



# **SGM-3416/3416L**

## **BROADCAST-SPEC SHOTGUN MICROPHONE**



***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-directional 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.

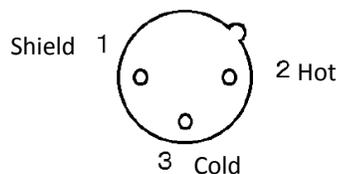
## **POWER**

The SGM-3416/3416L is powered by external Phantom Power. To power the unit, connect an XLR cable (not included) to the microphone with a voltage source that supplies between 11 and 52 VDC.

## **MIC OUTPUT**

The SGM-3416/3416L has a balanced 3-pin XLR output and will work in any impedance microphone input 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.azdencorp.com](http://www.azdencorp.com)

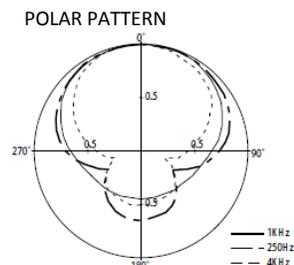
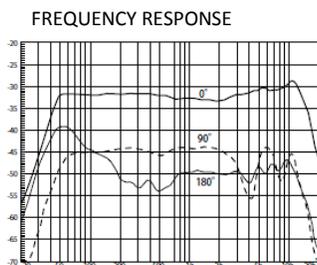
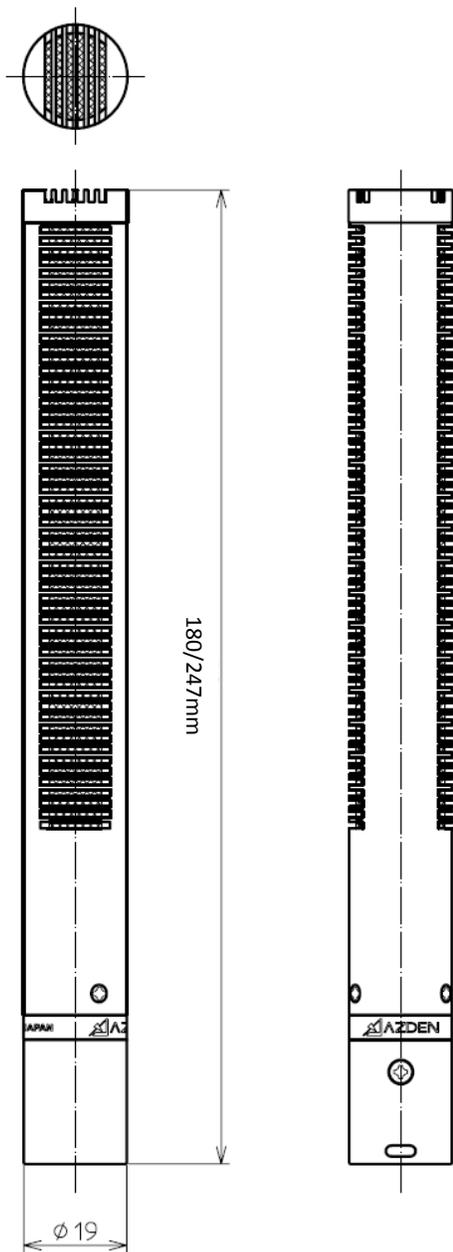
## **SHOCK-MOUNT HOLDER**

The SGM-3416/3416L is supplied with a shock-mount holder and a replacement bottom plate for boom pole/tripod. 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

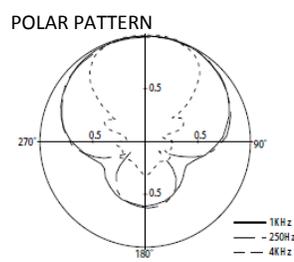
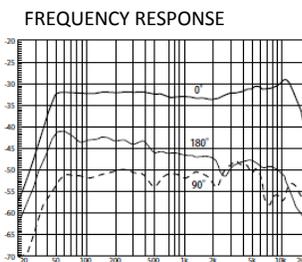
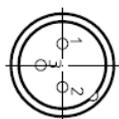
### SGM-3416

Type:	Electret condenser
Frequency response:	40—20,000Hz
Sensitivity:	Uni-directional, -33dB at 1kHz (0dB=1V/Pa)
Impedance:	120Ω at 1kHz
Max SPL input level:	115dB SPL (1kHz at 1% T.H.D)
Signal to noise ratio:	78dB (1kHz at 1Pa)
Power source:	Phantom DC 11-52V
Weight:	125g (4.4oz)
Dimensions:	φ19mm x 180mm (φ3/4" x 7")
Connector:	Balanced 3-pin XLR



### SGM-3416L

Type:	Electret condenser
Frequency response:	40—20,000Hz
Sensitivity:	Uni-directional, -33dB at 1kHz (0dB=1V/Pa)
Impedance:	120Ω at 1kHz
Max SPL input level:	115dB SPL (1kHz at 1% T.H.D)
Signal to noise ratio:	78dB (1kHz at 1Pa)
Power source:	Phantom DC 11-52V
Weight:	160g (5.64oz)
Dimensions:	φ19mm x 247mm (φ3/4" x 9 3/4")
Connector:	Balanced 3-pin XLR



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## 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 sole discretion), within two years from the date of purchase. The cost to ship a failed product to and from Azden or to its dealer shall not be covered by this warranty. 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 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. **Please read your owner's manual carefully.**

To register this product, please visit [www.azden.com/warranty](http://www.azden.com/warranty)

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