

Apex435

SIDE ADDRESS CARDIOID CONDENSER

APPLICATIONS: Studio Vocals, Brass & Woodwinds, Instrument Amplifiers, Drum Overheads, Rugged Enough for Live Sound (Instrument Amps, Overheads, Ambience (feeding in-ear monitor systems))

DESCRIPTION:

Rugged construction, high SPL handling in a compact chassis makes the Apex435 an ideal choice for live sound reinforcement or live recording applications. It is also an ideal choice as a utility microphone for home or project studios where performance is required, yet budget is a concern.

The Apex435 uses the same proven capsule and electronics of the popular Apex430, however it is mounted in a lighter, more compact chassis. Its ideal applications can be overhead mic for drum kits, for guitar or bass cabinets where superior sound quality and high sound pressure handling is required. It is also the microphone of choice for saxophones, flutes, brass or woodwinds, acoustic guitars or acoustic bass where subtlety and clarity is paramount.

In live sound applications and remote recording Apex435's cardioid pattern offer excellent feedback rejection and better isolation and will give you the best results on most vocal applications and a wide range of instruments including brass and woodwinds, acoustic stringed instruments, drums and percussion.

The Apex435 is a professional wide diaphragm dual pattern, pressure gradient condenser microphone with an internal -6dB 100Hz low frequency cutoff switch. A 1-inch diameter capsule delivers frequency response is 20Hz to 20kHz with a maximum SPL of 140dB (1kHz @ 0.5% THD). Input sensitivity is -40dB @ 1kHz and signal to noise is better than 73dB. Impedance is 200 ohms and the operating voltage is 48V DC.



FEATURES:

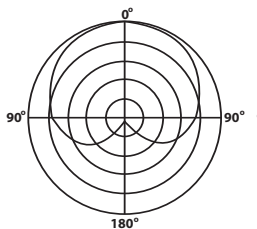
- Compact Design
- Rugged All Metal Body
- Wide Dynamic Range With Low Noise Floor
- 20 - 20,000Hz Frequency Response
- Package Includes Shockmount, Carry Bag

SPECIFICATIONS:

Type	Wide Diaphragm Condenser Microphone
Polar Pattern	Cardioid
Frequency Response	20Hz - 20kHz
Sensitivity	14mv/Pa = -40dB (0dB = 1v/Pa) -40dB
Impedance	<200 Ohms
S/N	6dB
Max SPL	For .05% THD @ 1000Hz) 140dB
Equivalent Noise:	(IEC 268 - 4 - A weighted) 24dB
Included Accessories:	IMC-3 Shockmount
Dimensions:	6 x 1.75 in / 152 x 45 mm
Weight:	3 oz / 362 g

POLAR PATTERN:

Cardioid



Internal Low Frequency Roll-off Switch