

## Compact, feature-rich on-camera shotgun mic for professional-quality productions



### Features

- Newly designed 14 mm large-diameter diaphragm delivers natural, high-resolution sound
- Highly directional 100 mm acoustic tube keeps pickup focused on the sound source while blocking unwanted background noise
- Integrated shock mount dissipates handling noise caused by camera movement and vibrations
- Low-cut filter switch reduces low-frequency noise from wind, traffic, HVAC systems, etc.
- Patented A-T noise-immunity technology provides excellent resistance to the hum/RF noise emitted by smartphones and other electronic devices
- Gain adjustment knob allows on-the-fly, stepless control of the gain level
- Safety track option allows you to split the audio signal (a set gain level to the L channel, a -6 dB reduced gain level to the R channel) to ensure a quality, clip-free recording even if there is an unexpected spike in the input level during the shoot
- External input jack and accessory shoe enable you to mount a wireless lavalier mic receiver or use a plug-in-powered wired lavalier mic for simultaneous recording with the shotgun and lav mics
- Headphone jack with volume adjustment enables real-time monitoring
- 12-sided shoe mounting plate allows the mic to be rotated in 30-degree increments for flexible, horizontal positioning and precise mic orientation
- Compact design makes the mic portable and easy to use
- Mount's slide rail allows you to move the mic forward and back for versatile positioning (to keep mic out of the camera shot, to allow use of other camera accessories, etc.)
- Built-in USB rechargeable battery provides approximately 24 hours of continuous operation
- Microphone powers on/off automatically with the camera
- Includes a wind muff for added protection against wind noise in outdoor environments
- Designed and manufactured in Japan

Built for professional videographers and content creators, the ATV-SG1 on-camera shotgun microphone delivers natural, high-resolution audio from a feature-rich, easy-to-use device. The compact mic, which adopts the solid-mesh style of Audio-Technica's classic 20 Series, is designed for use with DSLR, mirrorless SLR, and other cameras.

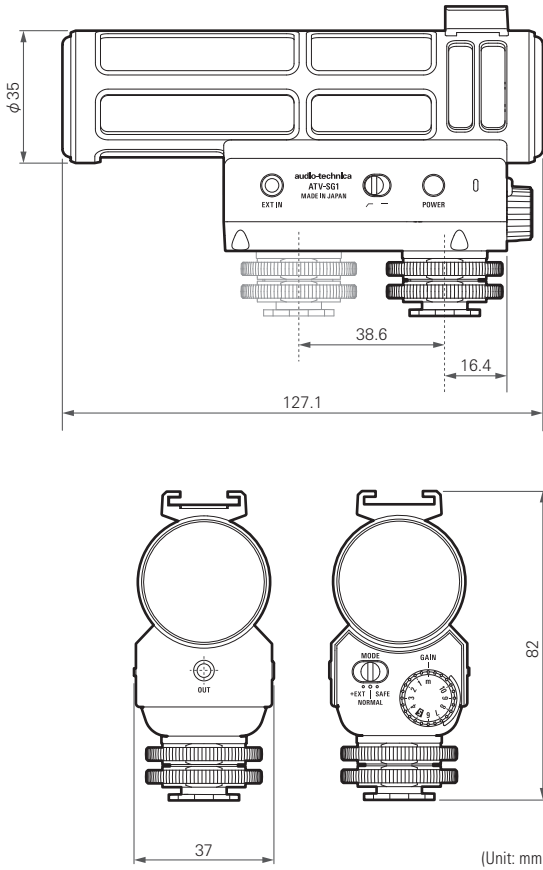
The ATV-SG1 boasts a highly directional 100 mm acoustic tube to keep pickup focused on the sound source while blocking unwanted background noise. Like the 20 Series mics, the ATV-SG1 provides professional-quality sound for lifelike reproduction of the human voice and other sources. Key to this natural, high-resolution sound capture is the mic's newly designed 14 mm large-diameter diaphragm, which exhibits high-sensitivity and low-noise characteristics for rich, detailed audio. In addition, the mic's integrated shock mount dissipates unwanted handling noise from camera movement and vibrations, while Audio-Technica's patented noise-immunity technology prevents the mic from picking up any annoying hum from nearby smartphones or other electronic devices.

The ATV-SG1 also offers a number of professional extras to give you greater control over the audio. These include a low-cut filter switch to attenuate noise from wind, traffic, HVAC systems, and other low-frequency sources, plus a convenient gain knob on the rear of the unit for stepless, on-the-fly gain adjustment. For added peace of mind, the safety track feature records your main audio level to the left channel and a backup track at -6 dB to the right channel. This helps ensure you still get a clean, usable recording even if unexpected volume spikes occur during your shoot. With its external input jack and accessory shoe, the ATV-SG1 enables you to mount a wireless lavalier mic receiver or a plug-in-powered wired lavalier mic so you can record simultaneously with the shotgun and lav mics. In addition, there's a headphone jack with volume adjustment knob to let you monitor the audio in real time.

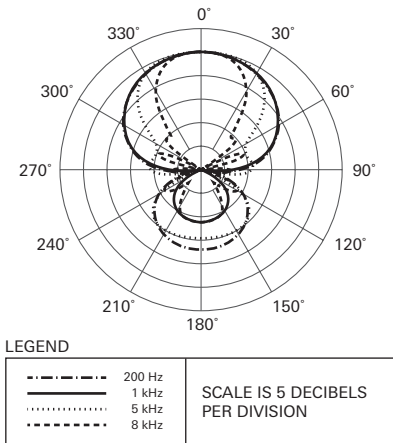
The ATV-SG1's built-in USB rechargeable battery provides up to 24 hours of continuous operation, and the mic comes with a wind muff for added protection against wind noise in outdoor and location recording environments.

The mic's 12-sided shoe mounting plate also allows it to be attached to the camera at 30-degree increments to enable the capture of off-center sound sources. And the mic can slide forward or back on the mount's rail for optimal positioning (to keep the mic out of the camera shot, to make room for other camera accessories, etc.).

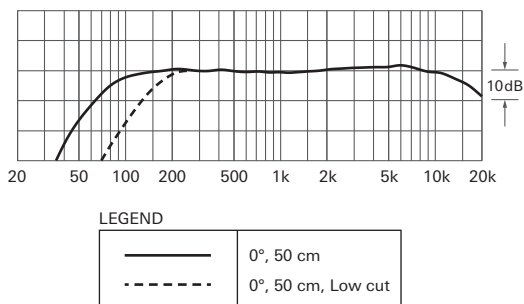
**Dimensions**



**Polar pattern**



**Frequency response**



**Specifications**

**Microphone**

Element	Fixed-charge back plate, permanently polarized condenser
Polar pattern	Line + gradient
Frequency response	60-20,000 Hz
Low cut	160 Hz, 24dB/octave
Open circuit sensitivity	-28 dBV (maximum gain) -35 dBV (gain setting: 5)
Gain range	37 dB (stepless)
Maximum input sound level	126 dB SPL (1 kHz, THD 3%) (maximum gain) 132dB SPL (1kHz THD 3%) (minimum gain)
Dynamic range	109 dB (1 kHz, THD 3%) (maximum gain)
Signal-to-noise ratio	77 dB (1 kHz at 1 Pa, A-weighted) (maximum gain)

**Main output**

Output terminal	3.5 mm (1/8") stereo mini-jack
-----------------	--------------------------------

**Headphone output**

Compatible headphone impedance	Minimum 16 ohms
Output level	100 mW (at 1kHz, 32 ohms load) 75 mW (at 1kHz, 16 ohms load)
Total harmonic distortion	< 1% (at 60 mW, 1 kHz, 32 ohms output)

**External input**

Input terminal	3.5 mm (1/8") stereo mini-jack (input audio is mixed to mono)
External power supply	Plug-in power (2.7 V)

**Other**

Power supply	DC 3.85 V lithium ion battery
Charging time	Approx. 2.5 hours
Operating time	Max. approx. 24 hours (when not using the headphone monitor)
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	Approx. 155 g (5.5 oz)
Dimensions	127.1 mm (5.0") long 35 mm (1.4") maximum body diameter (microphone) 82 mm (3.2") height

**Included accessories**

- Coiled cable (approx. 5 cm (2.0") (when extended: approx. 50 cm (20")), 3.5 mm (1/8") stereo mini plug × 2)
- USB charging cable (50 cm (20")), USB Type-A to USB Type-C)
- Wind muff (exclusive for ATV-SG1)



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