



- Designed for close-up vocal and instrumental use
- Dependable long life and consistent high quality
- Two-stage ball-type screen reduces wind noise and "popping" during close use
- Cardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source

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.

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

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 Low-Z balanced cable to a Hi-Z matching transformer (A-T CP8201 or equal) at the equipment input.

When using the PRO 3x in settings with a stage monitor speaker, the speaker should be located 180° off axis (at the rear of the microphone). This placement, in conjunction with the microphone's uniform cardioid pickup pattern, will virtually eliminate the possibility of undesired audio feedback.

The high sensitivity of the PRO 3x assures useful output and an excellent match to most input sources. In some cases, however, an attenuator such as the Audio-Technica AT8202 may be required between the microphone and preamplifier to avoid overloading sensitive input stages.

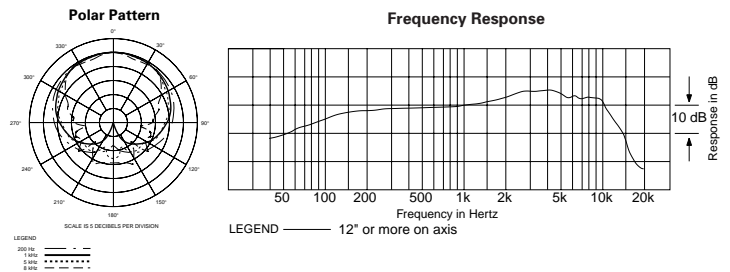
Take care to keep foreign particles from entering the windscreen. An accumulation of iron or steel filings on the diaphragm, and/or foreign material in the windscreen's mesh surface, can degrade performance.

PRO 3x SPECIFICATIONS†

ELEMENT	Dynamic
POLAR PATTERN	Cardioid (Unidirectional)
FREQUENCY RESPONSE	90-13,000 Hz
OPEN CIRCUIT SENSITIVITY	-55 dB (1.7 mV) re 1V at 1 Pa*
IMPEDANCE	500 ohms
SWITCH	On/off
WEIGHT (less cable and clamp)	9.5 oz (270 g)
DIMENSIONS	6.79" (172.5 mm) long, 2.08" (52.8 mm) head diameter, 1.25" to 0.88" (31.8 mm to 22.4 mm) tapered body diameter
OUTPUT CONNECTOR	Integral 3-pin XLRM-type
CABLE	15.0' (4.5 m) 2-conductor, shielded, vinyl-jacketed, broadcast-type cable with XLR-type connector at microphone end, XLRM-type connector at equipment end
ACCESSORY FURNISHED	Stand clamp for 5/8"-27 threaded stands

†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



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Audio-Technica brand products purchased in the U.S.A. are warranted for one year from date of purchase by Audio-Technica U.S., Inc. (A.T.U.S.) to be free of defects in materials and workmanship. In event of such defect, product will be repaired promptly without charge or, at our option, replaced with a new product of equal or superior value if delivered to A.T.U.S. or an Authorized Service Center, prepaid, together with the sales slip or other proof of purchase date. **Prior approval from A.T.U.S. is required for return.** This warranty excludes defects due to normal wear, abuse, shipping damage, or failure to use product in accordance with instructions. This warranty is void in the event of unauthorized repair or modification, or removal or defacing of the product labeling.

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