

## TWO-YEAR 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 option), within two years from the date of purchase. A dated receipt acts to establish the date of purchase.

This warranty is the sole and exclusive express warranty given with respect to the product and all other express warranties are hereby excluded. Neither AZDEN, nor the dealer who sells this product, is responsible for indirect, incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

This warranty does not extend to any defect, malfunction or failure caused by misuse, abuse, accident, faulty hookup, unauthorized modification or defective associated equipment for which it is not intended. **Please read your owner's manual carefully.**

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

To register this product, go to [www.azden.com/warranty](http://www.azden.com/warranty) "for North/South America and EU customers.

Asia/Oceania customers contact with Azden distributors listed on [www.azden.co.jp/global.html](http://www.azden.co.jp/global.html)

Customers in the Asian and Oceania markets contact:  
Azden Corp., 1-12-17 Kamirenjaku Mitaka-shi, Tokyo, 181-8533 Japan  
voice - 81-1-422-55-5115(Japan) • fax - 81-1-422-55-0131(Japan)  
email - [sales@azden.co.jp](mailto: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  
voice - 973-810-3070 • fax - 973-810-3076 • email - [azdenus@azden.com](mailto:azdenus@azden.com)



## SGM-2X

### INSTRUCTIONS



## DUAL-BARREL PROFESSIONAL SHOTGUN MICROPHONE

Thank you for purchasing the Azden SGM-2X microphone. Designed for Video and Audio Professionals, the SGM-2X comes with 2 barrels that effectively change the pick-up pattern of the microphone. With the short barrel the SGM-2X works as a sensitive omni-directional microphone. By attaching the supplied long barrel the SGM-2X becomes a directional super-cardioid shotgun microphone. In either configuration the SGM-2X exhibits a wide frequency response and low noise levels.

**BATTERY:**

The SGM-2X is powered by 1 “AAA” battery (not included). Unscrew the lower half of the short barrel case just below the “Power” switch by turning it counter-clockwise. Install 1 fresh “AAA” Alkaline battery, making sure to check polarity, and close the case by turning it clockwise. DO NOT OVER-TIGHTEN or you may strip the threads.

**MICROPHONE BARRELS:**

Two microphone barrels and windscreens are supplied with the SGM-2X. The SHORT barrel has a wide omni-directional pick-up pattern. By attaching the LONG barrel to the SHORT barrel the microphone has a super-cardioid pick-up pattern. This narrow or directional pattern rejects side and back noise and lets you focus in on your subject. In either configuration use the appropriate windscreen for best results.

**NOTE:**

A CAPSULE COVER is attached to the SHORT barrel before shipping. This CAPSULE COVER should be attached to the SHORT barrel when using the SGM-2X as an omni-directional microphone. To use the SGM-2X as a shotgun microphone, first remove the CAPSULE COVER from the SHORT barrel by turning it counter-clockwise until it comes off, then attach the LONG barrel to the SHORT barrel turning it clockwise until tight. DO NOT OVER-TIGHTEN.

**SHOCK-MOUNT HOLDER:**

The SGM-2X is supplied with a shock-mount holder. This holder can be used on a camera shoe or on a microphone stand. Push the SHORT barrel through the center of the elastic bands until it is positioned as shown. To secure the holder to a camera shoe, slide the holder into the camera shoe and tighten the thumbwheel by turning it clockwise. To secure the holder to a microphone stand, screw the holder to the stand by turning it clockwise until it is tight.

NOTE: Two holes are drilled into the bottom of the holder for different diameter microphone stand threads, choose the one that matches your mic stand.

**POWER SWITCH:**

The SGM-2X has a 3-position power switch.

OFF: Switch the microphone to OFF when not in use to conserve battery life.

ON: Switch the microphone to ON for normal operation.

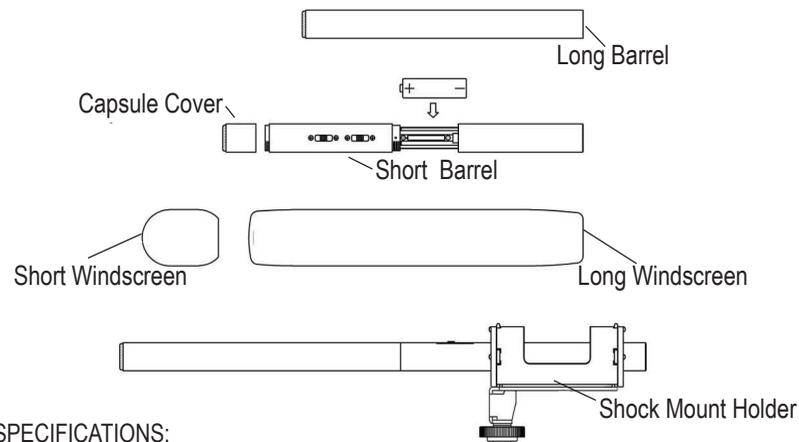
—: Switch to the LOW CUT position to reduce low frequencies and increase clarity.

**MIC OUTPUT:**

The SGM-2X has a balanced XLR output and will work in any low impedance microphone input of 1K ohm or less. This includes balanced XLR or unbalanced ¼" and 3.5mm microphone inputs. Due to the wide variety of possible connections and equipment used with the SGM-2X, an output cable is not supplied.

**WIRELESS OPTIONS:**

You can turn the SGM-2X into a wireless microphone by purchasing one of Azden’s unique XLR plug-in transmitters and matching receiver. For more details contact your Azden dealer or one of the dealers linked at our website: [www.azdencorp.com](http://www.azdencorp.com)



**SPECIFICATIONS:**

FREQUENCY RESPONSE	40-20,000Hz
LOW-CUT ROLL-OFF	6dB/Octave @ 200Hz
SENSITIVITY	SUPER CARDIOID -33dB re 1V/Pa OMNI-DIRECTIONAL -39dB re 1V/Pa
IMPEDANCE	1.5k Ohms @ 1kHz
MAX. SPL INPUT LEVEL	110dB
SIGNAL TO NOISE RATIO	70dB
DYNAMIC RANGE	85dB
BATTERY TYPE	AAA (1.5V) - USE ALKALINE BATTERY
BATTERY CURRENT	0.2 mA
BATTERY LIFE	1000 HOURS w/ALKALINE BATTERY
WEIGHT w/o BATTERY	LONG + SHORT BARREL 6.5oz (185grams) SHORT BARREL 3.9oz (110grams)
DIMENSIONS	LONG + SHORT BARREL ..... 16" (400mm) length ..... 0.83" (21mm) diameter SHORT BARREL ..... 8.4" (212.5mm) length ..... 0.83" (21mm) diameter
OUTPUT TYPE	3-Pin XLR type
SUPPLIED ACCESSORIES	SHOCK MOUNT MIC HOLDER 2 WINDSCREENS

