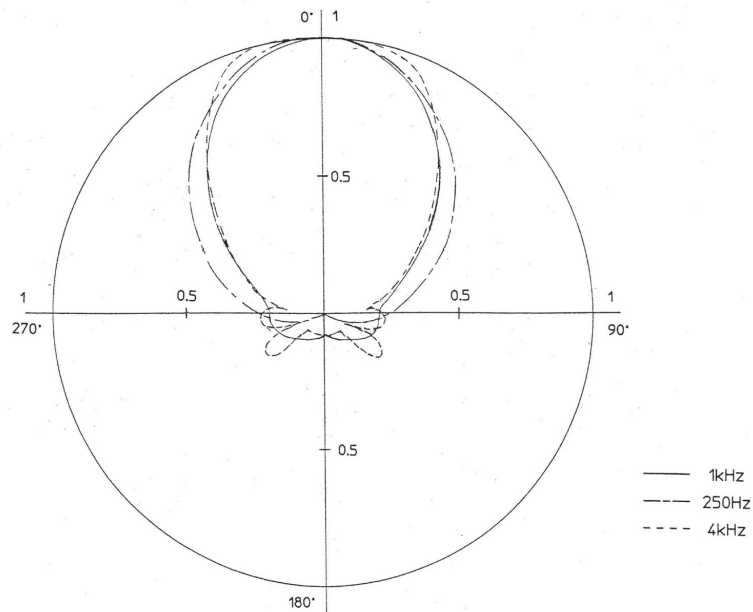


Super-Cardioid Polar Pattern



Azden Corporation
147 New Hyde Park Road
P.O. Box 10
Franklin Square, NY 11010
vox 516.328.7500 • fax 516.328.7506
AzdenUS@azdencorp.com • www.azdencorp.com



SGM-1000

INSTRUCTIONS



PROFESSIONAL PHANTOM-POWERED SHOTGUN MICROPHONE

Thank you for purchasing the Azden SGM-1000 phantom powered shotgun microphone. Designed for Video and Audio Professionals, the SGM-1000 is a directional super-cardioid shotgun microphone with a wide frequency response and low noise levels.

POWER:

The SGM-1000 can be powered by a "AAA" battery (not included) or by Phantom Power. To power the unit by battery, unscrew the bottom third of the barrel by turning it counter-clockwise. Install 1 new "AAA" Alkaline battery, making sure to check polarity, and close the case by turning it clockwise. **DO NOT OVERTIGHTEN** or you may strip the threads. To power the unit by Phantom Power, connect an XLR cable to the microphone with a voltage source that supplies between 11 and 52 VDC.

BATTERY/PHANTOM POWER SWITCH:

Switch the microphone to BATTERY to power the microphone by the internal battery. Switch the microphone to PHANTOM to power the microphone from an external voltage source.

NOTE: When not in use, switch the microphone to PHANTOM to preserve the battery.

LOW CUT FILTER ON/OFF SWITCH:

Switch to — for normal (flat) frequency response.

Switch to — for reduced low (bass) frequencies and increased clarity.

SHOCK-MOUNT HOLDER:

The SGM-1000 is supplied with a shock-mount holder. This holder can be used on a camera shoe or on a tripod. Push the barrel through the center of the elastic bands until it is positioned as shown. To secure the holder to a camera shoe, slide the holder into the camera shoe and tighten the thumb-wheel by turning it clockwise. To secure the holder to a tripod, screw the holder to the tripod by turning it clockwise until it is tight.

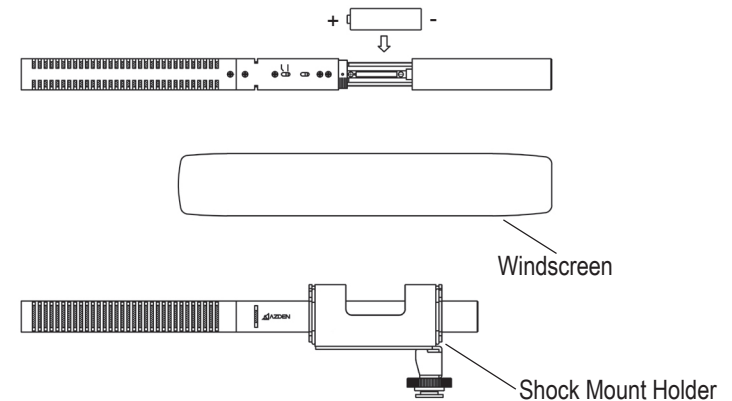
NOTE: Two holes are drilled into the bottom of the holder for different diameter threads, choose the one that matches your equipment.

MIC OUTPUT:

The SGM-1000 has a balanced XLR output and will work in any low impedance microphone input of 1K ohm or less. This includes balanced XLR or unbalanced 1/4" and 3.5mm microphone inputs. Due to the wide variety of possible connections and equipment used with the SGM-1000, an output cable is not supplied.

WIRELESS OPTIONS:

You can turn the SGM-1000 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 one of the dealers linked at our website: www.azdencorp.com



SPECIFICATIONS:

FREQUENCY RESPONSE	80-20,000Hz
LOW-CUT ROLL-OFF	6dB/Octave @ 200Hz
SENSITIVITY	SUPER CARDIOID -33dB re 1V/Pa
IMPEDANCE	1.5k Ohms @ 1KHz
MAX. SPL INPUT LEVEL	120dB
SIGNAL TO NOISE RATIO	70dB
DYNAMIC RANGE	96dB
BATTERY TYPE	AAA (1.5V) - USE ALKALINE BATTERY
BATTERY CURRENT	0.2 mA
BATTERY LIFE	1000 HOURS w/ALKALINE BATTERY
WEIGHT w/o BATTERY	4.94oz (140grams)
DIMENSIONS	12.2" (310mm) length 0.83" (21mm) diameter
OUTPUT TYPE	3-Pin XLR type
SUPPLIED ACCESSORIES	SHOCK MOUNT MIC HOLDER 1 WINDSCREEN 1 CARRY-POUCH