

TWO YEAR WARRANTY

All Azden products are covered by a limited warranty for two (2) years from the date of original purchase by the end user. Registration is not required for this warranty. The terms and conditions of this Two Year Limited Warranty are as follows.

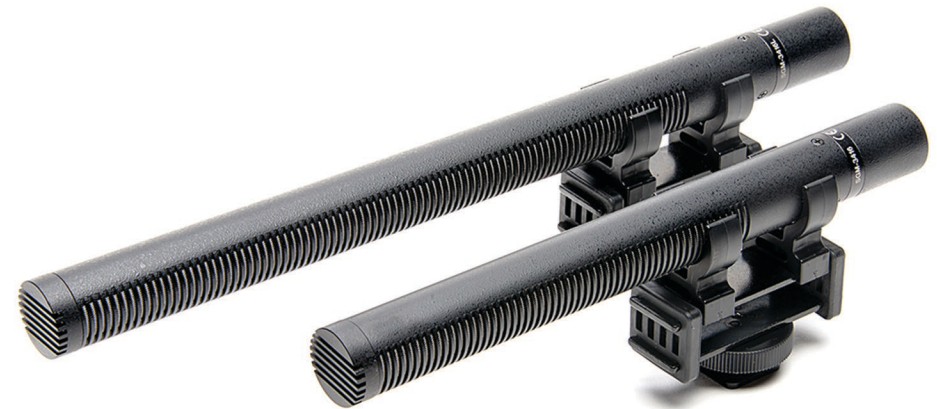
1. Azden Corporation warrants, to the first purchaser, that the Azden brand product purchased is free from defects in material and workmanship. Azden's sole obligation under this warranty shall be to provide, without charge, repair or replacement of a product (at Azden's sole discretion), within two years from the date of purchase.
2. Registration is not required in order to qualify a product for this two year limited warranty. A dated receipt acts to establish the date of purchase. However, for many Azden products, the purchaser will have the option of registering their product on Azden's website if they so choose. In this case, a product registration will not change the terms of this two (2) year limited warranty or extend the time period for which it covers unless it is expressly stated on Azden's official websites, advertisements, product documents or packaging that doing so will qualify the product for coverage under different warranty terms.
3. Any attempts made by a user to falsify information or documents required for the warranty registration or warranty claims process will then make all previously applicable warranties null and void.
4. In order to receive warranty service in cases of both repair and replacement, the product must be delivered with a copy of the original purchase receipt to Azden or to the authorized Azden dealer from which the original purchase was made.
5. In all circumstances, a claimant under this warranty will be liable for all costs in delivering their Azden product to Azden or an authorized Azden dealer and for all costs in collecting the replacement or repaired product.
6. Any repair or replacement of an Azden product pursuant to this warranty does not extend the warranty, and the original term of the warranty will remain. However, all repairs or replacement issued by Azden under this warranty are guaranteed for 30 days after customer receipt.
7. 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.
8. This warranty does not extend to any defect, malfunction or failure caused by misuse, abuse, accident, act of God, faulty hookup, unauthorized modification, connecting a product to equipment for which it is not intended or defective associated equipment.

For more information about Azden's warranty or to register this product, go to www.azden.com/warranty.



SGM-3416/3416L

BROADCAST SPEC SHOTGUN MICROPHONE



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OPERATING MANUAL

Thank you for purchasing the Azden SGM-3416/3416L Broadcast Spec Shotgun Microphone. Designed for video and audio professionals, the SGM-3416/3416L is a super-cardioid electret condenser microphone with a wide frequency response and ultra-low noise levels. Each SGM-3416/3416L is tested before leaving the factory and accompanied by its own frequency response chart.

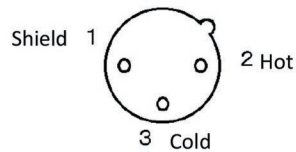
POWER

The SGM-3416/3416L is powered by external phantom power. To power the microphone, connect it using a standard XLR cable (not included) to a microphone pre-amp that provides a phantom power between 11 and 52 VDC.

MIC OUTPUT

The SGM-3416/3416L has a balanced 3-pin XLR output and will work in any microphone input with an impedance of 1K ohm or less. Due to the wide variety of possible connections and equipment used with the SGM-3416/3416L, an output cable is not supplied.

Balanced 3-pin XLR output



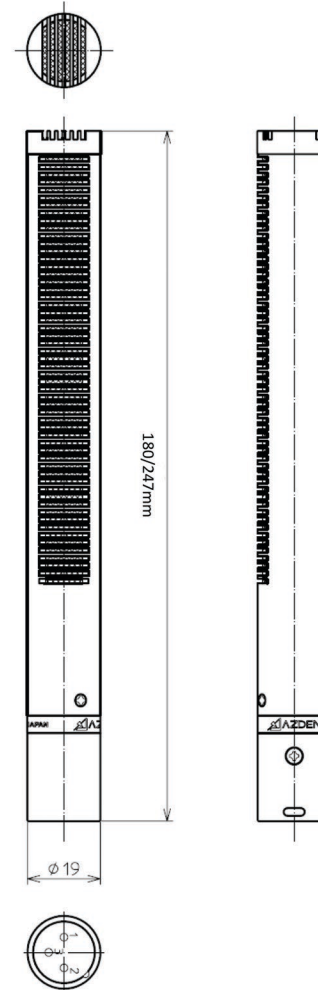
WIRELESS OPTION

The SGM-3416/3416L can be turned 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 visit our website at www.azden.com.

SHOCK-MOUNT HOLDER

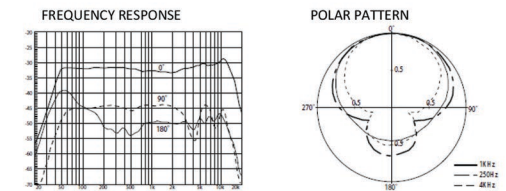
The SGM-3416/3416L is supplied with a shock-mount holder and a replacement bottom plate for boom pole/tripod mounting. Push the barrel into the clips until it is secured. To secure the holder to a camera shoe, slide the holder into the camera shoe and tighten the thumb wheel by turning it clockwise until it is tight. To mount the SGM-3416/3416L onto a boom pole or tripod, replace the bottom plate of the shock-mount holder with the supplied bottom plate with a 3/8" threaded hole and screw the holder to a boom pole/tripod by turning it clockwise.

SPECIFICATIONS



SGM-3416

Mic Element:	Electret Condenser
Freq. Response:	30 - 20,000Hz
Directional Pattern:	Super-Cardioid
Sensitivity:	-33dB @ 1kHz Re: 1v/PA
Impedance:	130 Ohms (at 1kHz)
Max SPL Input:	130dB (1kHz @1% T.H.D.)
S/N Ratio:	82dB
Dynamic Range:	98dB
Power:	Phantom 11-52 VDC
Current:	2.5mA
Weight:	140g (5.0oz)
Dimensions:	Ø 19mm x 180mm (Ø 0.75" x 7.08")
Connector:	3-Pin XLR



SGM-3416L

Mic Element:	Electret Condenser
Freq. Response:	30 - 20,000Hz
Directional Pattern:	Super-Cardioid
Sensitivity:	-33dB @ 1kHz Re: 1v/PA
Impedance:	130 Ohms (at 1kHz)
Max SPL Input:	130dB (1kHz @1% T.H.D.)
S/N Ratio:	82dB
Dynamic Range:	98dB
Power:	Phantom 11-52 VDC
Current:	2.5mA
Weight:	170g (6.0oz)
Dimensions:	Ø 19mm x 247mm (Ø 0.75" x 9.72")
Connector:	3-Pin XLR

