

REGISTER FOR YOUR 10 YEAR WARRANTY



Congratulations on your purchase of the Azden SGM-250 Professional Dual Powered Shotgun Microphone.

All Azden products come with a two (2) year limited warranty. The warranty for the SGM-250CX may be extended to ten (10) years.

To obtain your 10 year warranty, please register your microphone online at www.azden.com/warranty* within 90 days from the date of purchase.

**Azden's 10 year warranty is not available in all countries and not all Azden products are eligible. See www.azden.com for details*

Azden Two Year Limited Warranty

Azden Corporation warrants, to the first purchaser, that the Azden brand product purchased is free from defects in material and workmanship. Azden's sole obligation under this warranty shall be to provide, without charge, repair or replacement (at Azden's sole discretion), within two years from the date of purchase. A dated receipt is required to establish the date of purchase and no registration is necessary to receive warranty service under this two year limited warranty. The cost to ship a failed product to and from Azden or to its dealer shall not be covered by this warranty.

This warranty is the sole and exclusive express warranty given with respect to the product and all other warranties, expressed or implied, are hereby excluded. Neither Azden, nor the dealer who sells this product, is responsible for indirect, incidental or consequential damages.

This warranty does not extend to any defect, malfunction or failure caused by misuse, abuse, accident, act of God, faulty hookup, unauthorized modification, connecting this product to equipment for which this product is not intended or defective associated equipment.

Customers in the Asia and Oceania markets contact:

Azden Corp., 1-12-17 Kamirenjaku Mitaka-shi, Tokyo, 181-8533 Japan
Tel: +81-422-55-5115 (Japan) • Fax: +81-422-55-0131 (Japan)
www.azden.co.jp • email: sales@azden.co.jp

Customers in the North/South America and European markets contact:

Azden Corp., 200 Valley Road, Suite 101, Mt. Arlington, NJ 07856
Tel: +1-973-810-3070 • Fax: +1-973-810-3076
www.azden.com • email: sales@azden.com

⚠ CAUTION ⚠

Do not attempt to open the casing or make any modification to the internal electrical components. Electric shock or injury may result. Any unauthorized modification to this product will void all applicable warranties.

Do not store or operate this product near a heat source or in an environment of extreme temperatures. Avoid exposure to rain or any other source of moisture. Do not submerge in water. If exterior is exposed to water, wipe dry before use.

Remove batteries before storing this microphone for an extended period of time. Old alkaline batteries have the potential to leak and cause damage to the internal components of the microphone. Additionally, battery acid can be harmful if contact is made with the skin or eyes; if this happens, wash with water immediately. Use caution when handling discharged batteries.

Please take the time to read this manual carefully and keep it for your reference.

SGM-250

PROFESSIONAL DUAL POWERED SHOTGUN MICROPHONE

Owner's Manual

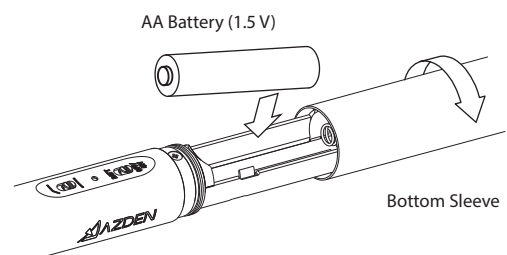


English

Product Highlights

- Newly developed electret condenser microphone element delivers the best sensitivity and lowest noise in its class
- Switchable, dual power source: AA battery (not included) or DC 48 V phantom power
- Custom designed acoustic tube with high precision phase canceling slots produces a flat frequency response with excellent directionality and wide dynamic range
- Switchable low-cut filter for attenuating low frequency noise
- Brass / aluminum alloy case for improved durability and resistance to ambient RF
- Gold plated, 3-pin XLR output connector for improved resistance to aging

The Azden SGM-250 can operate on either a single AA battery or standard 48 V phantom power. The user may select the desired power mode via the Power Switch.





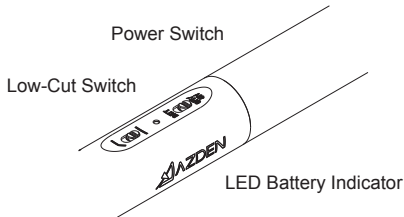
To install a battery, first unscrew the bottom metal sleeve by turning it counter-clockwise while holding the upper barrel of the microphone still. Pull the bottom sleeve down to uncover the battery compartment and stop when you feel resistance (the sleeve will remain attached). Insert a new AA battery, matching the polarity indicated on the battery compartment. Once the battery is installed, push the bottom sleeve back up and screw clockwise to tighten. Tightening should be smooth and easy. Do not force the sleeve as you tighten or you may damage the threads.

Power Switch

BATT ON: Turn the switch to this position when using battery power.
OFF / 48V: Turn the switch to this position when using phantom power and/or not using the microphone. (If the switch is left in the "BATT ON" position, it will keep drawing power from the battery.)

Low-Cut Switch

-  Flat position (low-cut filter off)
 -  Low-cut filter on
- * Do not operate the low-cut switch while recording as doing so may cause noise.



LED Battery Indicator

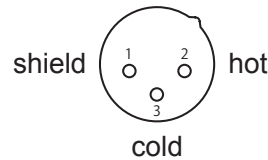
- When the power switch is turned to "BATT ON"
- LED comes on briefly and turns off: The battery has sufficient power.
 - LED comes on blinking: The battery has low power.
 - LED does not come on: Either there is no battery installed or the battery is dead.

Typical total battery life with the SGM-250 is 100 hours. When the LED blinks, the battery will have about 10 hours of use remaining, however, audio quality will soon start to diminish. It is recommended that you change the battery once you see a blinking LED.

Specifications

Freq. Response:	20 Hz – 20 kHz
Low-Cut Filter:	Selectable @160 Hz, 3 dB/Oct
Polar Pattern:	Super-cardioid
Sensitivity:	-38 dB at 1 kHz (0 dB = 1 V/Pa)
Dynamic Range:	115 dB
Impedance:	120 Ω (at 1 kHz)
Max Input SPL:	132 dB SPL (1 kHz at 1% T.H.D.)
S/N Ratio:	77 dB (1 kHz at 1 Pa)
Power Requirement:	DC 11-50 V Phantom / AA battery
Output:	3-pin XLR
Dimensions:	250 mm x 21 mm (9.84" x 0.83") (Length x Diameter)
Weight:	160 g (5.65 oz)
Accessories:	Shock mount holder, windscreen & carrying pouch

XLR pin assignments



Included Accessories



Shock absorbing camera-mount mic clip (SMH-X)

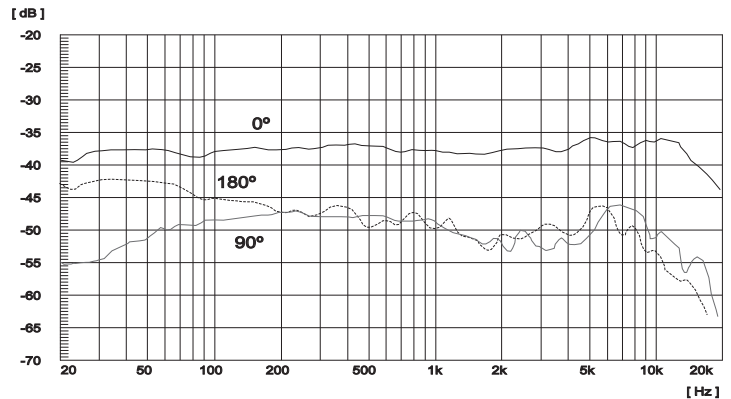


High quality foam windscreen



Leatherette zippered carrying pouch

Frequency Response



Polar Pattern

