SC-450USB:

The t-bone SC-450USB large diaphragm professional USB condenser microphone is designed to offer versatility for both Podcasters as well as Musicians. This microphone features a 1" Gold sputtered Diaphragm, fixed cardioid polar pattern, bass roll-off switch and a -10 DB pad. With its broad frequency response, wide dynamic range and low distortion the SC-450USB is a highly versatile microphone for use in many recording applications.

Specifications:

Type: Large Diaphragm USB Condenser
Frequency Response: 30hz to 20kHz
Polar Pattern: Cardioid
Sensitivity: >18m V/Pa
Equivalent Noise Level: <17db, A weighted
Max SPL at 0.5% THD: 120 dB SPL
16-bit sample resolution
Supports 8 kHz, 11.025 kHz, 22.05 kHz, 44.1 kHz, and 48 kHz sampling rates
USB low-power device - draws 26 mA => 130 mW. In suspend mode 0.3 mA => 1.5 mW.

Frequently Asked Questions

Will the SC450USB microphone work with my computer?
The SC450USB microphone will work on computers running Windows XP and Apple Mac OS X.

Will the SC450USB microphone work with my software?
The SC450USB microphone will work with any software that supports USB Audio Class devices and does not require a proprietary audio driver.

On Mac OS X, how come I can see the meter moving in the Sound Preferences panel but I can't hear any audio.
The current version of Mac OS X does not support "play-through" when using a microphone (internal or USB) as your input device. You will need to use a recording or play through or application to hear the microphone.

Does the SC450USB require phantom power?
The SC450USB microphone draws all necessary power from the USB bus.

Can I use multiple SC450USB microphones at the same time?
Yes, if the audio application allows the use of multiple USB audio devices.

Do I need to use any special software drivers for the SC450USB to work?
The SC450USB is a USB Audio Class compliant device, which means it does not need any special software drivers to work. To use the microphone, you will need an application open that supports USB audio devices.

Can I plug the SC450USB into my analog mixing console (XLR)?
No, the SC450USB is a digital microphone and features a USB output, and needs a USB host (computer) to work.

Will the SC450USB work with USB 1.1?
Yes, the SC450USB is a USB 2.0 compliant, full-speed device, and is fully compatible with USB 1.1 or 2.0 full-speed ports.

How can I select different sample rates?
Sample rate is determined by the audio application. The microphone can change to sample at 8, 11.025, 22.05, 44.1, and 48 kHz. Applications may support on-the-fly resampling, which would allow other sampling frequencies.