

AT8004

OMNIDIRECTIONAL DYNAMIC MICROPHONE



SPECIFICATIONS

ELEMENT	Dynamic
POLAR PATTERN	Omnidirectional
FREQUENCY RESPONSE	80-16,000 Hz
OPEN CIRCUIT SENSITIVITY	-51 dB (2.8 mV) re 1V at 1 Pa
IMPEDANCE	300 ohms
WEIGHT	160 g
DIMENSIONS	150.5 mm long, 35.8 mm head diameter
OUTPUT CONNECTOR	Integral 3-pin XLRM-type
ACCESSORIES FURNISHED	AT8405a stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch

- Ideal for interviews, sports broadcasting and as the "mono" mic when used in conjunction with a stereo microphone
- Omnidirectional polar pattern provides natural reproduction of surrounding ambience
- Rugged housing with hardened-steel grille stands up to field use
- Internal shock mounting minimizes handling and cable noise

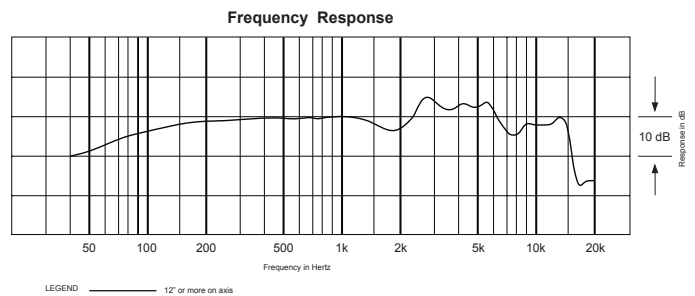
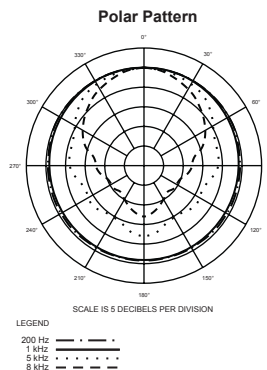
Output from the microphone's XLRM-type connector is low impedance (Lo-Z) balanced. The signal appears across Pins 2 and 3; Pin 1 is ground (shield). Output phase is "Pin 2 hot" – positive acoustic pressure produces positive voltage at Pin 2.

To avoid phase cancellation and poor sound, all mic cables must be wired consistently: Pin 1-to-Pin 1, etc. For a high-impedance (Hi-Z) mic input, connect a Lo-Z balanced cable to a Hi-Z matching transformer (Audio-Technica CP8201 or equal) at the equipment input.

Plug Type	Ground	Audio "+"	Audio "-"
XLR	Pin 1	Pin 2	Pin 3
1/4" TRS	Sleeve	Tip	Ring
1/4"	Sleeve	Tip	Sleeve

The microphone is RoHS compliant—free from all substances specified in the EU directive on hazardous substances.

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.



AT8004

全指向性动圈话筒



技术指标

收音头	动圈式
指向特性	全方向指向性
频率响应	80-16,000 Hz
开通灵敏度	-51 dB (2.8 mV) 以 1V 于 1 Pa
输出阻抗	300 欧姆
重量	160 g
外形尺寸	150.5 mm 长, 35.8 mm 收音头外径
输出连接器	内置 XLRM-3针卡农公头
附属品	AT8405a 5/8"-27接头转轴式支架; 5/8"-27至3/8"-16转接头; 保护袋

- 适合于采访及体育运动收音，并可配合立体声话筒作中央单声道收音。
- 全方向指向性收音，有效地全环境收音效果和清晰及准确的重播。
- 坚固金属外壳和收音头保护钢网结构，更合适在户外使用。
- 内置抗震垫设计，减至最小的手持摩擦和连接线噪声。

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。

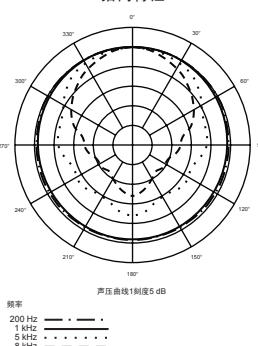
为避免出现相位相互抵消而失真的情况，所有话筒连接时，接线必需以1-1，2-2，3-3型式把针脚连接。如连接高阻抗的话筒输入，请配套阻抗匹配变压器AT8201。

插头类型	地线	音频“+”信号	音频“-”信号
XLR 卡农	1号针脚	2号针脚	3号针脚
1/4"TRS 大三芯	Sleeve(套)	Tip(尖)	Ring(环)
1/4"TR 大二芯	Sleeve(套)	Tip(尖)	Sleeve(套)

话筒符合RoHS规格，在构造上不含有欧盟禁用的危害性物质。

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。

指向特性



频率特性

