

Translator – USB to Audio

USB TO ANALOG AUDIO CONVERTER



- ▶ Converts USB audio to stereo analog audio output and mono microphone input
- ▶ USB 2.0 and USB 1.1 compliant
- ▶ USB Audio Device Class Specification 1.0
- ▶ USB bus powered – no external power required
- ▶ Drivers not required for Windows, Linux, or Mac OS X v10.0 or later

Features and Benefits

- Compact Size (2.25 x 1.0 x 0.5 in)
- Plug and Play convenience
- Buttons to increase and decrease
- Separate mute buttons for microphone input and speaker output
- LED indicators for microphone mute status and USB connection status
- Direct plug-in type A USB connector
- Works with both USB 2.0 and USB 1.1 ports
- Standard 3.5 mm microphone input and stereo audio output jacks



Product Overview

The Translator – USB to Audio is the latest companion to the Rose Electronics USB extension and conversion product line. It connects to a standard Type A USB port and converts USB audio signals to stereo analog audio for speakers or headphones. It also converts mono microphone input to USB audio.

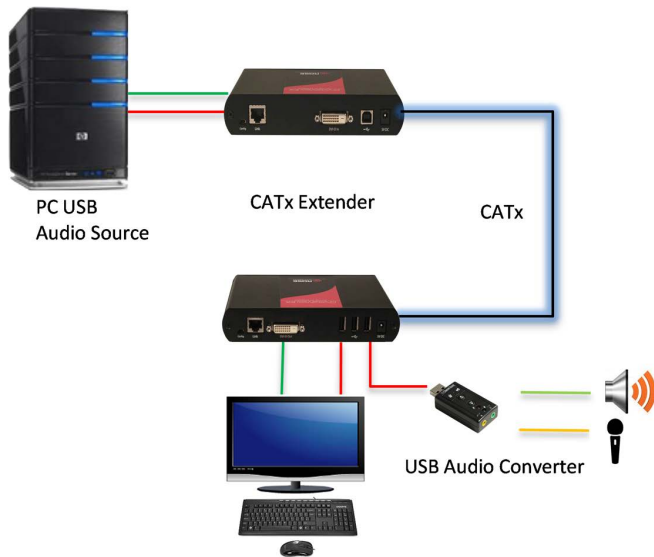
A green LED indicator on the converter allows quick confirmation that the USB audio connection is active. A red LED indicator illuminates when the microphone has been muted. The adapter requires no external power connection, because it is entirely powered by the USB bus.

Button controls on the Converter allow increasing or decreasing the output sound volume. Separate mute buttons allow muting the sound output or the microphone input independently.

No drivers are required for Windows XP, Windows Server 2003, Windows Vista, Windows 7, or later versions. Linux and Mac OS X 10.0 or later versions also provide native support.

The USB Audio Converter provides high quality microphone input and stereo output when connected to either a USB 2.0 or a USB 1.1 port.

Typical Application



Companion to USB extender without analog audio ports

Connectors Standard 3.5 mm audio connectors are provided for connecting stereo speakers or headphones and a monaural microphone.

Installation The installation process is simple and straightforward. Plug the Converter into a USB device port, connect stereo speakers or headphones to the output jack, and optionally connect a microphone to the input jack. When the USB host indicates that the new USB device is ready for use, the speakers and microphone will be operational.

Operation Stereo output volume can be adjusted by standard computer controls or by the volume up and volume down buttons on the Converter. Separate mute buttons for the microphone and speakers are also provided.

Specifications

Dimensions (W x D x H)	1" x 2.25" x 0.5" 25.4 x 57.2 x 12.7 mm
Weight	.25 lb. (.11 kg.)
Power	By USB less than 1W
Distance	Audio: 10 feet (3.0m)
Connectors	USB: Type A male Audio Out: 3.5mm stereo jack Microphone In: 3.5mm stereo jack
Controls	Green power LED Red microphone mute LED Volume up and down control Mute output button Mute input button
Environment	Operating temp: 32°F – 104°F (0°C – 40°C) Rel. humidity: 20% – 80%, non-condensing

Part numbers

CNV-USB-A2-7.1	Translator USB to Audio Converter
CAB-SPMMxxx	Audio 3.5mm Cable

WWW.ROSE.COM ▪ **sales@rose.com** ▪ **(800) 333-9343**

Rose Electronics ▪ 10707 Stancliff Road ▪ Houston, Texas 77099
Rose USA (281) 933-7673 ▪ Rose Europe +49 (0) 2454 969442
Rose Asia +65 6324 2322 ▪ Rose Australia +61 (0) 421 247083

datasheet-translator-usb-to-audio-2017-09-05

 **ROSE**
ELECTRONICS
WWW.ROSE.COM