

Apex210

LARGE FORMAT RIBBON

APPLICATIONS: Vocals, Acoustic Guitar, Piano, Strings, Brass & Woodwinds, Drum Overheads, Percussion, Guitar & Bass Amplifiers, Acoustic Bass

DESCRIPTION:

Generally considered to be the ideal microphone for vocals, solo instruments and any broadcast application, the classic ribbon microphone design boasts the most natural sounding audio capture available. Traditionally the ribbon microphone has remained exclusively in the realm of the large studio, until now.

The Apex210 has been engineered to deliver the unique character and tone of the classic ribbon design at an unbelievable price, making the ribbon microphone available for the first time to the home studio enthusiast and project studio engineer.

The active element of the Apex210 is a very thin corrugated aluminum ribbon mounted under low tension between the poles of a strong magnet. 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 with incredibly fast and accurate transient response and stunning realism. The Apex210 ribbon microphone is ideal for today's direct to digital recordings.

Although ribbon microphones are by their nature extremely fragile, the Apex210 can handle high sound pressure levels approaching 165dB range. The low-tension 2-inch long, 2-micron thick aluminum ribbon design offers audio reproduction with smooth, natural extended low and high frequency response. The Apex210 is shipped with a custom designed aluminum carrying case. The integrated yoke mic stand mount and internal shock mount assembly protects the extremely fragile ribbon element during use.



FEATURES:

- Solid Rugged Zinc Cast Body
- Acoustically Transparent Windscreen
- Handles Extremely High SPL (up to 165dB) without Capsule Distortion
- Fast & Accurate Transient Response
- Wide Open Figure-8 Pattern

SPECIFICATIONS:

Type	Large Element Ribbon
Ribbon Type	Pure Aluminum
Polar Patterns	Asymmetrical Figure-8
Frequency Response	30Hz - 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	7 x 2.7 in / 180 x 68.5 mm
Weight	31 oz / 870 g

POLAR PATTERN:

Asymmetrical Figure-8

