

A Perfect Match

for the Blackmagic Pocket Cinema Camera 4K and 6K



INTRODUCING

SGM-250MX Professional Compact Cine Mic

The SGM-250MX is a short length, condenser shotgun microphone that is ideal for mounting on compact digital cinema cameras. Measuring a mere 6 inches in length, the SGM-250MX can easily stay out of the way. Integrated in the microphone's design is a hardwired, 13-inch cable with a Mini XLR connector, specially made for cinema cameras that use the smaller Mini XLR input, such as the Blackmagic Pocket Cinema Camera 4K and 6K. The microphone's highly sensitive, condenser element is powered by standard 48 V phantom power, which most XLR (Mini included) microphone inputs can provide.

The SGM-250MX includes Azden's SMH-X shock mount which mounts to standard size camera shoe slots, as well as ¼"-20 threaded mounts and tripods. Also included are diameter expander sheets for universal compatibility with ring-clamp style microphone mounts.

Legendary Natural Sound

The SGM-250 microphone series has become notable in the industry for its natural, professional sound. Specifically tuned to preserve the natural qualities of a speaking subject. While other manufacturers hype-up the bass response on their microphones, making the audio sound muddy, or over-accentuate high mids, making dialogue tracks sound harsh, you can expect the SGM-250MX to accurately record the sound of your scene.

Not Just A Reference Microphone

You can rely on the SGM-250MX for great reference audio, but it's capable of more than that. Its low noise, and wide frequency response performance means it can capture audio good enough for the final cut. Whether you run and gun, mount to a pistol grip or a boom pole, the SGM-250MX can be your go-to mic for great dialogue capture.



AZDEN®
Handcrafted in Japan

SGM-250MX Professional Compact Cine Mic



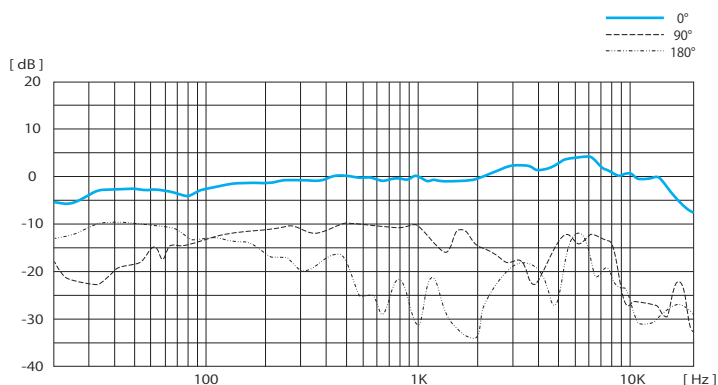
Product Highlights

- Newly developed electret condenser microphone element delivers the best sensitivity and lowest noise in its class
- Short length works great for mounting on compact cinema cameras
- Powered by standard 48 V DC phantom power
- Custom designed acoustic tube with high precision phase canceling slots produces a flat frequency response with excellent directionality and wide dynamic range
- Brass/aluminum alloy case for improved durability and resistance to ambient RF
- 3-pin Mini XLR output connector with 33 cm wire extension
- 10-year warranty with online registration

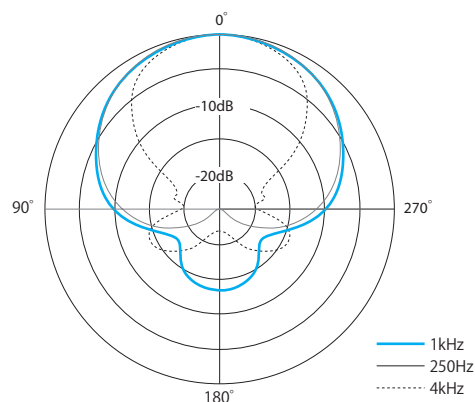
Specifications

Freq. Response:	20 Hz – 20 kHz
Polar Pattern:	Supercardioid
Sensitivity:	-33 dB at 1 kHz (0 dB = 1 V/Pa)
Dynamic Range:	112 dB
Impedance:	100 Ω (at 1 kHz)
Max Input SPL:	130 dB SPL (1 kHz at 1% T.H.D.)
S/N Ratio:	76 dB (1 kHz at 1 Pa)
Power Requirement:	DC 11-50 V Phantom
Output:	3-pin Mini XLR
Dimensions:	153 mm x ϕ 21 mm (6.02" x ϕ 0.83") (Length x Diameter)
Cable:	ϕ 5 mm x 330 mm
Weight:	85 g (2.99 oz)
Accessories:	Shock mount holder, windscreen, carrying pouch, rubber sheets

Frequency Response



Polar Pattern



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