

Apex205

SINGLE ELEMENT RIBBON

APPLICATIONS: Critical Vocals, Solo Instruments, Brass & Woodwinds, Acoustic Guitars, Acoustic Bass, Cellos, String Sections, Acoustic Pianos (Including Grand Piano), Guitar Amps, Bass Amps, Drum Overheads, Broadcast Applications, Radio Announce Microphone

DESCRIPTION:

The active element of a ribbon microphone is a very thin corrugated aluminum ribbon mounted under low tension between the poles of a strong magnet. The low-tension 2-inch long, 2-micron thick aluminum ribbon used in the Apex205 offers audio reproduction with smooth, natural extended low and high frequency response, yet handles extremely fast transients accurately. Although ribbon microphones are by their nature extremely fragile, the Apex205 can handle high sound pressure levels approaching 165dB range.

The asymmetrical figure-8 pickup pattern has an extended sweet spot on the rear face of the microphone allowing the recording to accurately reproduce the natural space and ambient reverberation of a good sounding live room.

The integrated yoke mic stand mount and internal shock mount assembly protects the fragile ribbon element during use.

FEATURES:

- Ribbon Microphone Design
- Figure-8 Polar Pattern
- Fast Accurate Transient Response
- No power supply required

SPECIFICATIONS:

Type	Large Element Ribbon Microphone
Ribbon Type	Pure Aluminum
Polar Pattern	Asymmetrical Figure-8
Frequency Response	40Hz - 18kHz (+/- 3dB)
Sensitivity	-55dB (0dB=1V/Pa)
Impedance	<200 ohms
S/N	70dB
Max SPL	(For 1% THD @ 1000Hz) 165dB
Equivalent Noise	(IEC 268 - 4 - A weighted) 18dB
Dimensions	6.5 x 2 in / 170 x 50.5 mm
Weight	19 oz / 545 g

POLAR PATTERN:

Figure-8

