

Guitar Mic: Clip-On Mic for Guitar

DESCRIPTION

The Bartlett Guitar Mic is a professional quality, miniature microphone that attaches to the sound hole of an acoustic guitar for sound reinforcement. It accurately conveys the timbre of your instrument to your audience. The mic provides a natural sound while rejecting feedback.

The Guitar Mic mounts on the inner surface of the guitar top, just inside the sound hole, for excellent isolation and high volume. A felt-covered Soundhole Clip is supplied for mounting. No modification of the guitar is necessary.

A microphone in the sound hole normally sounds boomy, but the Guitar Mic has reduced low-frequency response to compensate. The result is a natural, non-boomy tone.

The Guitar Mic includes a permanently attached 8-foot XLR cable. The microphone requires phantom power which most mixers and acoustic-instrument amps supply at their mic inputs.

FEATURES

- Natural sound -- much better than a pickup
- Low feedback
- Felt-covered clip will not scratch your instrument
- Less clutter on stage, freedom of movement
- Consistent volume and tone from gig to gig
- Mixes well with a pickup for extra volume and enhanced tone
- Permanently attached 8-foot cable with XLR connector
- Made in USA, 2-year warranty, money-back guarantee

SPECIFICATIONS

Type: Miniature omnidirectional condenser microphone.

Transducer: Electret condenser.

Frequency response: 80 Hz to 20 kHz. See Figure 1.

Polar pattern: Omnidirectional. See Figure 2.

Impedance: 200 ohms. Recommended load impedance >1000 ohms.

Sensitivity: 4 mV/Pa (-47.1 dBV/Pa). 1 Pa = 94 dB SPL.

Signal-to-noise ratio: > 64 dB at 94 dB SPL. Noise is inaudible in normal use.

Maximum SPL: 134 dB SPL produces 3% THD. The mic will not audibly distort in normal use.

Cable: Permanently attached 8-foot black 2-conductor shielded cable with XLR-type 3-pin connector with internal circuit.

Operating voltage: 12–48V phantom power.



Figure 1. Frequency Response

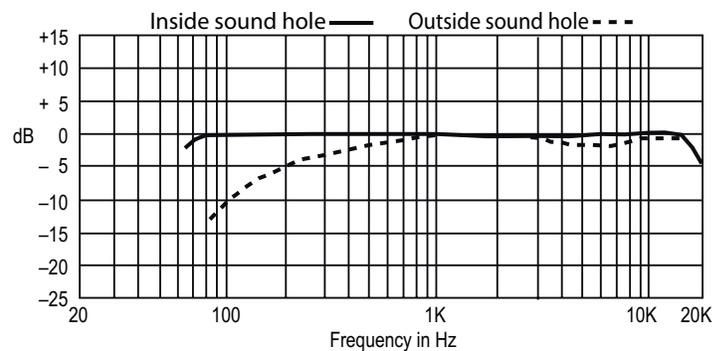
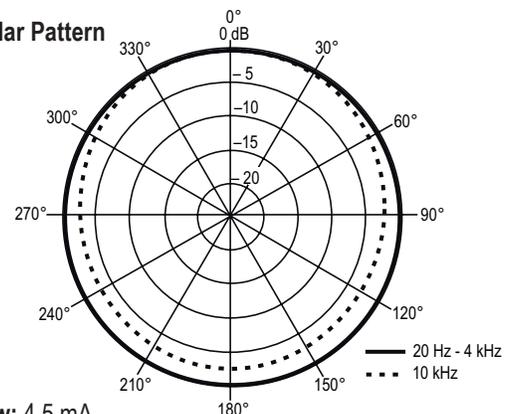


Figure 2. Polar Pattern



Current draw: 4.5 mA.

Materials: Rugged brass XLR connector.

Finish: Black microphone, silver XLR connector.

Net weight: 2.8 oz (79 g).

Dimensions: XLR connector 2.460" long x 0.747" diameter, mic 0.540" long x 0.325" diameter.

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Bartlett Audio

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MOUNTING AND OPERATION

See the Guitar Mic Quickstart Guide on our website
www.bartlettaudio.com.

WARRANTY

The Bartlett Guitar Mic is guaranteed not to malfunction (except in cases of abuse, such as standing on the mic) for a period of two years from the date of first purchase. Mic cables and paint finish are excluded from this warranty.

SERVICE

For tech support email info@bartlettaudio.com.

If the microphone does not operate correctly, first check its connected cables. Repair or replace them if necessary. Make sure that phantom power is turned on and that the microphone's fader is up in the mixer.

If the microphone still fails to operate, obtain a return authorization number from us by emailing info@bartlettaudio.com. Then return the mic in its original packaging to Bartlett Audio. Please include proof of purchase and a note about the problem.

If the microphone's specifications change, any changes will appear in the latest data sheet available online at www.bartlettaudio.com.