

Thank you for purchasing this product. Before using the product, read through the user manual to ensure that you will use the product correctly. Please keep this manual for future reference.

Features

- Subminiature clip-on lavalier microphone designed for broadcast production and theater settings
- Microphone diameter of just 2.6 mm for the ultimate in lowprofile, high-performance audio
- Extremely intelligible, natural audio
- Handles high sound pressure levels with ease
- Locking 4-pin microphone output connector compatible with included power module and all Audio-Technica UniPak® bodypack wireless transmitters
- Rugged design and construction for reliable performance
- UniSteep® filter provides a steep low-frequency attenuation to improve sound pickup without affecting voice quality
- Offered in black and beige (-TH) models
- RoHS-compliant—free from all substances specified in the EU directive on the reduction of hazardous substances (RoHS)
- Also available in wireless models (without power module) terminated for use with all Audio-Technica UniPak® wireless systems and many other manufacturers' wireless systems

Notes on use

The BP896 requires 11V to 52V phantom power for operation, and includes a 1.4 m permanently attached miniature cable. Its free end connects to the provided AT8539 power module via a locking 4-pin connector. The connector is also compatible with all Audio-Technica UniPak® body-pack transmitters. The output of the power module is a 3-pin XLRM-type connector.

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.

Safety precaution

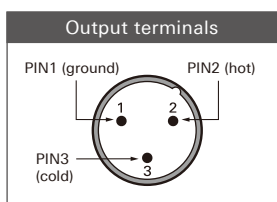
Although this product was designed to be used safely, failing to use it correctly may result in an accident. To ensure safety, observe all warnings and cautions while using the product.

Cautions for the product

- Do not subject the product to strong impact to avoid malfunction.
- Do not disassemble, modify or attempt to repair the product.
- Do not handle the product with wet hands to avoid electric shock or injury.
- Do not store the product under direct sunlight, near heating devices or in a hot, humid or dusty place.

Connection procedure

Connect the output terminals of AT8539 power module to a device that has a microphone input (balanced input) compatible with a phantom power supply. The output connector is an XLRM-type with polarity as shown in the figure below.



This product requires 48 V DC phantom power.

Specifications

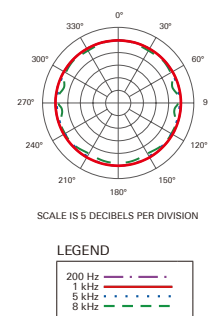
Element	Fixed-charge back plate, permanently polarized condenser
Polar pattern	Omnidirectional
Frequency response	20-20,000 Hz
Low Frequency response	80 Hz, 18 dB/octave (wired only)
Open circuit sensitivity	-49 dB (3.5 mV) re 1V at 1 Pa
Impedance	250 ohms (wired only)
Maximum input sound level	135 dB SPL (1 kHz at 3% THD)
Dynamic range (typical)	104 dB (1 kHz at Max SPL) (wired only)
Signal-to-noise ratio*	63 dB (1 kHz at 1 Pa)
Phantom power requirements	11-52 V DC, 2 mA typical (wired only)
Current consumption	0.1 mA typical at 5V (wireless only)
Voltage range	2.5-11V (wireless only)
Switch	Flat, roll-off (wired only)
Weight	Microphone (less cable): 0.14 g Power module (wired only): 85 g
Dimensions	Microphone: 10.8 mm long, 2.6 mm diameter Power module: 97.6 mm long, 18.9 mm diameter
Output connector	Integral 3-pin XLRM-type
Cable	1.4 m long (permanently attached to microphone), 1.6 mm diameter, 2-conductor shielded cable with locking 4-pin connector (wired only)
Included accessories	AT8539 power module (wired only); AT8517 windscreens; six element covers (2 white, 2 beige, 2 black); viper clip base; clothing clip base; 3 single mic holders; 2 double mic holders; carrying case

• 1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

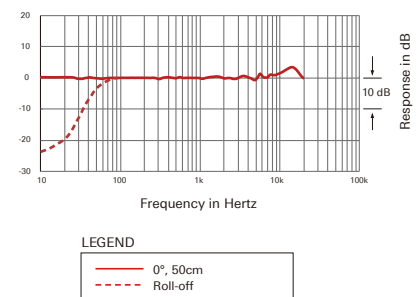
* Typical, A-weighted, using Audio Precision System One.

For product improvement, the product is subject to modification without notice.

Polar pattern

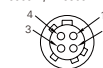


Frequency response



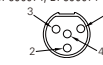
Cable Terminations

BP896cW, BP896cW-TH – Terminated with locking 4-pin connector for use with A-T UniPak® body-pack transmitters



	Pin 1	Pin 2	Pin 3	Pin 4
Function	Ground / Shield	Instrument	Mic Audio	Blas + In
Wire Colour	Green	Jumper to Pin 1	Copper Colour	Red

BP896cT4, BP896cT4-TH – Terminated using TA4F-type connector



	Pin 1	Pin 2	Pin 3	Pin 4
Function	Ground / Shield	Blas + In	Mic Audio	Source Load
Wire Colour	Green	Red	Copper Colour	Jumper to Pin 3

BP896cLM3, BP896cLM3-TH – Terminated using locking 3.5 mm connector



	Sleeve	Ring	Tip
Function	Ground / Shield	Mic Audio	Blas + In
Wire Colour	Green	Copper Colour	Red

BP896cT5, BP896cT5-TH – Terminated using TA5F-type connector



	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5
Function	Ground / Shield	Blas + In	Mic Audio	Source Load	Line In
Wire Colour	Green	Red	Copper Colour	Jumper to Pin 1	Open

BP896cL4, BP896cL4-TH – Terminated using Lemo® connector



	Pin 1	Pin 2	Pin 3	Shell / Case
Function	N/C	N/C	Blas + In, Mic Audio	Ground / Shield
Wire Colour	Open	Open	Red	Green

BP896c, BP896c-TH – Unterminated

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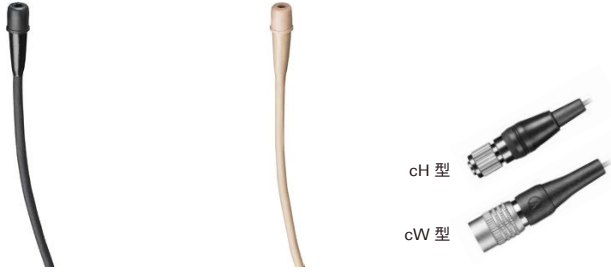
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Global Support Contact: www.at-globalsupport.com



用戶手冊

**BROADCAST
& PRODUCTION**
MICROPHONES



感谢您购买本产品。在使用产品之前，请全文浏览本用户手册以确保您将正确地使用本产品。请妥善保管本手册，以供将来参考。

产品特点

- 微细的超小型领带式话筒设计，适合于广播制作和舞台演出的使用
- 只有2.6 mm 直径的收音头结构，提供极致的隐藏性和高性能的音频表现
- 非常清晰和自然的音色
- 能轻易应付高声压级电平收音需要
- 锁固式4针话筒输出端子，可配套连接于有线供电模组，或所有鐵三角 Audio-Technica UniPak® 的盒式无线发射机
- 坚固的结构设计，提供具可靠性的表现
- UniSteep® 高通滤波器，提供了一个高效能的高通滤波，提低频噪声作出衰减而无损语音的收音质量
- 备有黑色和米黄色(肤色-TH) 型号
- 话筒符合RoHS规格，在构造上不含有欧盟禁用的危害性物质
- 设有可配套鐵三角 Audio-Technica UniPak® 无线话筒系统或其他厂家的无线系统的款式，输出端子可按需要而配置(不带供电模组)

使用注意事项

BP896 需要以11V 至 52V 幻象供电工作，并配置有1.4米长度，幼细而固定装置的连接线，输出为锁固式4 针端子，可直接连接于附属的AT8539 供电模组工作，亦可配置于所有鐵三角Audio-Technica UniPak® 的盒式无线发射机中。供电模组的输出端为内置3 针XLRM 卡农公头。

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。

安全预防措施

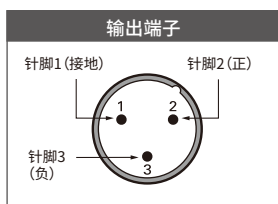
虽然本产品采用安全设计，但使用不当仍可能发生事故。为了确保安全，使用本产品时请注意全部警告和提醒。

本产品注意事项

- 切勿让本产品遭受强烈冲击，以避免发生故障。
- 切勿拆开、改装或尝试维修本产品。
- 切勿用湿手握持本产品，以免触电或受伤。
- 切勿将本产品存放在阳光直射的地方、加热装置附近或者炎热、潮湿或多尘的地方。

连接步骤

将AT8539 供电模组的输出端子连接到具有兼容幻象电源的话筒输入（平衡输入）的设备。输出接口是 XLRM 型接口，其极性如下图所示。



本产品使用直流 48V 幻象电源。

MicroPoint™ 领夾式全方向指向性话筒 BP896 / BP896TH

audio-technica

规格

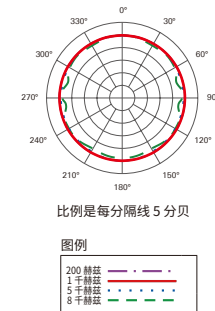
元件	固定充电背板,永久极化电容体
指向性	全方向指向性
频率响应	20-20,000 Hz
高通滤波	80 Hz, 18 dB/octave (有线型号)
开路灵敏度	-49 dB (3.5mV) re 1V at 1Pa
阻抗	250 欧姆 (有线型号)
最大输入声压级	135 dB SPL (1kHz 于 3% THD)
动态范围(典型)	104 dB (1kHz 于最大声压级) (有线型号)
信噪比*	74 dB (1kHz at 1Pa)
幻象供电	直流 11-52V, 2mA 典型 (有线型号)
耗电	0.1 mA 典型于 5V (无线型号)
电压范围	2.5-11V (无线型号)
开关	平直, 高通滤波 (有线型号)
重量	收音头(不含连线): 0.14 克 供电模组 (有线型号): 85 克
尺寸	收音头: 长 10.8 mm, 直径 2.6 mm 供电模组: 长 97.6 mm, 直径 18.9 mm
输出端子 (供电模组)	内置式 3 针卡农公头
连接线	长 1.4 米 (固定连接于话筒), 直径 1.6 mm, 2芯屏蔽式连线并配置4针锁固式端子 (有线型号)
附带配件	AT8539 供电模组 (有线型号); AT8157 防风海棉; 六个收音头保护盖(白色、米黄色、黑色各两个); 衣服别针底座; 蛇型别针底座; 三个单话筒支架; 两个双话筒支架; 便携保护袋

* 1 帕 = 10 达因 / 平方厘米 = 10 微巴 = 94 dB SPL

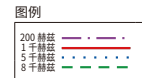
* 典型, A 计权, 使用 Audio Precision System One

因产品改进, 本产品会随时改装, 恕不另行通知。

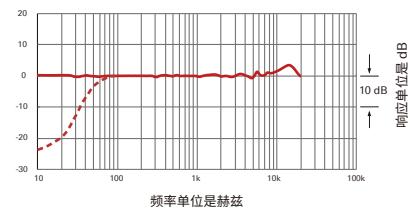
指向性



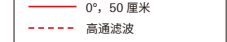
比例是每分贝 5 分贝



频率响应



图例



接线端子

BP896cW, BP896cW-TH - 以锁固式4针端子，使用于鐵三角 A-T UniPak® 鐵盒式无线发射机



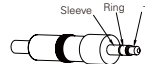
	针脚1	针脚2	针脚3	针脚4
功能	地线 / 屏蔽	乐器	话筒音频	偏压+ 输入
导线颜色	绿色	与 针脚1 跳线	透明铜线	红色

BP896cT4, BP896cT4-TH - 以TA4F端子



	针脚1	针脚2	针脚3	针脚4
功能	地线 / 屏蔽	偏压+ 输入	话筒音频	音源负载
导线颜色	绿色	红色	透明铜线	与 针脚3 跳线

BP896cLM3, BP896cLM3-TH - 以锁固式3.5 mm端子



	Sleeve	Ring	Tip
功能	地线 / 屏蔽	话筒音频	偏压+ 输入
导线颜色	绿色	透明铜线	红色

BP896cT5, BP896cT5-TH - 以TA5F端子



	针脚1	针脚2	针脚3	针脚4	针脚5
功能	地线 / 屏蔽	偏压+ 输入	话筒音频	音源负载	线路输入
导线颜色	绿色	红色	透明铜线	与 针脚1 跳线	不连接

BP896cL4, BP896cL4-TH - 以Lemo® 端子



	针脚1	针脚2	针脚3	外壳
功能	空置	空置	偏压+ 输入, 话筒音频	地线 / 屏蔽
导线颜色	不连接	不连接	红色	绿色

BP896c, BP896c-TH - 没有连接端子

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