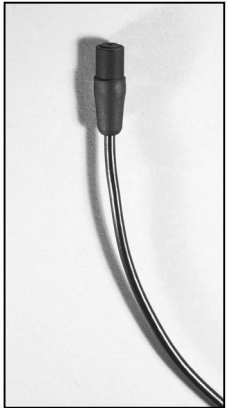
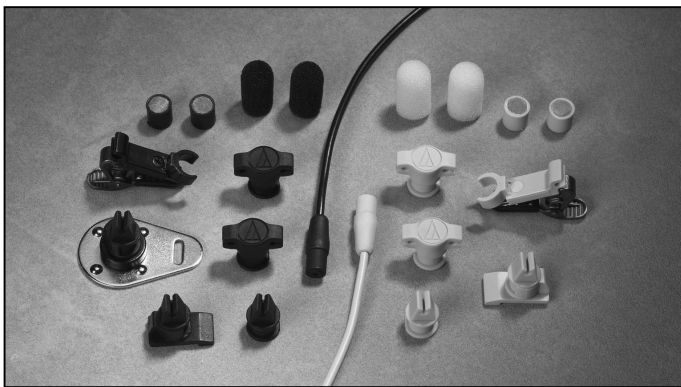


AT899

SUBMINATURE OMNIDIRECTIONAL CONDENSER MICROPHONE



- Maximum intelligibility and clean, accurate reproduction for vocalists, lecturers, stage and television talent, and worship leaders
- Low-profile design (a mere 5 mm in diameter) is ideal for applications requiring minimum visibility
- Includes an extensive array of accessories
- Switchable low-frequency roll-off reduces sensitivity to popping in close vocal use
- Available in black and beige (-TH) models
- Operates on battery or phantom power



The AT899 is designed to be worn as a lavalier or hidden in loose clothing or in the hair. For use as a lavalier, attach the microphone about six inches below the chin. Anticipate movements that may cause the microphone to rub against or be covered by clothing, and position the microphone to avoid it.

The included single and double mic holders are interchangeable with all the bases. To change the holders, simply remove original holder and snap in the desired one. When using the AT899 in extremely close situations, slip the included open-pore foam windscreen over the mic to reduce wind noise or "popping." Use the included element cover to protect the microphone element from contaminants.

CAUTION! To avoid possible injury, use caution when affixing the AT899 viper clip to clothing. The pins are sharp and may puncture skin. For best results, ensure that pin ends rest on outside of clothing.

The AT899 requires 11-52V DC phantom power, or a 1.5V AA battery for operation. A battery need not be in place for phantom power operation.

Battery installation: Unscrew the base of the power supply unit and insert one AA battery into the battery compartment, being certain to observe battery polarity as marked. Then simply screw the base shut. Alkaline batteries are recommended for longest life. Remove the battery during long-term storage.

Output from the power module'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.

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

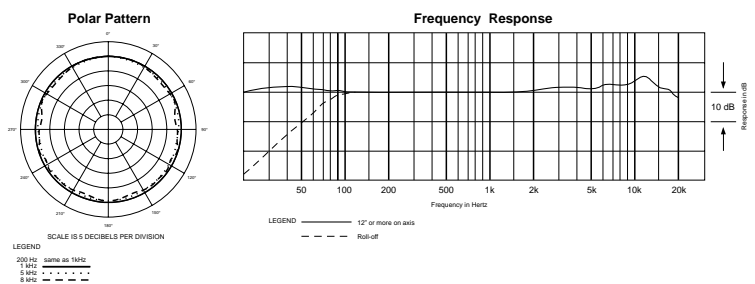
Avoid leaving the microphone in the open sun or in areas where temperatures exceed 43° C for extended periods. Extremely high humidity should also be avoided.

SPECIFICATIONS

ELEMENT	Fixed-charge back plate permanently polarized condenser
POLAR PATTERN	Omnidirectional
FREQUENCY RESPONSE	20-20,000 Hz
LOW FREQUENCY ROLL-OFF	80 Hz, 18 dB/octave
OPEN CIRCUIT SENSITIVITY (Phantom / Battery)	-43 dB (7.0 mV) re 1V at 1 Pa -46 dB (5.0 mV) re 1V at 1 Pa
IMPEDANCE (Phantom / Battery)	200 ohms / 250 ohms
MAXIMUM INPUT SOUND LEVEL (Phantom / Battery)	138 dB / 116 dB SPL, 1 kHz at 1% T.H.D.
DYNAMIC RANGE (typical) (Phantom / Battery)	108 dB / 86 dB, 1 kHz at Max SPL
SIGNAL-TO-NOISE RATIO	64 dB, 1 kHz at 1 Pa
PHANTOM POWER REQUIREMENTS	11 - 52V DC, 2 mA typical
BATTERY TYPE	1.5V AA/UM3
BATTERY CURRENT / LIFE	0.4 mA / 1200 hrs typical (alkaline)
SWITCHES	Flat, roll-off (recessed)
WEIGHT	MICROPHONE 0.5 g POWER MODULE 102 g
DIMENSIONS	MICROPHONE 16.0 mm long, 5.0 mm diameter POWER MODULE 145.0 mm long, 21.0 mm diameter
OUTPUT CONNECTOR	Integral 3-pin XLRM-type
CABLE	3.0 m long (permanently attached to microphone), 2.0 mm diameter, 2-conductor, shielded cable with TA3F-type connector that mates with TB3M jack on power module

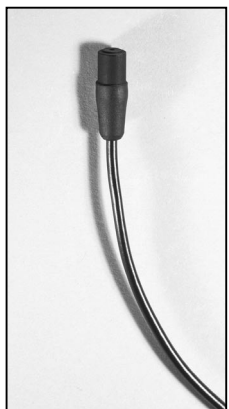
ACCESSORIES FURNISHED

AT8537 power module;
AT8439 cable clip;
clothing clip base;
viper clip base;
magnet clip base and plate with lanyard;
three single mic holders;
two double mic holders;
two element covers;
two windscreens;
battery;
protective carrying case

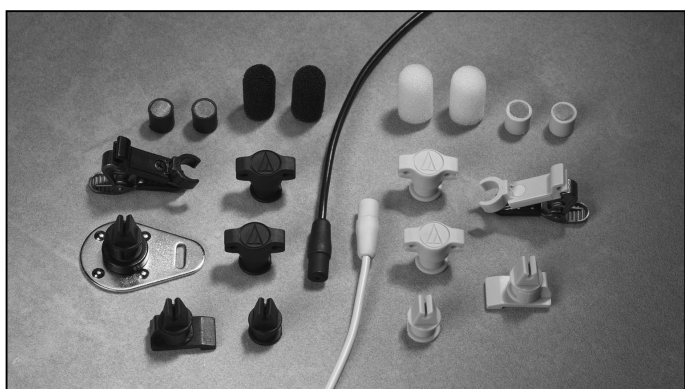


AT899

超小型全方向指向性话筒



- 清晰的话音质量，对应用在演讲、教学、舞台及电视演出等能有准确的重播。
- 超小型的不显眼设计(5mm外径)，适合于需要隐藏话筒的应用上。
- 配置有多款不同的佩戴附件。
- 设有高通滤波开关，能把低频噪声作出衰减而无损语音的收音质量。
- 提供有黑色及米黄色(肤色AT899-TH型号)供选择。
- 可以使用电池或幻象供电工作。



AT899是为戴在表演者衣服、领带或发饰上，在不妨碍外观，但有超卓收音效果而设计的超小型电容话筒。佩戴在领带时，请注意把话筒夹持于颈下约150mm的位置。而为避免衣服碰到话筒时产生的噪音，请注意话筒夹持的位置不要接触到其他衣服。

附属的单独和双话筒支架可和配套更换于所有底座上，可简单地把支架除下，再更换到另一个需要的底座中。为减低AT899话筒在近距离讲话收音时的喷气声，请使用附属的防风棉罩，这并可减低收音环境中的风噪声。另外，亦请使用附属收音头保护盖，以防不小心把金属碎或铁屑掉进收音头。

注音！为避免受伤，当把AT899话筒的夹子配戴在衣服上时，请小心锋利的别针刺伤皮肤。最佳的使用是保证别针的结尾置于衣服外面。

AT899话筒需使用11V至52V幻象供电或1.5V AA电池工作，当使用幻象电源时，可以不安装电池。

安装电池时，打开供电模组顶部的电池盖，放入一枚新的1.5V AA电池(+'极向电池盖打开键)，再盖回电池盖。建议使用碱性电池，而长时间不使用时，请把电池取出。

供电模组的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。

话筒符合RoHS规格，在构造上不含有欧盟禁用的危害性物质。

把话筒暴露于高温中可能导致输出电平逐渐及永久性减弱，应避免将话筒留在日晒的地方或长时间置于温度超过43°C的地方，而极高湿度也应避免。

技术指标

收音头	固定充电背板， 静电型电容式	
指向特性	全方向指向性	
频率响应	20-20,000 Hz	
高通滤波	80 Hz, 12 dB/octave	
开通灵敏度	(幻象供电) (电池)	-43 dB (7.0 mV) / -46 dB (5.0 mV) 以 1V 于 1 Pa
输出阻抗	(幻象供电/电池)	200 欧姆 / 250 欧姆
最大承受声压	(幻象供电/电池)	138 dB / 116 dB 声压， 1 kHz 于 1% T.H.D.
动态范围 (典型)	(幻象供电/电池)	108 dB / 86 dB, 1 kHz 于最高声压
讯噪比	64 dB, 1 kHz 于 1 Pa	
电池种类	1.5V AA型 5号电池	
耗电/电池寿命	0.4 mA / 1200小时 (碱性电池)	
幻像供电	直流 11 - 52V, 耗电 2mA 典型	
开关	平直 / 高通滤波 (凹槽开关)	
重量	话筒 供电模组	0.5 g 102 g
外形尺寸	话筒 供电模组	16.0 mm 长, 5.0 mm 直径 145.0 mm 长, 21.0 mm 直径
输出连接器	内置 XLRM-3针卡农公头	
连线	3.0 m - 长, 2.0 mm - 直径, 话筒固定连接, 2蕊线连屏蔽电线, 以TA3F插头连接于供电模组的TB3M 插座。	

附属品

- AT8537 供电模组;
- AT8539 连线别针;
- 衣服别针底座;
- 蛇型别针底座;
- 磁性别针底座和金属片连索带;
- 3个单话筒支架;
- 2个双话筒支架;
- 2个收音头保护盖;
- 2个防风棉罩;
- 电池;
- 保护袋

