

User manual

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 meant to be used as a USB-supported microphone and audio interface. 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

Interference with other electrical equipment

Using the device near radios or TV sets may cause interference. Then increase the distance between the devices.

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.

Possible hearing damage

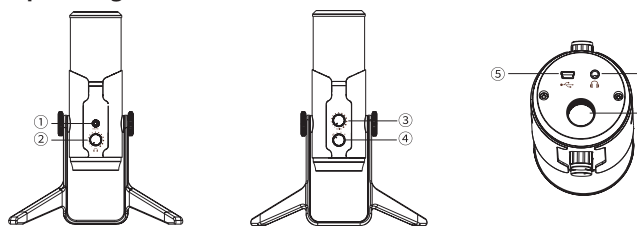


With connected headphones, the device can produce volume levels that may cause temporary or permanent hearing impairment. Do not operate the device continuously at high volume. Decrease the volume level immediately if you experience ringing in your ears or hearing impairment.

Features

- USB recording microphone with built-in 24 bit / 192 kHz audio interface
- Microphone element with three 16 mm condenser microphone capsules
- 4 polar patterns switchable: stereo, cardioid, omni-directional and figure eight
- Scope of delivery: microphone, microphone stand, mini-USB cable
- Low noise microphone preamp with adjustable input sensitivity
- Built-in adjustable headphone amplifier for latency-free monitoring
- Mute switch

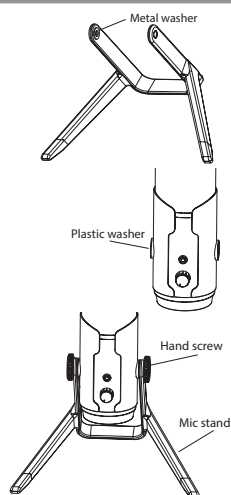
Operating elements



1. Mute button to mute the microphone.
LED green: the microphone picks up the sound normally.
LED red: the microphone is muted.
2. Volume control to adjust the volume for the headphones and the USB port.
3. Gain control for adjusting the microphone sensitivity.
4. Polar pattern switch: stereo, cardioid, omni and figure eight.
5. Mini USB port for computer connection and power supply.
6. Headphone output for real-time monitoring of microphone signal and computer playback, (3.5 mm mini phone socket).
7. Mounting option for various tripods with 5/8" connection.

Using the device

1. Place the enclosed metal washers against the inside of the microphone holder.
2. Attach the enclosed plastic washers to both case threads on the sides of the microphone.
3. Place the microphone between the support arms of the stand and screw the microphone to the microphone stand with the supplied hand screws.



4. Connect the mini USB port (5) of the microphone to the computer with the included USB cable. It automatically recognizes the new device and installs the required driver.
5. On computers with a Windows operating system, open the Control Panel, select 'Sound' and then right-click on the 'Play' and 'Record' pages to select the SC 500 USB as the default device. For computers with MacOS, the pages are called 'input' and 'output'. The microphone / audio interface is now ready for use.
6. Turn the volume control (2) to the left stop before connecting the plug of the headphones cable into the headphone output (6). Then turn the volume control to the desired position.
7. Adjust the input sensitivity of the microphone with the gain control (3). The farther the microphone is away from the sound source to be recorded, the farther the knob should be turned clockwise.
8. Use switch (4) to set the desired polar pattern:
 - ⊗ | Stereo, for recording music performances etc.
 - | Omni, for recording situations where the sound is to be recorded coming from all directions.
 - ⊙ | Cardioid, for direct speech or vocal recordings.
 - ⊘ | Figure eight, for recording situations where the sound is to be recorded coming from the front and back.

Technical specifications

Sampling rate:	44.1 – 192 kHz
Bit rate:	16 / 24 Bit
Frequency response:	20 Hz – 20 kHz
Sensitivity:	5.6 mV (1 V / Pa @ 1 kHz)
SPL max:	120 dB (THD: 0.5% 1 kHz)
Output impedance:	32 Ω

Signal-to-noise:	100 dB
Compatibility:	Windows Vista, 7, 8, 10 Mac 10.4.11 (or higher)
Power supply:	via mini-USB
Dimensions:	182 × 60 × 60 mm (without stand) 243 × 200 × 175 mm (with stand)
Weight:	115 g



For the transport and protective packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling. Ensure that plastic bags, packaging, etc. are properly disposed of. Do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.



This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) in its currently valid version. Do not dispose of your old device with your normal household waste. Dispose of this product through an approved waste disposal firm or through your local waste facility. Comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.