

Specifications

- **Type** : Back electret condenser
 - **Polar pattern**: Omnidirectional
 - **Frequency response**: 30 to 18,000 Hz
 - **Sensitivity**: -42 dB (0 dB=1 V/1 Pa, 1 kHz)
 - **Impedance**: 1.5k ohms
 - **Power source**: Battery or plug-in power system (Voltage for plug-in power system: 2 to 5 V)
 - **Battery life**: Approx. 500 hours (Continuous operating time)
 - **External dimensions**: (Microphone) 6.4 mm × 1.8 mm (Head diameter × Length)
(Power module) H 13.6 × W 22.4 × D 44.6 mm
 - **Weight (without cable)** : Approx. 1 g (0.04 oz)
 - **Cable**: 1.2 m
 - **Plug**: (Microphone) 3.5 mm (1/8") gold-plated stereo mini-plug (3 pole/L-shaped)
(Power module) 3.5 mm (1/8") gold-plated stereo mini-plug (2 pole/L-shaped)
 - **Included accessories**: Wind screen, Power module, 2-way holder clip, Alkaline button battery LR44 (for operation check), pouch
- (For product improvement, the product is subject to modification without notice.)



Audio-Technica Corp.

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Monaural Microphone

AT9903

User manual



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

Safety precautions

Although this product was designed with sufficient consideration for safety, failing to use it correctly may cause accidents.

Make sure to follow the instructions below to prevent accidents.

Precautions for the microphone

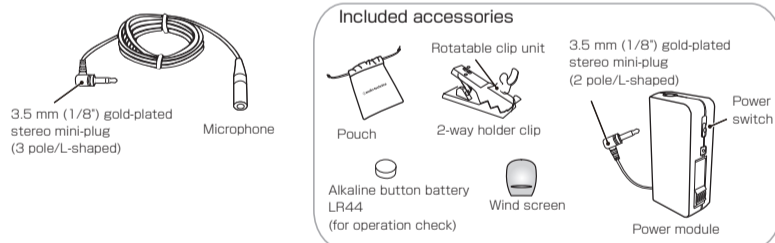
- Do not subject the product to strong impact.
- Do not disassemble, modify or attempt to repair the product.
- Do not store the product under direct sunlight, near heating devices or in a hot, humid or dusty place. Do not get the product wet.
- Be careful not to twist or pull directly on the cable, to avoid wire breakage and other damage.
- Do not swing or pull the microphone while holding it by the cable.
- Do not wind the cable around portable devices, etc. or pinch the cable inside them.

Precautions for the battery

The specified battery | Alkaline button battery LR44

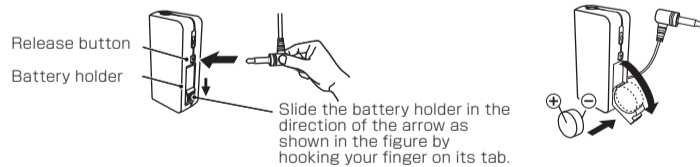
- If battery fluid gets into your eyes, do not rub your eyes. Immediately rinse your eyes thoroughly with clean water such as tap water and consult a doctor.
- Never heat, disassemble or modify the battery, nor place it near fire, to avoid fluid leakage, generation of heat and explosion.
- Insert the battery correctly according to the marked polarity, to avoid fluid leakage, generation of heat and explosion.
- Remove a leaking battery immediately and do not touch the fluid with bare hands.
 - If fluid gets in your mouth or the mouth of a child, immediately gargle and wash out the mouth thoroughly with clean water such as tap water and consult a doctor.
 - If your skin or clothing comes in contact with fluid, immediately wash the affected skin or clothing with water. If you experience skin irritation, consult a doctor.
- Do not place the battery next to metal objects such as coins and keys, nor connect the positive and negative poles of the battery with them. Doing so may cause a short circuit, resulting in fluid leakage, generation of heat or explosion.
- Do not attempt to charge the alkaline batteries, to avoid fluid leakage, generation of heat and explosion.
- Remove depleted batteries immediately to avoid fluid leakage, generation of heat and explosion.
- Remove the battery if you will not use it for a long time, to avoid malfunction by fluid leakage.
- Do not use the battery if its exterior label has come unstuck, to avoid fluid leakage, generation of heat and explosion. Do not tear the exterior label from the battery.
- Do not drop the product or subject it to strong impact, to avoid fluid leakage, generation of heat and explosion.
- Do not deform or solder the battery, to avoid fluid leakage, generation of heat and explosion.
- Do not use, leave or store the battery in the following places:
 - Areas exposed to direct sunlight or high temperatures and humidity
 - Inside of a car under the blazing sun
 Doing so may cause leakage, generation of heat, explosion or performance deterioration.
- Insulate the terminals of a battery with tape, etc. when storing or disposing of it, to avoid fluid leakage, generation of heat and explosion.
- Do not get the battery wet, to avoid generation of heat.
- Do not use batteries other than the specified ones, to avoid fluid leakage, generation of heat and explosion.
- Take environmental conservation into consideration, and dispose of used batteries in a way that complies with the rules that the local government specifies.

Name of each part



How to replace the battery

- ① Push and hold the release button on the side of the power module with the pointed tip of a tool such as a 3.5 mm (1/8") mini-plug, and pull out the battery holder by sliding the tab on the left side of it with your finger.
- ② Insert the alkaline button battery LR44 after making sure of the polarity markings, then close the battery holder.

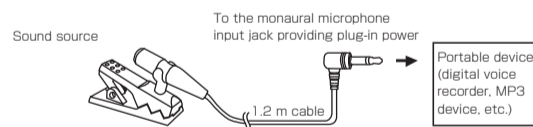


How to use

Make sure to confirm the specifications and power supply system of the microphone input jack on the device you will connect before using the product.

Connecting to a device that provides plug-in power

- ① Insert the product into to the 2-way holder clip, then clip it onto your clothes or place it on a desk or table.
 - ② Connect the product to the device. Insert the plug into the monaural microphone input jack on the device.
- *Read the user manual for the device you will connect.



Connecting to a device that does not provide plug-in power

- ① Insert the product into to the 2-way holder clip, then clip it onto your clothes or place it on a desk or table.
 - *Install the wind screen when using the product in a windy place such as outdoors.
 - ② Insert the plug of the product into the input jack on the power module, and insert the plug of the power module into the monaural microphone input jack on the device.
 - *Read the user manual for the device you will connect.
 - ③ Flip the power switch of the power module to "ON".
 - ④ Flip the power switch of the power module to "OFF" after use.
- *Failing to turn off the power module will consume the battery and may cause sound distortion or lack of sound.

