

# Apex188

## TRUE STEREO USB CONDENSER

**APPLICATIONS:** Acoustic Instruments including Guitars, Pianos, Brass & Woodwinds, Ambient Recording, Soundscape Recording, Podcasting, Broadcast Applications, ENG (Electronic News Gathering)

### DESCRIPTION:

The Apex188 is a true stereo USB condenser microphone designed to direct connect to any USB 2.0 equipped computer or laptop. The two separate cardioid capsules used in the Apex188 are fixed at a 90-degree angle to each other, allowing a perfect X/Y axis stereo image from a single mic position.

Cardioid capsules are used in the Apex188 because cardioid polar patterns provide excellent noise rejection from the sides and back of the capsule, minimizing interference from off axis sources. The capsules are offset by 90 degrees, ensuring they deliver maximum separation and an extremely natural stereo imaging from one microphone source with a minimum of left to right phase interference.

The Apex188 offers the added convenience of an internal 24bit / 96kHz digital conversion direct to the USB2.0 output, making it the ideal microphone for software based recording solutions or Podcasting.

The Apex188 operates on any USB equipped PC or laptop running WindowsXP or later and Mac OS-X operating systems.

### FEATURES:

- True Stereo Condenser Microphone
- Dual Cardioid Pickup Patterns mounted on X/Y axis
- Direct Connect to any USB equipped computer running WindowsXP or Mac OS-X
- 24Bit / 96kHz A to D Converter



### SPECIFICATIONS:

Type	Stereo Condenser Microphone w/ USB
Polar Pattern	Dual Cardioid Pattern (L&R Stereo)
Capsule	Dual 22mm Capsules mounted on X/Y Axis
Frequency Response	20 Hz to 20 kHz
Sensitivity	-40dB
S/N Ratio	75dB (for 1pA)
Max SPL	137 dB
Power Requirement	USB low-power device (26 mA)
Resolution	24bit / 96kHz
Connection	USB 2.0
Dimensions (in)	8.25 (L) x 1.25(dia)
Dimensions (mm)	210(L) x 28 (dia)
Weight (oz/g)	17 / 464

### POLAR PATTERN:

Cardioid, Dual Cardioid

