



The Audio-Technica AT808G is specified.

Specifications

Element	Dynamic
Polar pattern	Subcardioid
Frequency response	200-5,000 Hz
Open circuit sensitivity	-60 dB (1.0 mV) re 1V at 1 Pa
Impedance	800 ohms
Weight	135 g (4.8 oz)
Dimensions	412.7 mm (16.20") long, 25.0 mm (0.98") head diameter, 19.0 mm (0.75") base diameter
Output connector	Integral 3-pin XLRM-type

In the interest of standards development, A.T.U.S. offers full details on its test methods to other industry professionals on request.

1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

Specifications are subject to change without notice.

Features

- Designed for use as a quality talk-back microphone in entertainment, commercial and industrial applications
- Plugs directly into an XLR-type surface or cable connector
- Versatile gooseneck design and dependable performance
- Custom-tailored frequency response ensures excellent intelligibility in environments with excessive ambient noise
- Subcardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source
- Protective screen reduces wind noise and popping

Description

The AT808G is a moving coil dynamic microphone with a subcardioid polar pattern. It is designed for use as a quality talk-back microphone in entertainment, commercial and industrial applications.

The versatile gooseneck design allows for flexible positioning and dependable performance. Its custom-tailored frequency response ensures excellent intelligibility in environments with excessive ambient noise. The AT808G stands 412.7 mm (16.20") from the table or podium.

An XLRM-type connector insert at the base allows the microphone to be plugged directly into an XLR-type panel jack or microphone cable.

The microphone is enclosed in a rugged housing with a low-reflectance black finish.

Installation and Operation

Output is low impedance (Lo-Z) balanced. The signal appears across Pins 2 and 3; Pin 1 is ground (shield). Output phase is "Pin 2 hot"—positive acoustic pressure produces positive voltage at Pin 2.

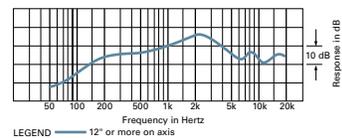
Take care to keep foreign particles from entering the windscreen. An accumulation of iron or steel filings on the diaphragm, and/or foreign material in the windscreen's mesh surface, can degrade performance.

Architect's and Engineer's Specifications

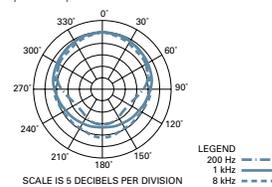
The microphone shall be a moving coil dynamic. It shall have a subcardioid polar pattern and a frequency response of 200 Hz to 5,000 Hz. Nominal open-circuit output voltage shall be 1.0 mV at 1V, 1 Pascal. Output shall be low impedance balanced (800 ohms).

The microphone shall have an XLRM-type connector at the base for direct connection to a mating XLR-type panel jack or cable connector. The microphone shall be an alternating gooseneck design, with an overall length of 412.7 mm (16.20") and a head diameter of 25.0 mm (0.98"). Weight shall be 135 grams (4.8 oz). Finish shall be low-reflectance black.

frequency response: 200–5,000 Hz



polar pattern



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