

GS1

WALL / CEILING MOUNT MICROPHONE

OVERVIEW

The GS1 is an innovative flush-mount wall microphone that can also be used as a ceiling microphone when drop ceiling tiles are not available. Designed for distance miking, the GS1 features include a fully integrated preamp, an extremely high sensitivity rating of 38 millivolts, and complete immunity from RF interference caused by cell phones and GSM devices.

The GS1 capsule is housed within a patented cradle that enables the microphone to be aimed up to an angle of 45 degrees towards the sound source. Its small footprint and flush-mount configuration allow the microphone to be unobtrusive without sacrificing sound quality.

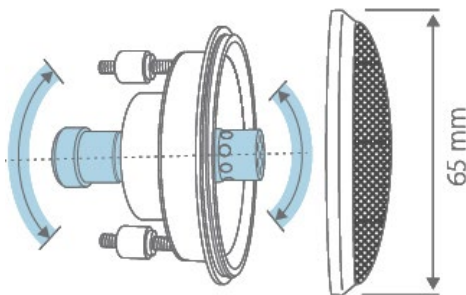
The GS1 terminates in a terminal block connector and is easy to install into a standard single-gang box. A 2.75-by-4.5-inch mounting plate is included. The GS1 comes in stock satin nickel finish and is also available in white.

MODEL VARIATIONS

- GS1 - Satin nickel finish
- GS1W - White finish

SUPPLIED ACCESSORIES

- 1-inch integrated mic cable terminating in a 3-pin terminal block connector (CONN170F)
- Mounting plate and attachment screws



Audix's patented swivel mounting system can be rotated in any direction and angled up to 30 degrees toward a sound source.



FEATURES

- High output for distance miking
- Immunity from RF interference
- Miniaturized integrated preamp circuitry
- Includes a 2.75-by-4.5-inch metal mounting plate
- No external power adapter
- Point and shoot directivity
- Designed, assembled and tested in the USA
- 3-year warranty

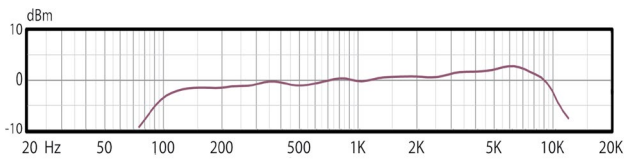
APPLICATIONS

- Video conferencing
- Distance learning
- Surveillance
- Hospital and medical procedure
- Ambient room miking

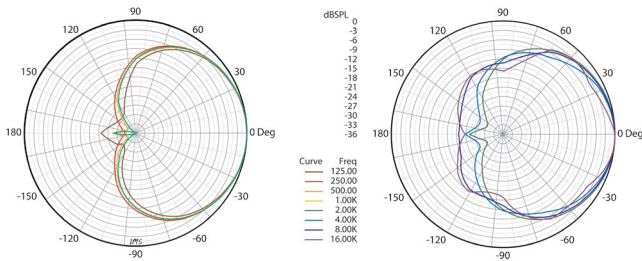
ARCHITECT AND ENGINEER SPECIFICATIONS

The microphone shall be of the condenser type with a cardioid polar pattern. The microphone shall be protected from RF interference. The microphone shall have a fully integrated preamp circuitry thereby eliminating the need for a remote preamplifier module. The microphone shall operate on 18-52 Volts DC and the nominal output impedance shall be equal to 150 ohms at 1 kHz. The microphone shall have a sensitivity of 38 mV / Pa at 1 kHz. The microphone shall have a maximum SPL level of ≥ 130 dB with THD of 0.5%. The microphone shall be machined out of brass, aluminum and the dimensions shall be 65 mm in diameter by 10 mm in depth. The microphone shall have the ability to be aimed and rotated within a radius of 60 degrees. The microphone shall be configured for wall mounting and surrounded by a metal wall plate which will conceal and protect wiring from the microphone and the terminal connectors. The microphone shall be the Audix GS1.

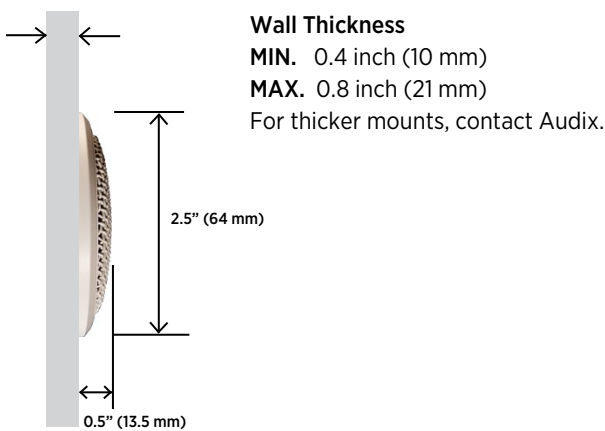
FREQUENCY RESPONSE



POLAR PATTERNS



DIMENSIONS



SPECIFICATIONS

| | |
|-------------------------------|---|
| Type | Condenser |
| Polar Pattern | Cardioid |
| Frequency Response | 60 Hz - 10 kHz |
| Output Impedance | 150 Ohms |
| Sensitivity | 38 mV / Pascal @ 1k |
| Signal to Noise Ratio | 72 dB |
| Equivalent Noise Level | 22 dB |
| Maximum SPL | ≥ 130 dB |
| Dynamic Range | 108 dB |
| Power Requirements | 18 - 52 V phantom |
| Connector | 3-pin Phoenix fe |
| Polarity | Positive pressure on diaphragm produces positive voltage on blue (center) Phoenix conductor |
| Materials / Finish | Brass aluminum and steel White or Nickel |
| Recommended Cable | Belden 9451 P or 82761 |
| Length | 176 mm / 6.9 in |