

Apex480

SIDE ADDRESS STUDIO CONDENSER

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

DESCRIPTION:

The Apex480 wide diaphragm FET microphone offers a warmth and tone similar to that of a tube microphone without the limitations often associated with a tube mic design.

The Field Effect Transistors (FETs) used in the Apex480's deliver incredible clarity with an extremely wide dynamic range. This FET design offers the unique ability to create a very musical sounding "soft clip" with a smooth output and rich harmonic content, very similar to that of a tube microphone with a lower noise floor, a wider dynamic range and without the need of cumbersome external power supplies or specialized multi-pin XLR cables often required in a tube mic package.

The Apex480 is a true wide diaphragm side address condenser microphone and can easily be powered from any standard phantom power source. Selectable cardioid, omni-directional and figure-8 polar patterns are available ensuring maximum versatility. Low frequency roll-off and -10dB pad switch on the body of the Apex480 ensure the microphone can easily be applied to virtually any recording or live application.

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.



FEATURES:

- Selectable Polar Patterns (Omni-Directional, Cardioid & Figure-8)
- -10db Pad & Low-Frequency Roll-Off Switches On Microphone Body
- Warm, Extremely Smooth-Sounding FET Design
- Wide Dynamic Range With Low Noise Floor
- 20 - 20,000Hz Frequency Response
- Package Includes Shockmount, Pop-Filter & Carrying Case

SPECIFICATIONS:

Type	Wide Diaphragm FET Condenser Microphone
Polar Pattern	Cardioid, Omnidirectional and Figure-8
Frequency Response	20Hz - 20kHz
Sensitivity	20mv/Pa = -40dB
Impedance	200 Ohms
S/N	>73dB
Max SPL	134dB (For .05% THD @ 1000Hz)
Equivalent Noise	18dB (A-weighted IEC/651)
Power Requirement	48v Phantom Power
Controls	-10dB pad / 80Hz Low Frequency Roll-off
Dimensions	7.6 x 2.1 in / 192 x 53 mm
Weight	2.4 oz / 635 g

POLAR PATTERNS:

Cardioid, Omnidirectional and Figure-8

