audio-technica

ATV-SG1LE

On-Camera Shotgun Microphone

User Manual

English

Safety precautions

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

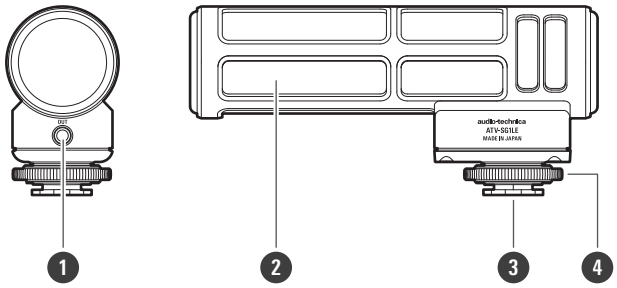
- Do not subject the product to strong impact to avoid malfunction.
- Do not disassemble, modify or attempt to repair the product.
- Do not handle the product with wet hands to avoid electric shock or injury.
- Do not store the product under direct sunlight, near heating devices or in a hot, humid or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

Notes on use

- Be sure to read the connected device's user manual before use.
- When the product is used for a long time, the product may become discolored due to ultraviolet light (especially direct sunlight) and wear.
- Use the included cable for connection.
- Make sure to hold the plug when connecting and disconnecting the cable. The cable may become severed or an accident may occur if you pull on the cable itself.
- When using the cable, be careful not to twist it to prevent damage to the cable.
- Do not wind the cable at the base of the plug. Doing so may result in disconnection.
- When plugging the cable into the microphone and the connected device, check that the connector is facing in the correct direction before inserting it straight. Inserting the plug diagonally may cause a malfunction.
- When not in use, disconnect the cable from the product.
- Make sure that no foreign matter enters inside the mesh part of the product. Performance may be degraded.
- For important recordings, perform a trial recording beforehand to make sure that the sound is recorded correctly.
- Audio-Technica will not be liable in any way for any loss data or damage connected to the product.

Part names and functions

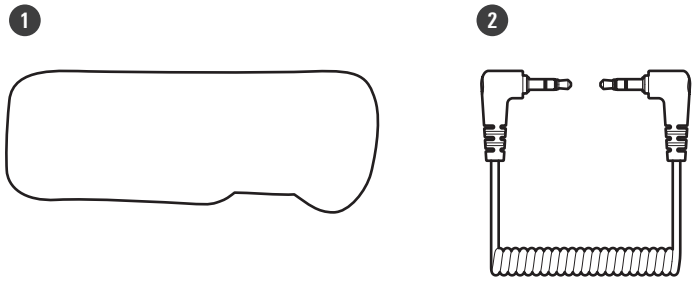
Microphone



1. **Output terminal (3.5 mm (1/8″) stereo mini-jack)**
2. **Microphone**
3. **Shoe mount plate**

   Attach to the camera's accessory shoe. There is also a 1/4″ threaded hole on the bottom, allowing it to be mounted on a tripod or other stand.
4. **Lock ring**

Included accessories

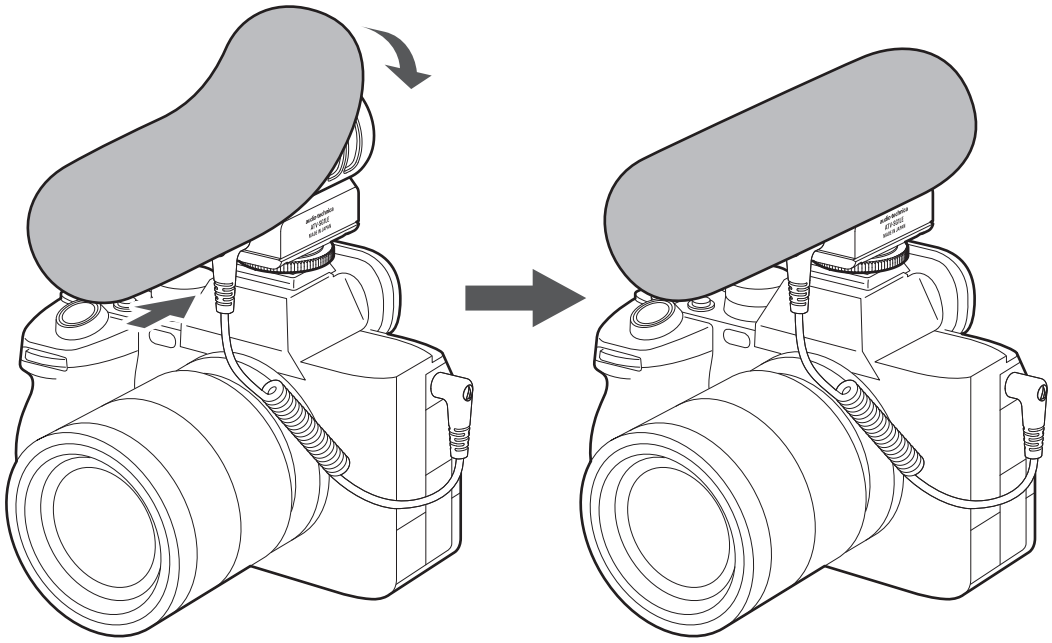


1. **Wind muff (exclusive for ATV-SG1LE)**
2. **Coiled cable (approx. 5 cm (2.0″) (when extended: approx. 50 cm (20″)), 3.5 mm (1/8") stereo mini-plug × 2)**

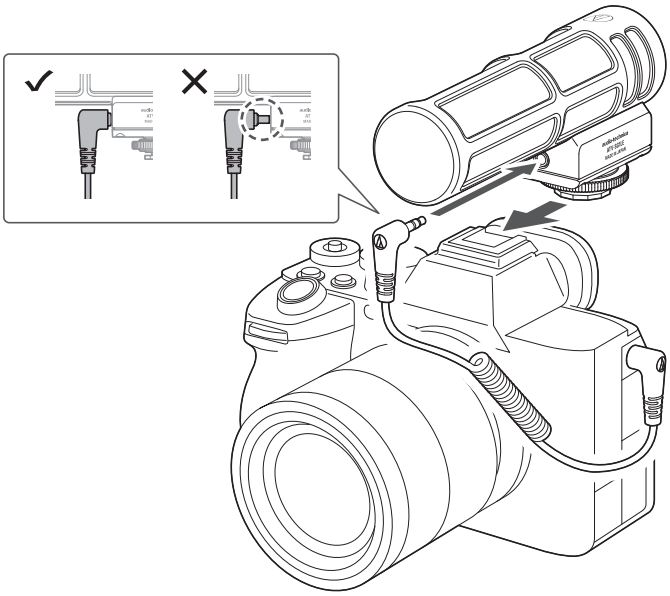
Attaching the wind muff

- To reduce wind noise when using the microphone outdoors, attach the included wind muff to the microphone body.
- The included wind muff is designed exclusively for ATV-SG1LE.

1 **Place the wind muff over the microphone body and attach it.**



Using the product



1 **Loosen the lock ring on the product, insert the shoe mount plate into the camera, and then turn the lock ring to secure it to the camera.**

2 **Connect the included coiled cable to the output terminal of the product and the microphone input terminal of the camera.**

- Make sure that the coiled cable is attached securely.

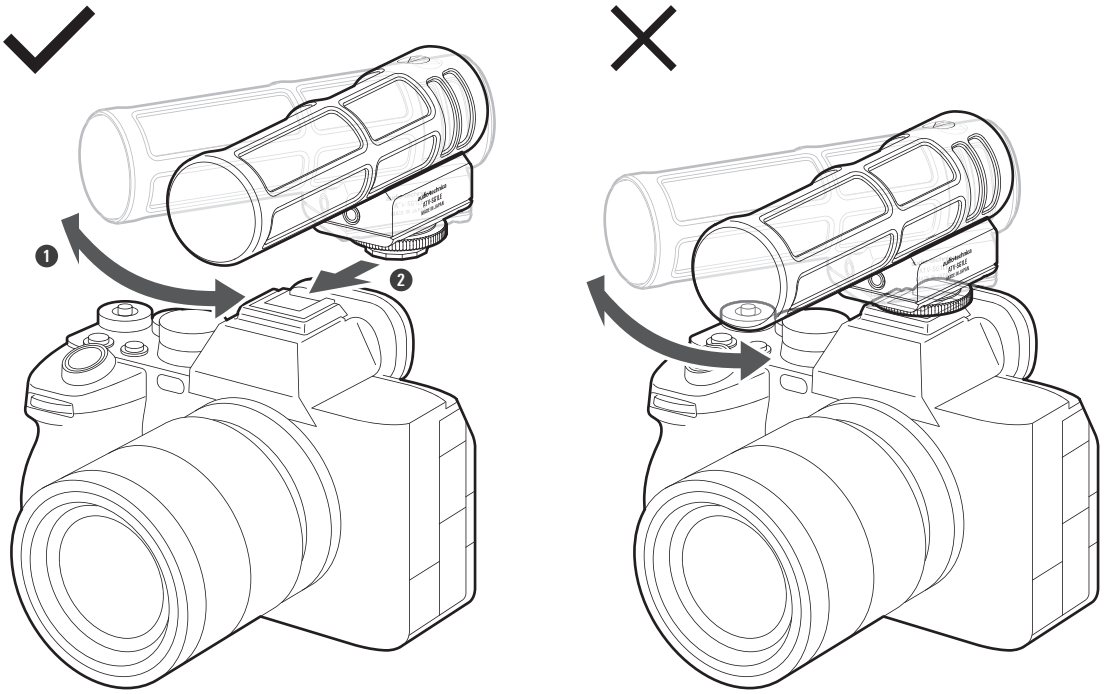
3 **Turn on the camera and start recording.**

- The product uses the plug-in power system, so it operates using the camera's power supply.

- The gain setting for the product is fixed. Check the camera's audio level meter and adjust the setting so that the sound doesn't distort.

To adjust the orientation of the product

This product's shoe mount plate has 12 positions and can be adjusted in 30-degree increments. To ensure optimal performance, position the microphone so that the sound source is directly in front of it.



- When reorienting the product, be sure to remove the shoe mount plate from the camera's accessory shoe, reorient it, and then reattach it.
- If you attempt to forcefully reorient the product while it is attached to the camera's accessory shoe, you may damage the product or the interior of the camera's accessory shoe. Adjust the orientation following the correct procedure.

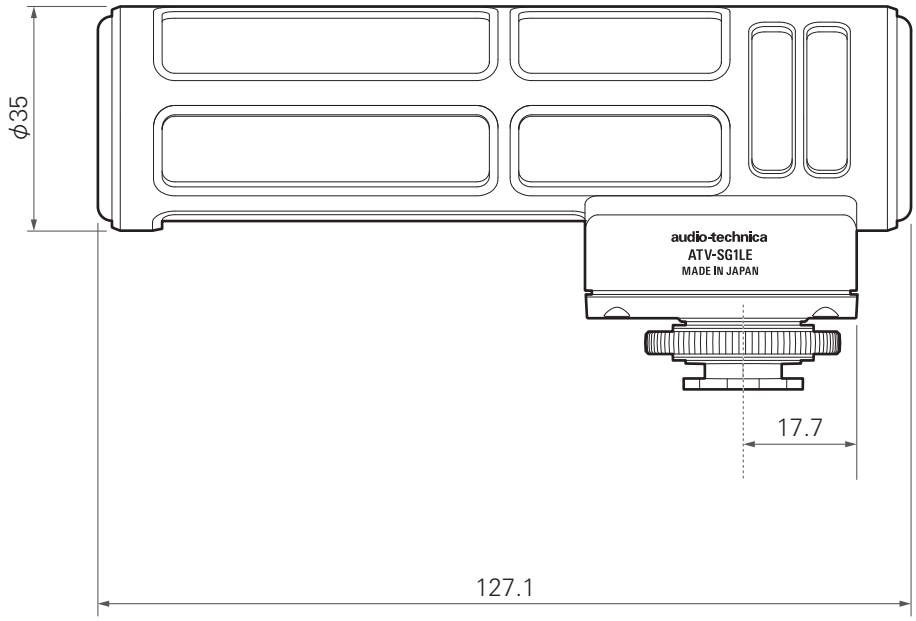
Cleaning

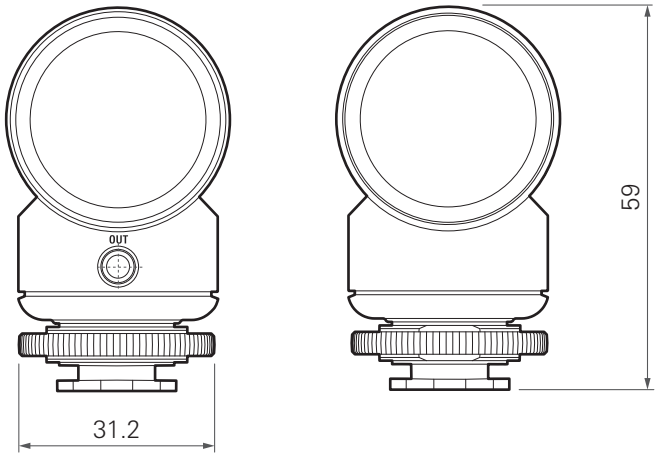
Get into the habit of regularly cleaning the product to ensure that it will last for a long time. Do not use alcohol, paint thinners, or other solvents for cleaning purposes.

- Use a dry cloth to clean the microphone body.
- If the cable becomes dirty because of sweat, etc., wipe it with a dry cloth immediately after use. Failure to clean the cable may cause it to deteriorate and harden over time, possibly resulting in malfunction.

- If the product will not be used for an extended period of time, store it in a well-ventilated place free from high temperatures and humidity.

Dimensions





(Unit: mm)

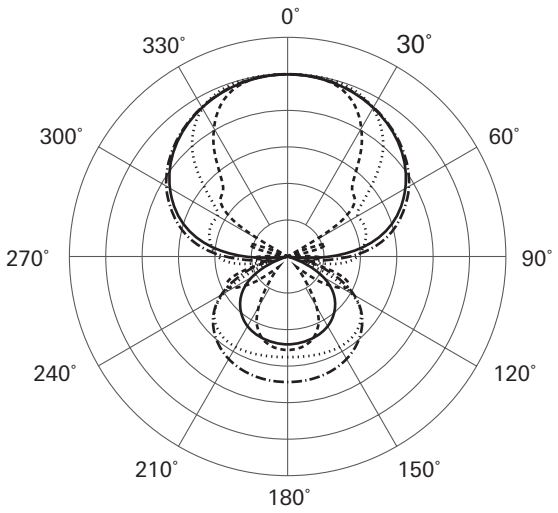
Specifications

Element	Fixed-charge back plate, permanently polarized condenser
Polar pattern	Line + gradient
Frequency response	20-20,000 Hz
Open circuit sensitivity	-38 dBV
Maximum input sound level	114 dB SPL (1 kHz, THD 3%)
Dynamic range	102.5 dB (1 kHz at Max SPL)
Signal-to-noise ratio	82.5 dB (1 kHz at 1 Pa, A-weighted)
Power supply	Plug-in power (1.5 V to 5.0 V)
Operating temperature range	0°C to 40°C (32°F to 104°F)
Storage temperature range	-10°C (14°F) to 60°C (140°F), 10% to 90% RH (without condensation)
Weight	About 100 g (3.5 oz)
Dimensions	127.1 mm (5.0”) long 35 mm (1.4”) maximum body diameter (microphone) 59 mm (2.3”) height
Output terminal	3.5 mm (1/8") stereo mini-jack
Included accessories	Coiled cable (approx. 5 cm (2.0”) (when extended: approx. 50 cm (20”)), 3.5 mm (1/8") stereo mini-plug × 2), Wind muff (exclusive for ATV-SG1LE)

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

Polar pattern/Frequency response

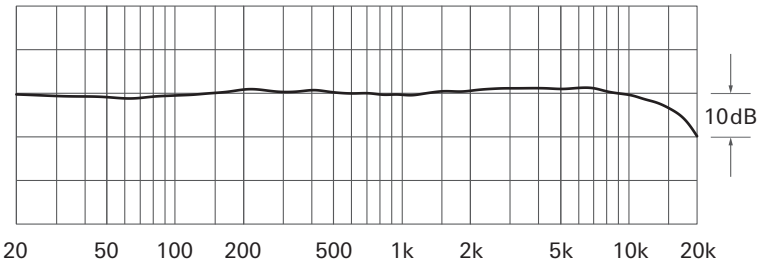
Polar pattern



LEGEND

200 Hz 1 kHz 5 kHz 8 kHz	SCALE IS 5 DECIBELS PER DIVISION

Frequency response



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———	0°, 50 cm

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