

# *The New Standard in Sound*

## SGM-3500 & SGM-3500L

### Broadcast Spec Shotgun Microphones



**A**dhering to Azden's highest engineering and performance standards, the all-new 3500 series shotgun microphones are handcrafted in Japan to meet the stringent demands of video and broadcast professionals.

The SGM-3500 is a 7" long shotgun microphone with a supercardioid pickup pattern for excellent side noise rejection. The relatively shorter length of the 3500 makes it a practical choice for on-camera mounting with cinema and broadcast cameras, while still being perfectly well suited for boom-pole work.

The SGM-3500L is a 10" long shotgun microphone with a hypercardioid pickup pattern for maximum side noise rejection. The microphone's long acoustic interference tube creates a more focused directional pickup that

performs well in noisy environments.

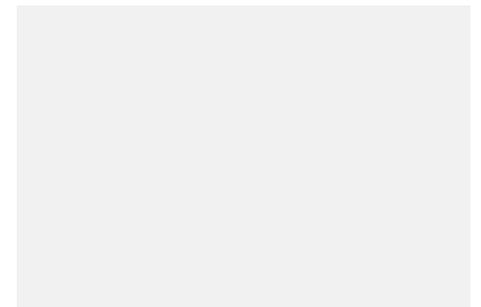
At the core of both microphones' high performance is Azden's newly developed high-sensitivity microphone element, capable of capturing rich detail. The 3500 series microphone boasts an ultra-low noise floor of 12 dB, for crystal clear audio. The wide frequency response is especially tuned for optimal speech capture, with a small emphasis in the area of 5 kHz - 10 kHz where speech articulation is most present.

The all metal brass body ensures durability and provides excellent rejection of external RF sources. A gold-plated XLR connector prevents corrosion and ensures good connectivity.

The SGM-3500 and SGM-3500L are backed by Azden's longest warranty term of 10 years (with online registration) unmatched by other

brands of microphones in its performance class.

Included with the SGM-3500 microphone is an articulating mic clip with 5/8" and 3/8" thread adapters, a high-density foam windscreen and a deluxe hardshell case. Each microphone is also tested before leaving the factory and is accompanied by its own frequency response chart.



**AZDEN®**  
*Handcrafted in Japan*

# SGM-3500 & SGM-3500L

SGM-3500L



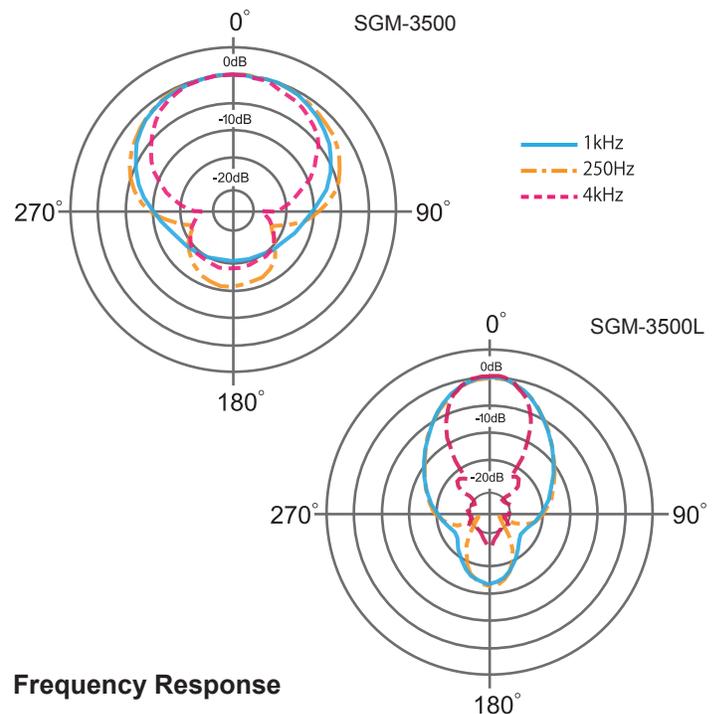
## FEATURES

- ▶ SGM-3500: supercardioid polar pattern offers directional sound pickup with side noise rejection, achieved with short length interference tube for increased mobility
- ▶ SGM-3500L: longer interference tube creates hypercardioid polar pattern for more extreme directional sound pickup and side noise rejection, better isolation and distance performance
- ▶ Condenser microphone element utilizes Azden's latest in engineering techniques to achieve the highest possible performance
- ▶ Wide dynamic range and frequency response
- ▶ Boosted response in high frequencies for speech articulation
- ▶ Extremely low self-noise levels for crystal clear audio
- ▶ All metal, brass body provides optimal RF rejection and durability
- ▶ Gold-plated XLR connector for optimal connection and resistance to corrosion
- ▶ Comes with hard shell plastic case with custom foam, mic clip and foam windscreen

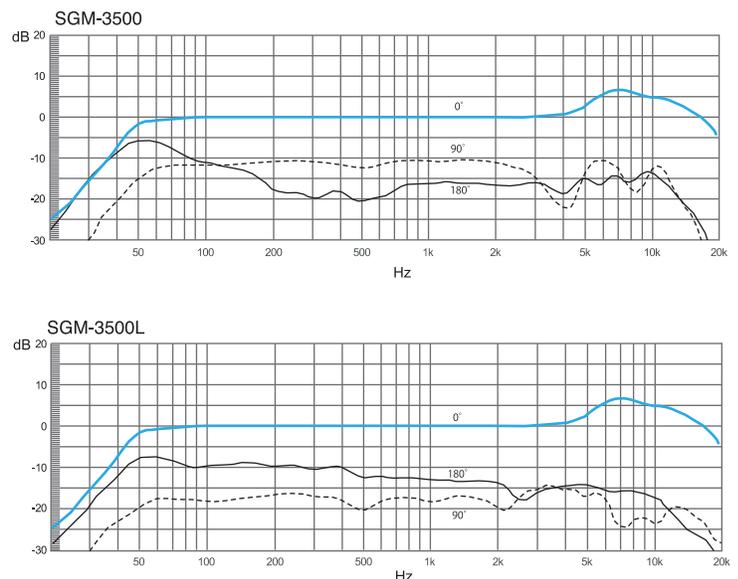
## Specifications

Mic Element:	Condenser
Freq. Response:	40 Hz – 20 kHz
Polar Pattern:	3500: Supercardioid 3500L: Hypercardioid
Sensitivity:	3500: -31 dB 3500L: -28 dB at 1 kHz (0 dB = 1 V/Pa)
Dynamic Range:	118 dB
Impedance:	120 Ω (at 1 kHz)
Max Input SPL:	130 dB SPL (1 kHz at 1% T.H.D.)
S/N Ratio:	82 dB (1 kHz at 1 Pa)
Power Requirement:	48 V DC Phantom (±4 V)
Connector:	3-pin XLR
Dimensions:	3500: 180 mm x φ19 mm (7.08" x φ0.75") 3500L: 247 mm x φ19 mm (9.72" x φ0.75")
Weight:	3500: 140 g (5.0 oz) 3500L: 170 g (6.0 oz)
Accessories:	hard shell case, mic clip, windscreen

## Polar Pattern



## Frequency Response



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