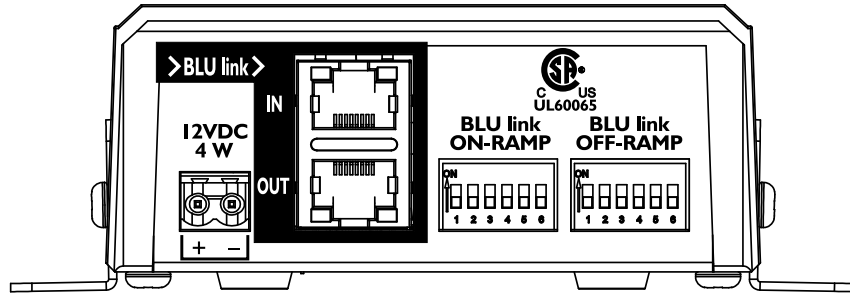




BLU-USB

Quick Start Guide



Included in the Box:

- BLU-USB Interface
- 4 Rubber Feet
- 2 Mounting Brackets
- 4 Fine-Threaded Screws for Mounting to Chassis
- 4 Coarse-Threaded Screws for Mounting to Surface
- 4 Washers for Mounting to Surface
- Cable Cover
- Power Supply with IEC Cable*
- USB Cable (2 Meter)

*Items not included with non-power supply models.

Warranty

For warranty information, visit http://bssaudio.com/en-US/support/warranty_policy.



Product Registration

Register your product at http://bssaudio.com/en-US/support/warranty_registration.



Download the Installation Guide

For additional information on mounting, installation, and operation, download the installation guide at <http://bssaudio.com/en-US/products/blu-usb#documentation>.



Scan QR codes with a mobile device to go straight to web URLs.

1 Install the Windows® Driver (If Applicable)

If using a Windows computer, Class 1 (2 x 2) mode can be used without installing any drivers (this is the default mode).

To use Class 2 (8 x 8) mode, download and install the BLU-USB Windows driver from <http://bssaudio.com/en-US/products/blu-usb#downloads>. See step 5 for additional details on modes.

IMPORTANT! If using Windows 7, the Windows KB3033929 update (released March 2015) MUST be installed to use the BLU-USB in Class 2 mode.

NOTE: Mac computers do not require any additional drivers and will use the Core Audio driver installed with OS X.

2 Assign the Channel Banks

Use the DIP switches to assign on-ramp and off-ramp channel banks (see table).

ON-RAMP = From computer to BLU link.

OFF-RAMP = From BLU link to computer.

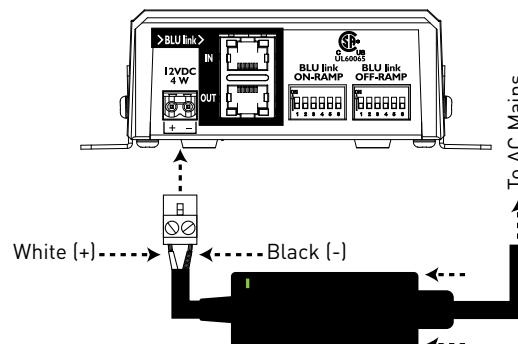
NOTE: Channels 1-256 are available when operating at a 48kHz BLU link sample rate; channels 1-128 are available when operating at a 96kHz BLU link sample rate.

| Channel Assignment | | | | | |
|--------------------|----------------|------------|----------------|------------------|----------------|
| CHAN | DIP SETTINGS | CHAN | DIP SETTINGS | CHAN | DIP SETTINGS |
| 1 to 8 | ON 1 2 3 4 5 6 | 89 to 96 | ON 1 2 3 4 5 6 | 177 to 184 | ON 1 2 3 4 5 6 |
| 9 to 16 | ON 1 2 3 4 5 6 | 97 to 104 | ON 1 2 3 4 5 6 | 185 to 192 | ON 1 2 3 4 5 6 |
| 17 to 24 | ON 1 2 3 4 5 6 | 105 to 112 | ON 1 2 3 4 5 6 | 193 to 200 | ON 1 2 3 4 5 6 |
| 25 to 32 | ON 1 2 3 4 5 6 | 113 to 120 | ON 1 2 3 4 5 6 | 201 to 208 | ON 1 2 3 4 5 6 |
| 33 to 40 | ON 1 2 3 4 5 6 | 121 to 128 | ON 1 2 3 4 5 6 | 209 to 216 | ON 1 2 3 4 5 6 |
| 41 to 48 | ON 1 2 3 4 5 6 | 129 to 136 | ON 1 2 3 4 5 6 | 217 to 224 | ON 1 2 3 4 5 6 |
| 49 to 56 | ON 1 2 3 4 5 6 | 137 to 144 | ON 1 2 3 4 5 6 | 225 to 232 | ON 1 2 3 4 5 6 |
| 57 to 64 | ON 1 2 3 4 5 6 | 145 to 152 | ON 1 2 3 4 5 6 | 233 to 240 | ON 1 2 3 4 5 6 |
| 65 to 72 | ON 1 2 3 4 5 6 | 153 to 160 | ON 1 2 3 4 5 6 | 241 to 248 | ON 1 2 3 4 5 6 |
| 73 to 80 | ON 1 2 3 4 5 6 | 161 to 168 | ON 1 2 3 4 5 6 | 249 to 256 | ON 1 2 3 4 5 6 |
| 81 to 88 | ON 1 2 3 4 5 6 | 169 to 176 | ON 1 2 3 4 5 6 | On-Ramp Disabled | ON 1 2 3 4 5 6 |

Note 1: Black indicates switch position.
 Note 2: Lowest channel of 8 channel range is always output 1 of BLU-USB.
 Note 3: On-Ramp = USB audio to BLU link.

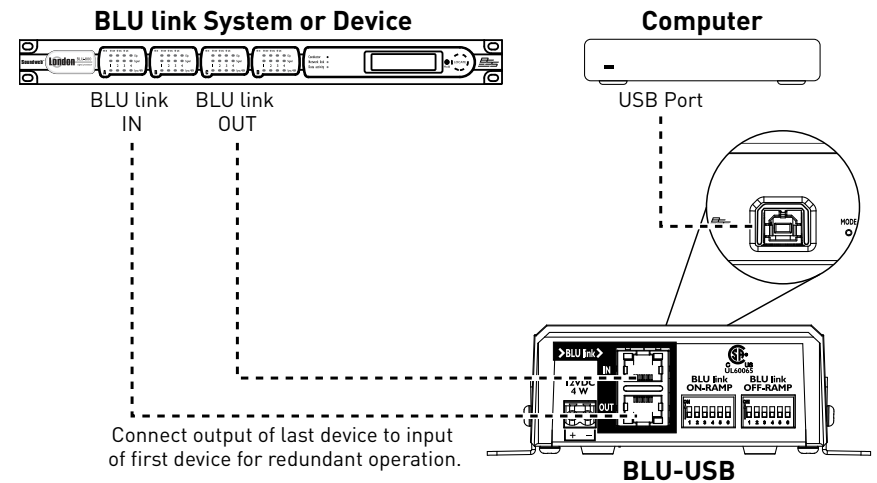
3 Apply Power

Connect the included power supply and IEC power cable.



4 Make Connections

Connect the BLU-USB to the audio system.



5 Select the USB Mode

The following modes are available:

- **Class 1 Mode (Cyan USB Port LED)**
Provides 2 x 2 channel I/O and is limited to a 48kHz BLU link bus (96kHz is not supported). Doesn't require any drivers be installed to use with Windows or Mac computers.
- **Class 2 Mode (Magenta USB Port LED)**
Provides 8 x 8 channel I/O and support for a 48kHz or 96kHz BLU link bus. This mode requires the Windows driver be installed for Windows computers. Mac computers don't require any additional drivers.

To change the mode, use a small, pointed object — such as the tip of a paperclip — and press and hold the recessed **MODE** pushbutton until the USB port LED changes color (~10 seconds).

6 Route Computer Audio

In the computer or software application, configure the BLU-USB as the input and/or output device. Make sure to configure the sample rate and bit rate to match the BLU link bus (48kHz/24-bit or 96kHz/24-bit). See the BLU-USB Installation Guide for more information.