

Apex460

SIDE ADDRESS STUDIO TUBE

APPLICATIONS: Studio Vocals, Brass & Woodwinds, Instrument Amplifiers, Choirs, Piano Percussion, Broadcast Applications

DESCRIPTION:

The Apex460 tube condenser microphone is perfect for recording both critical vocals and instruments. The dual diaphragm multi-pattern design gives you nine different polar pattern settings to get the perfect microphone sound for every studio application.

The Apex460 features dual 1-inch gold sputtered 5-micron diaphragms in a shockmount capsule. The 12AT7 vacuum tube pre-amp and capsule is suspended in a solid machined casing to further reduce tube-induced noise. The included external shock-mount suspension virtually eliminates vibration and handling noise, while at the same time safely securing the microphone in any position needed during the recording process.

One unique feature of this microphone is the nine different selectable polar patterns easily available from the selector switch on the front panel of the external power supply. Rather than limiting the user to the three popular patterns (Omnidirectional, Cardioid, and Figure Eight pattern) most commonly available, the Apex460 has three gradient stages between each pattern.

This allows the studio engineer or home recordist far more versatility. In vocal applications where an omnidirectional pattern isn't quite "fat" enough, but cardioid is too narrow, you now have three additional steps to find the right subtle mix between the two standard patterns. There are also three additional steps between cardioid and figure-8 pattern.



FEATURES:

- True Tube Microphone Design
- Nine User-selectable Polar Patterns including Omnidirectional, Cardioid, Figure Eight with gradient positions between each
- Dual 1-inch Gold Sputtered Capsules
- Heavy-Duty Cat's Cradle Shockmount,
- External High Voltage Power Supply, 7-pin XLR shielded microphone cable, Wind Sock, Carrying Case Included

SPECIFICATIONS:

Type	FET Cardioid Condenser
Polar Pattern	Cardioid
Frequency Response	20 - 20,000Hz
Sensitivity	21mV/Pa +/- 2dB (0 dB=1V/pa@1kHz)
Impedance	<200 ohms
Signal to Noise Ratio	76.5dB
Maximum SPL	126dB (1 kHz < 1% THD)
Operating Voltage	48V (Phantom Power)
Connector	3-pin XLR
Dimensions	55mm x 145mm

POLAR PATTERN:

Cardioid

