

X^M1_s / X^M3_s / X^M5_s / X^M5_s-SV



UNIDIRECTIONAL DYNAMIC MICROPHONE



X^M1_s

X^M3_s

X^M5_s

X^M5_s-SV

Audio-Technica's Xtreme Series are high-output design, excellent sound and rugged, all-metal construction, this totally redesigned series creates a new standard in affordable vocal microphones. There are four models - X^M1_s, X^M3_s, X^M5_s and X^M5_s-SV in Xtreme Series.

- High-output design for vocals that cut through the mix.
- Unidirectional dynamic element design.
- X^M3_s microphone is tailored frequency response, also used for optimal instrument reproduction.
- X^M5_s microphone is extended frequency response for optimal vocal reproduction.
- X^M5_s-SV microphone is finished with silver colour plated, for dazzling exhibit on the stage.
- Corrosion-resistant contacts from gold-plated XLRM-type connectors.
- Rugged all-metal construction for reliable performance.
- Cardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source.

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

Plug Type	Ground	Audio "+"
XLR	Pin 1 / Pin 3	Pin 2
6.3mm TS	Sleeve	Tip

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.

When using the microphone in settings with a stage monitor speaker, the speaker should be located 135° off axis (45° off the rear of the microphone). This placement, in conjunction with the microphone's uniform cardioid pickup pattern, will virtually eliminate the possibility of undesired audio feedback.

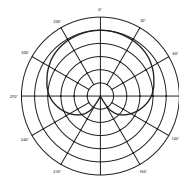
Take care to keep foreign particles from entering the windscreen. An accumulation of iron or steel filings on the diaphragm, and/or foreign material in the windscreen's mesh surface, can degrade performance.

SPECIFICATIONS

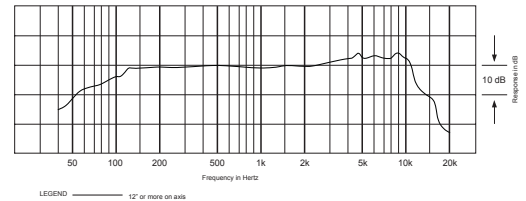
ELEMENT	Dynamic
POLAR PATTERN	Cardioid
FREQUENCY RESPONSE	X^M1_s 80-15,000 Hz X^M3_s 75-15,000 Hz X^M5_s / X^M5_s-SV 60-18,000 Hz
OPEN CIRCUIT SENSITIVITY	X^M1_s -53 dB (2.2 mV) re 1V at 1 Pa X^M3_s -54 dB (1.9 mV) re 1V at 1 Pa X^M5_s / X^M5_s-SV -54 dB (1.9 mV) re 1V at 1 Pa
IMPEDANCE	X^M1_s 500 ohms X^M3_s 600 ohms X^M5_s / X^M5_s-SV 600 ohms
WEIGHT (less cable)	X^M1_s 250 g X^M3_s 270 g X^M5_s / X^M5_s-SV 250 g
DIMENSIONS	X^M1_s 169.0 mm - long, 52.0 mm - head diameter X^M3_s 169.0 mm - long, 42.0 mm - head diameter X^M5_s / X^M5_s-SV 167.0 mm - long, 50.0 mm - head diameter
OUTPUT CONNECTOR	Integral 3-pin XLRM-type
CABLE	5m cable with XLRM-type connector at microphone and 6.3mm plug
ACCESSORIES FURNISHED	Stand clamp for 3/8"-27 threaded stand; 3/8"-27 to 3/8"-16 threaded adapter

X^M1_s

Polar Pattern

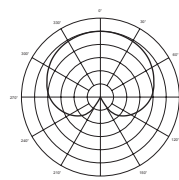


Frequency Response

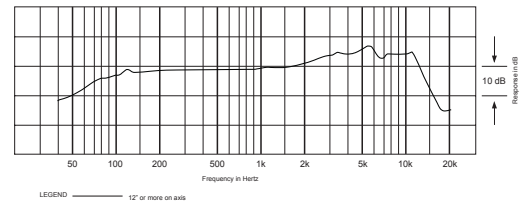


X^M3_s

Polar Pattern

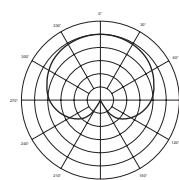


Frequency Response

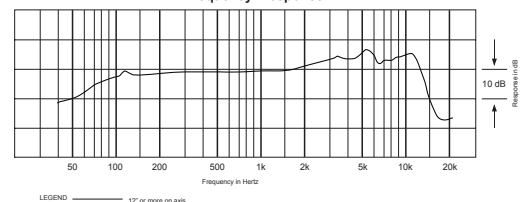


X^M5_s / X^M5_s-SV

Polar Pattern



Frequency Response



X^M1s / X^M3s / X^M5s / X^M5s-SV

xtreme™

单指向性动圈式话筒



X^M1s X^M3s X^M5s X^M5s-SV

Xtreme 激情系列为高输出，充满动感的音色和坚固耐用设计。全金属外壳结构，以合理价格而又有出色语音表现的标准设计的演出话筒。全系列设有四个型号选择，分别是X^M1s, X^M3s, X^M5s及 X^M5s-SV。

- 以符合人声语音表现的高输出设计。
- 单指向性动圈收音头结构。
- X^M3s话筒以广阔的频率响应收音而开发，并可适合于乐器收音的应用。
- X^M5s话筒以专为要求特广阔的频率响应的人声收音而开发，特别适合于歌唱的应用。
- X^M5s-SV话筒配以银色电镀外壳设计，在舞台上更为耀眼夺目。
- 抗腐蚀的镀金卡农接点，可保持良好的导电效能。
- 坚固耐用的设计，提供可靠的表现。
- 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。

话筒的XLRM卡农输出端为低阻抗非平衡输出，话筒音频信号最终以卡农公头的2号针脚输出，而1号及3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。

插头类型	地线	音频“+”信号
XLR 卡农	1号/3号针脚	2号针脚
6.3mm TR 大二芯	Sleeve (套)	Tip (尖)

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。

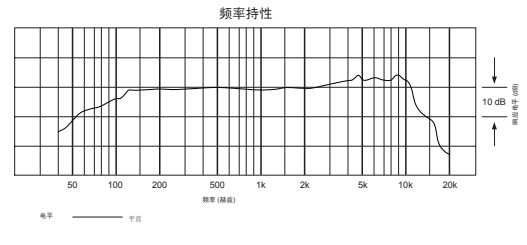
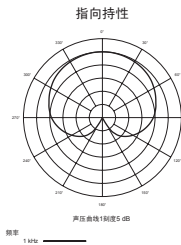
当话筒及现场监听音箱同时使用时，需要把音箱放置于话筒的135°后方(正后方的45°位置)。在这位置上，由于话筒的心形指向性设计，可减低出现反馈回声的情况。

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。

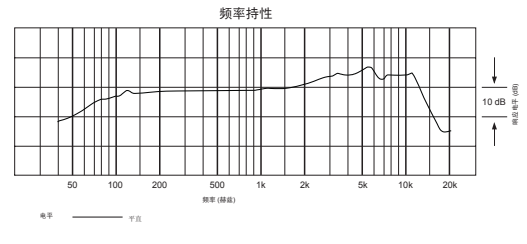
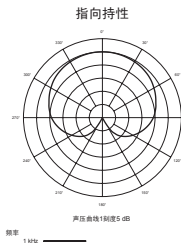
技术指标

收音头	动圈式
指向特性	心形指向性
频率响应	X ^M 1s 80-15,000 Hz X ^M 3s 75-15,000 Hz X ^M 5s / X ^M 5s-SV 60-18,000 Hz
开通灵敏度	X ^M 1s -53 dB (2.2 mV) 以 1V 于 1 Pa X ^M 3s -54 dB (1.9 mV) 以 1V 于 1 Pa X ^M 5s / X ^M 5s-SV -54 dB (1.9 mV) 以 1V 于 1 Pa
输出阻抗	X ^M 1s 500 欧姆 X ^M 3s 600 欧姆 X ^M 5s / X ^M 5s-SV 600 欧姆
重量	X ^M 1s 250 克 X ^M 3s 270 克 X ^M 5s / X ^M 5s-SV 250 克
外形尺寸	X ^M 1s 169.0 mm - 长度, 52.0 mm - 防风罩直径 X ^M 3s 169.0 mm - 长度, 42.0 mm - 防风罩直径 X ^M 5s / X ^M 5s-SV 167.0 mm - 长度, 50.0 mm - 防风罩直径
输出连接器	内置 XLRM-3针卡农公头
连线	5m 长 XLRF 至 6.3mm 连接线
附属品	5/8"-27接头话筒夹, 5/8"-27至3/8"-16转接头。

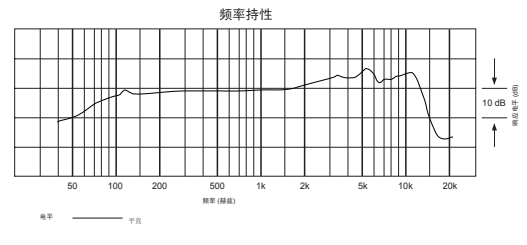
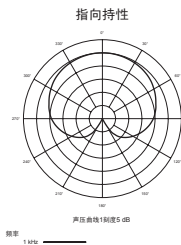
X^M1s



X^M3s



X^M5s / X^M5s-SV



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Machida • Tokyo • Japan

鐵三角®

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