

# PRO 25ax

HYPERCARDIOID DYNAMIC  
INSTRUMENT MICROPHONE



## PRO 25ax SPECIFICATIONS†

<b>ELEMENT</b>	Dynamic
<b>POLAR PATTERN</b>	Hypercardioid
<b>FREQUENCY RESPONSE</b>	30-12,000 Hz
<b>OPEN CIRCUIT SENSITIVITY</b>	-54 dB (1.9 mV) re 1V at 1 Pa*
<b>IMPEDANCE</b>	600 ohms
<b>WEIGHT (less accessories)</b>	8.1 oz (230 g)
<b>DIMENSIONS</b>	4.45" (113.0 mm) long, 1.97" (50.0 mm) maximum diameter
<b>OUTPUT CONNECTOR</b>	Integral 3-pin XLRM-type
<b>ACCESSORIES FURNISHED</b>	AT8471 isolation clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch

†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/cm<sup>2</sup> = 10 microbars = 94 dB SPL  
Specifications are subject to change without notice.

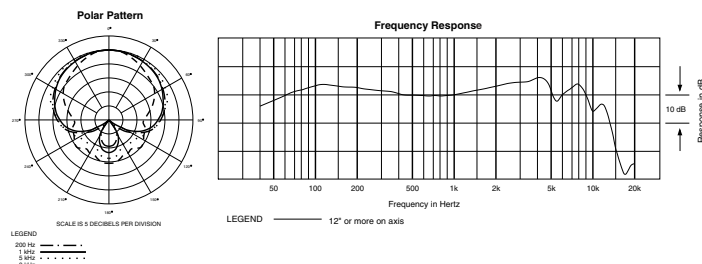
- Ideal for kick drum, percussion, brass, and other highly dynamic instruments
- Excels in high-SPL applications
- Warm low-frequency response with excellent presence
- Superior off-axis rejection for maximum gain before feedback
- Versatile mounting options and effective dampening of mechanical noise thanks to included AT8471 isolation clamp
- Corrosion-resistant contacts from gold-plated XLRM-type connector
- Rugged design and construction for reliable performance
- Hypercardioid polar pattern improves 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.

To avoid phase cancellation and poor sound, all mic cables must be wired consistently: Pin 1-to-Pin 1, etc.

The PRO 25ax includes an AT8471 isolation clamp to provide secure mounting, versatile positioning, and effective dampening of unwanted mechanical noise.

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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