



User Manual

Subminiature Cardioid Condenser Microphones for Wireless System AT898cW / AT898cH

audio-technica



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

- Maximum intelligibility and clean, accurate reproduction for lecturers, stage and television talent, and worship leaders
- Low-profile design (a mere 5 mm in diameter) is ideal for applications requiring minimum visibility
- Cardioid polar pattern improving isolation of desired sound source
- Includes an extensive array of accessories
- AT898cW equipped with cW-style locking and equipped with AT898cH cH-style screw-down 4-pin termination for Audio-Technica wireless systems

Notes on use

AT898cW and AT898cH are designed to be worn as a lavalier or hidden in loose clothing. 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 wireless versions do not contain power module and 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 microphone in extremely close situations, slip the included openpore foam windscreen over the mic to reduce wind noise or "popping."

Less power module and includes clothing clips, mic holders and windscreens. 1.4 m cable terminated with locking 4-pin connector. The connector is also compatible with Audio-Technica cW and cH type body-pack transmitters.

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.

Specifications

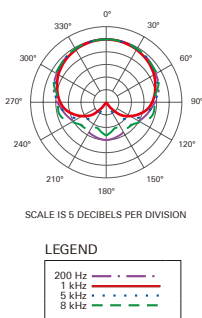
Element	Fixed-charge back plate, permanently polarized condenser
Polar pattern	Cardioid
Frequency response	200 - 15,000 Hz
Open circuit sensitivity	-43 dB (7.0 mV) re 1V at 1 Pa
Impedance	200 ohms
Maximum input sound level	131 dB SPL, 1 kHz at 1% T.H.D.
Dynamic range (typical)	100 dB, 1 kHz at Max SPL
Signal-to-noise ratio	63 dB, 1 kHz at 1 Pa
Voltage range	2.5-11V
Weight	0.9 g
Dimensions	23.0 mm long, 5.3 mm diameter
Output connector	cW-type (AT898cW) / cH-type (AT898cH)
Cable	1.4 m long (permanently attached to microphone), 2.6 mm diameter, 2-conductor shielded cable (termination dependent)
Included accessories	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 windscreens; protective carrying case



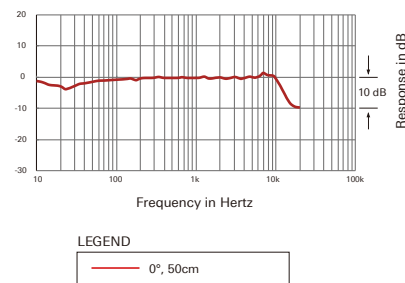
- 1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL
- * Typical, A-weighted, using Audio Precision System One.

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

Polar pattern



Frequency response



Connection procedure

Cable Terminations

ATM73cW – 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	Copper Wire	Jumper to Pin 1	Yellow	Red

ATM73cH – Terminated with locking 4-pin connector for use with A-T cH body-pack transmitters



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



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

- 清晰的话音质量，对应用在教学、舞台及电视演出等能有准确的重播。
- 超小型的不显眼设计(约5mm外径)，适合于需要隐藏话筒的应用上。
- 心形指向性收音，能有效减低旁边及后方的杂声干扰
- 配置有多款不同的佩戴附件
- AT898cW 配以锁固式 cW 型4针话筒输出端子，AT898cH 配以螺旋式 cH 型4针话筒输出端子，适用于鐵三角 Audio-Technica cW 或 cH 型的盒式无线发射机

使用注意事项

AT898cW 和 AT898cH 是为戴在表演者衣服、领带上，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。

此无线版本不带供电模组，但提供领带夹和金属网防风罩，长1.4m音频线输出，可配置于所有鐵三角Audio-Technica cW 或 cH 型的盒式无线发射机中。

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。

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，而极高温度也应避免。

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。

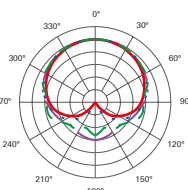
规格

元件	固定充电背板，静电型电容式
指向性	心形指向性
频率响应	200 - 15,000 Hz
开路灵敏度	-43 dB (7.0mV) 以 1V 于 1Pa
输出阻抗	200 欧姆
最大承受声压	131 dB 声压, 1 kHz 于 1% T.H.D.
动态范围 (典型)	100 dB, 1 kHz 于最高声压
信噪比	63 dB, 1 kHz 于 1 Pa
电压范围	2.5 - 11V
重量	0.9 克
尺寸	23.0 mm 长, 5.3 mm 直径
输出端子 (供电模组)	cW 型4针 (AT898cW) / cH 型4针 (AT898cH)
连接线	长 1.4 米 (固定连接于话筒), 直径 2.6 mm , 2芯屏蔽式连线并配置连接端子 (连接端子类型视乎不同型号)
附带配件	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; 保护袋

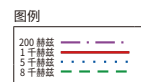


• 1 帕 = 10 达因 / 平方厘米 = 10 微巴 = 94 dB SPL
* 典型, A 计权, 使用 Audio Precision System One
因产品改进, 本产品会随时改装, 恕不另行通知。

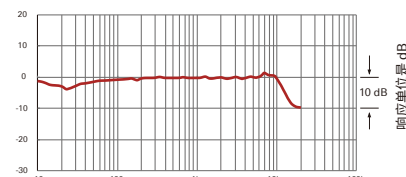
指向性



比例是每分贝 5 分贝



频率响应



连接步骤

接线端子

ATM73cW - 以锁固式4针端子，使用于鐵三角 A-T UniPak® 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	裸铜线	与 针脚1 跳线	黄色	红色

ATM73cH - 以锁固式4针端子，使用于鐵三角 A-T cH 型 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	裸铜线	与 针脚1 跳线	黄色	红色