁中，或贴在防风罩内，将会影响及减低收音效果。

技术指标

收音头	动圈式
指向特性	超心形指向性
频率响应	40-15,000 Hz
开通灵敏度	-54 dB (1.7 mV) 以 1V 于 1 Pa
输出阻抗	600 欧姆
重量 (不带连线与配件)	252 克
外形尺寸	127.5 mm - 长度, 55.0 mm - 直径
输出连接器	内置 XLRM-3针卡农公头
附属品	AT8470 Quiet-Flex™ - 5/8"-27接头 话筒夹， 5/8"-27至3/8"-16转接头，保护袋。



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