

The New Standard in Sound

SGM-3500 & SGM-3500L

Broadcast Spec Shotgun Microphones



Adhering to Azden's highest engineering and performance standards, the 3500 series shotgun microphones are handcrafted in Japan to meet the stringent demands of video and broadcast professionals.

SGM-3500 is a 7" (18cm) 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 suitable for boom-pole work.

The SGM-3500L is a 10" (25cm) 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.

3500 series microphones boast 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 slight emphasis in the area of 5 kHz - 10 kHz where speech articulation is most present.

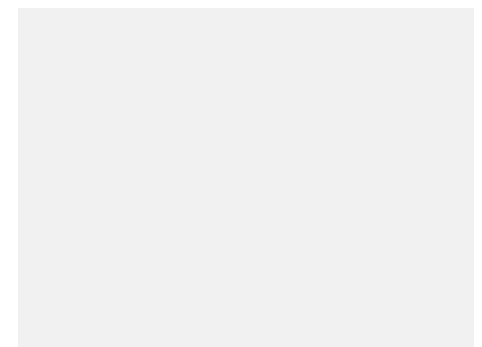
The all metal brass body ensures durability and provides excellent rejection of external RF sources.

A gold-plated XLR connector prevents corrosion and ensures good connectivity.

The SGM-3500 and SGM-3500L are backed by Azden's 10 years warranty (with online registration).

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 individually tested before leaving the factory and is accompanied by its own frequency response chart.



AZDEN®
Handcrafted in Japan

SGM-3500 & SGM-3500L

SGM-3500L



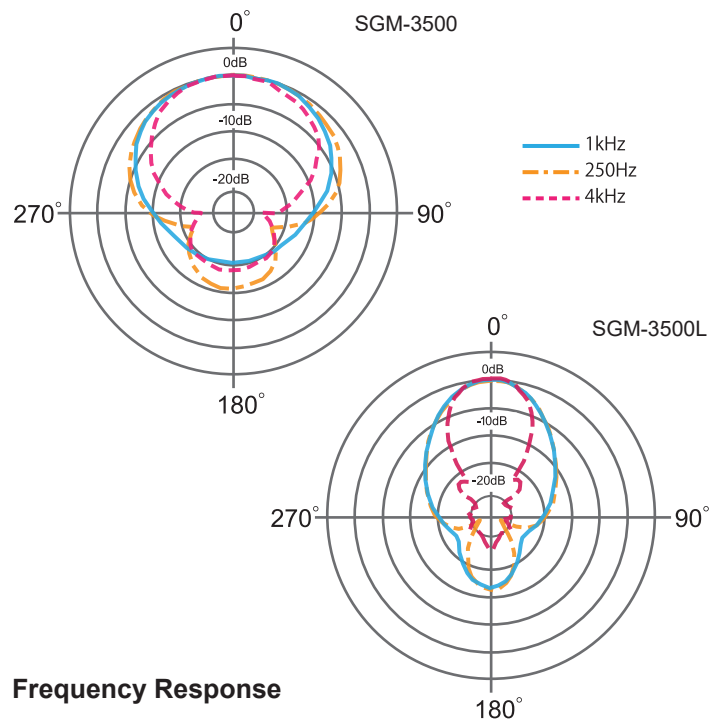
FEATURES

- ▶ 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
- ▶ 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

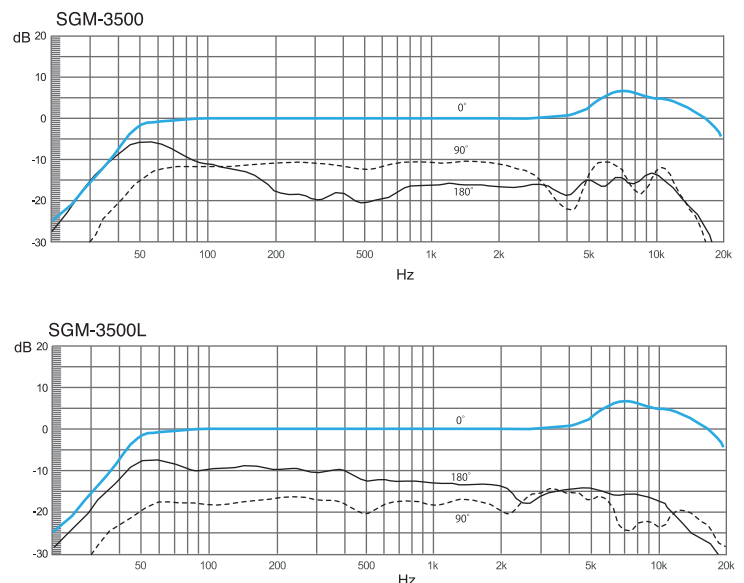
Specifications

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



AZDEN CORPORATION

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