AT808G

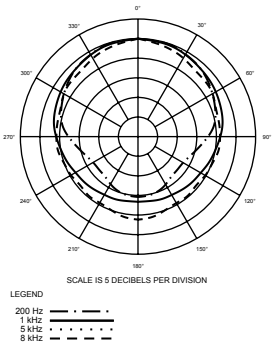
BROADCAST & PRODUCTION MICROPHONES

SUBCARDIOID DYNAMIC CONSOLE MICROPHONE

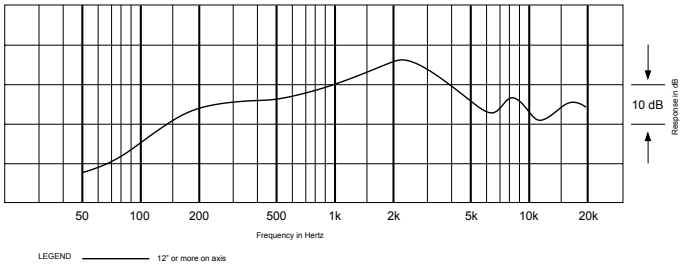
- Designed for use as a quality talk-back microphone in entertainment, commercial and industrial applications.
- Versatile gooseneck design and dependable performance.
- Custom-tailored frequency response ensures excellent intelligibility in environments with excessive ambient noise.
- Subcardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source.
- Protective screen reduces wind noise and “popping” when used extremely close.
- Plugs directly into an XLRF-type surface or cable connector.

SPECIFICATIONS	
ELEMENT	Dynamic
POLAR PATTERN	Subcardioid
FREQUENCY RESPONSE	200-5,000 Hz
OPEN CIRCUIT SENSITIVITY	-60 dB (1.0 mV) re 1V at 1 Pa
IMPEDANCE	800 ohms
WEIGHT	135 g
DIMENSIONS	412.7 mm long, 25.0 mm head diameter 19.0 mm base diameter
OUTPUT CONNECTOR	Integral 3-pin XLRM-type

Polar Pattern



Frequency Response



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 (A-T CP8201 or equal) at the equipment input.

Plug Type	Ground	Audio “+”	Audio “-”
XLR	Pin 1	Pin 2	Pin 3
¼" TRS	Sleeve	Tip	Ring
¼"	Sleeve	Tip	Sleeve

The flexible gooseneck is easy to manipulate for proper positioning. Heavily lubricated, it operates smoothly and quietly. Should the unit become noisy with prolonged use, apply a light machine oil directly on the gooseneck area affected.

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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AT808G

BROADCAST & PRODUCTION
MICROPHONES

准心形指向性调控台动圈话筒

- 高质量的动圈话筒，设计于演艺、商业和工业上的应用。
- 随意活动的鹅颈设计，和高可靠性的表现。
- 特定的频率特性，可在较高的环境噪声中亦保证有优秀的话音效果。
- 准心形指向性设计，减低旁边及后方的噪声干扰，提高收音目标的隔离度。
- 保护防风罩网，可减低在近距离人声收音时的喷气声。
- 可直接插入连接到XLRF卡农母头的板面或连接线。

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。

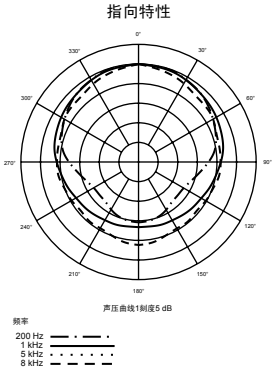
插头类型	地线	音频“+”信号	音频“-”信号
XLR 卡农	1号针脚	2号针脚	3号针脚
¼"TRS 大三芯	Sleeve(套)	Tip(尖)	Ring(环)
¼"TR 大二芯	Sleeve(套)	Tip(尖)	Sleeve(套)

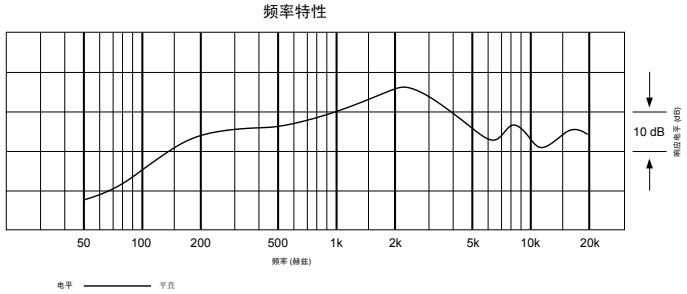
灵活的鹅颈式结构容易控制到适当位置。非常润滑灵活，可顺利和安静地操作。如果在长时间使用后发现话筒鹅颈位置出现噪音，请使用润滑机油直接加进到鹅颈位置。

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	准心形指向性
频率响应	200-5,000 Hz
开通灵敏度	-60 dB (1.0 mV) 以 1V 于 1 Pa
输出阻抗	800 欧姆
重量	135 g
外形尺寸	412.7 mm 长， 25.0 mm 收音头外径， 19.0 mm 底座外径
输出连接器	内置 XLRM-3针卡农公头





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