the t.bone

SC 460 USB - Studio Condenser USB Microphone

Quick start guide

This manual contains important information on the safe operation of the device. Read and follow the safety advice and instructions given. Retain the manual for future reference. If you pass the device on to others please include this manual.

Safety instructions

Intended use
This device is used to convert acoustic signals into electrical ones. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

Danger for children
Ensure that plastic bags, packaging, etc. are disposed of properly and are not within reach of babies and young children. Choking hazard! Ensure that children do not detach any small parts (e.g. knobs or the like) from the unit. They could swallow the pieces and choke! Never let unattended children use electrical devices.

Where to use the product
Never use the product
• in direct sunlight
• in conditions of extreme temperature or humidity
• in extremely dusty or dirty areas
• at locations where the unit can become wet
• near magnetic fields

General handling
• To prevent damage, never use force when operating the switches and controls.
• Never immerse the appliance in water. Just wipe it with a clean dry cloth. Do not use liquid cleaners such as benzene, thinners or flammable cleaning agents.
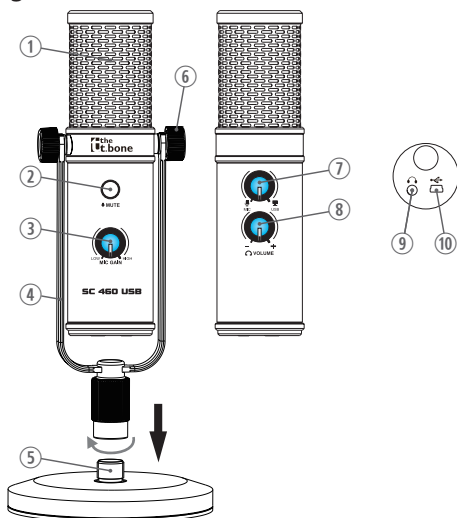
Keep foreign substances from the unit!
Keep the device away from containers with liquids. Should any liquid get into the unit, this could lead to its destruction or fire. Be sure not to let any metal objects into the unit.

Features

• Studio USB condenser microphone
• 3.5 mm mini jack headphones connection
• Mini USB port

• Controls for microphone gain and headphone volume as well as mic / USB mix
• Table base, bracket and high-quality approx. 3 m mini USB to USB cable included in delivery

Operating elements

1. Microphone basket
2. Button to MUTE the microphone
3. Control to adjust the MIC GAIN
4. Bracket mount for use as a table microphone
5. Stand for bracket mount
6. Locking screw for adjusting the tilt angle
7. MIC | USB: Control for setting the ratio of microphone and USB signal in the headphone signal
8. Control to adjust the headphones VOLUME
9. Headphones socket (3.5 mm mini jack)
10. Mini-USB port to connect a computer

Using the product

1. Screw the thread of the bracket mount onto the stand.
2. Place the microphone in the bracket mount and fix it with the locking screws at the desired tilt angle.
3. Connect the mini-USB port of the microphone to the USB port of a computer (Windows® or Mac OS®) using the mini-USB to USB cable provided. The computer will recognize the device and automatically install the required driver.
4. When using computers with the Windows® operating system, you can configure the device as required via the Control Panel => Sound => Recording.
5. When using computers with the Mac OS® operating system, you can configure the device as required via System Preferences => Sound => Input.

6. Speak or sing to the microphone.
7. To monitor the signal directly, connect headphones to the headphone socket.
8. Use the VOLUME control to set the desired headphone volume.
9. Use the MIC GAIN control to set the sensitivity and thus the amount of pre-amplification.
10. The USB connection works in both directions. This allows you to play back a signal from the computer through the headphones connected to the microphone. Then use the MIC | USB controller to adjust the ratio of microphone and USB signal in the headphone signal.

Technical specifications

Sampling rate:	96 kHz	Dimensions (L × W × D):	182 × 50 × 68 mm (microphone only)
Bit rate:	24 bit		262 × Ø120 mm (w/ bracket mount)
Frequency response:	30 Hz – 20 kHz	Weight:	1.35 kg
Sensitivity:	-32 dB	Colour:	black
Directivity:	cardioid		