

AT808G SUBCARDIOID DYNAMIC CONSOLE MICROPHONE

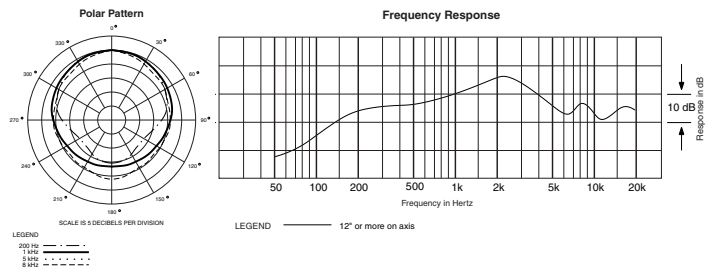


AT808G SPECIFICATIONS†

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	4.8 oz (135 g)
DIMENSIONS	16.20" (412.7 mm) long, 0.98" (25.0 mm) head diameter, 0.75" (19.0 mm) 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.



- Designed for use as a quality talk-back microphone in entertainment, commercial and industrial applications
- 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" when used extremely close
- Plugs directly into an XLRM-type surface or cable connector

Output from the microphone's XLRM-type connector 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.

To avoid phase cancellation and poor sound, all mic cables must be wired consistently: Pin 1-to-Pin 1, etc. For a high-impedance (Hi-Z) mic input, connect a Lo-Z balanced cable to a Hi-Z matching transformer (A-T CP8201 or equal) at the equipment input.

Plug Type	Ground	Audio "+"	Audio "-"
XLR	Pin 1	Pin 2	Pin 3
1/4" "TRS"	Sleeve	Tip	Ring
1/4"	Sleeve	Tip	Sleeve

The flexible gooseneck is easy to manipulate for proper positioning. Heavily lubricated, it operates smoothly and quietly. Should the unit become noisy with prolonged use, apply a light machine oil directly on the gooseneck area affected.

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.



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