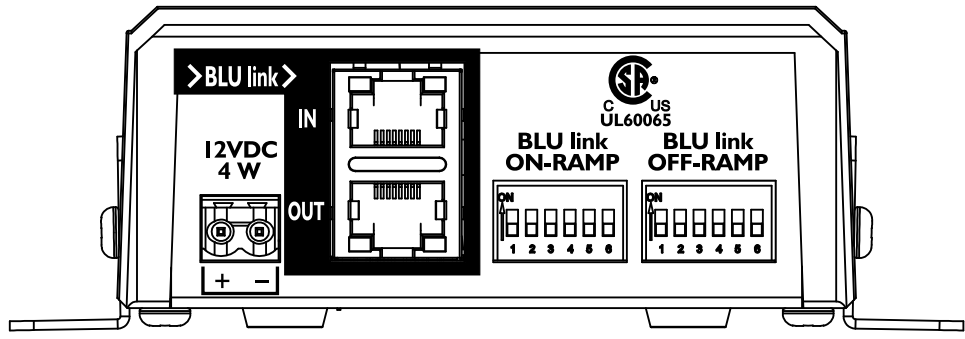


BLU-USB

8 x 8 USB / BLU link Bridge



Installation Guide



REGULATORY INFORMATION

An example of this equipment has been tested and found to comply with the following European and international Standards for Electromagnetic Compatibility and Electrical Safety:

Radiated Emissions (EU): EN 55022:2006

Immunity (EU): EN 55024:1998

Electrical Safety (EU): IEC60065-01 + AMD 2

Electrical Safety (USA): UL60065-08



IMPORTANT USER INFORMATION

Do not remove covers. No user serviceable parts inside, refer servicing to qualified service personnel. For continued compliance with international EMC regulations, it is important that all cables be screened, and connected as follows:

- This equipment must be earthed. It should not be necessary to remove any protective earth to prevent ground loops. Any such disconnections are outside the recommended practice of BSS Audio, and will render the EMC or safety certificate void.

This model shall be powered by a certified AC/DC power adaptor with limited power source output rated 12V–24V, 30W maximum. The unit may be supplied together with a certified AC/DC power adaptor from FranMar International Inc., Model FRA030E-S12-4, rated 100–240V~, 50-60 Hz, 0.7A, Class I.

PRODUCT REGISTRATION / WARRANTY

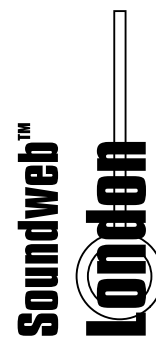
To register your product, please visit http://bssaudio.com/en-US/support/warranty_registration.

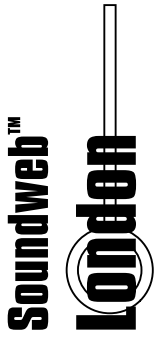
For warranty information, please visit http://bssaudio.com/en-US/support/warranty_policy.



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Getting Started

GETTING STARTED

Introduction

This guide was written with the aim of guiding you through the installation of a Soundweb™ London BLU-USB interface. We recommend that you read this installation guide before attempting to install and operate the device.

The Soundweb London BLU-USB is an 8 x 8 USB/BLU link bridge — 8 channels from BLU link to USB, and 8 channels from USB to BLU link.

The BLU-USB adds USB audio functionality to a Soundweb London system, using BLU link as the interconnecting audio transport. The BLU-USB can also be connected to other BLU link-compatible devices from Crown®, dbx®, JBL®, Soundcraft®, and more.

Multiple BLU-USB devices can exist on a single BLU link bus. This can be useful for applications requiring multiple USB audio locations — for example, in a conferencing environment, where multiple computer audio connections are required around a large conference table.

Other BLU-USB example applications include:

- **Conferencing using soft codecs**

Interface Cisco Jabber®, Microsoft® Skype® for Business, etc. with a Soundweb London system.

- **Background music and audio announcement playback**

Interface a computer with a Soundweb London system for use as a media server.

- **Archiving**

Interface a computer with a Soundweb London system for courtroom, interview, conference, lecture, or classroom audio capture.

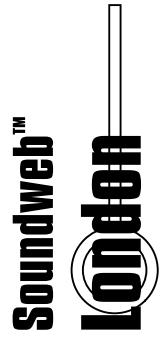
- **Studio/Live Sound**

Provides 8 x 8 bridge between BLU link-equipped audio system and computer for software audio analysis or capture.

The BLU-USB is easy to integrate and use thanks to the following features:

- No programming required.
- BLU link bus sample rate is automatically detected and configured.
- BLU link on-ramp and off-ramp channel bank assignments are made using the set of DIP switches located on the BLU-USB chassis.
- USB mode (2 x 2 or 8 x 8 channel I/O) can be selected using the MODE pushbutton next to the USB port.
- No driver installation necessary when used in 2 x 2 mode.





Included Items

Please ensure all of the following items were included in the box and that no items have been damaged during shipping. If any items are missing or damaged, please contact your dealer at once.

- 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)

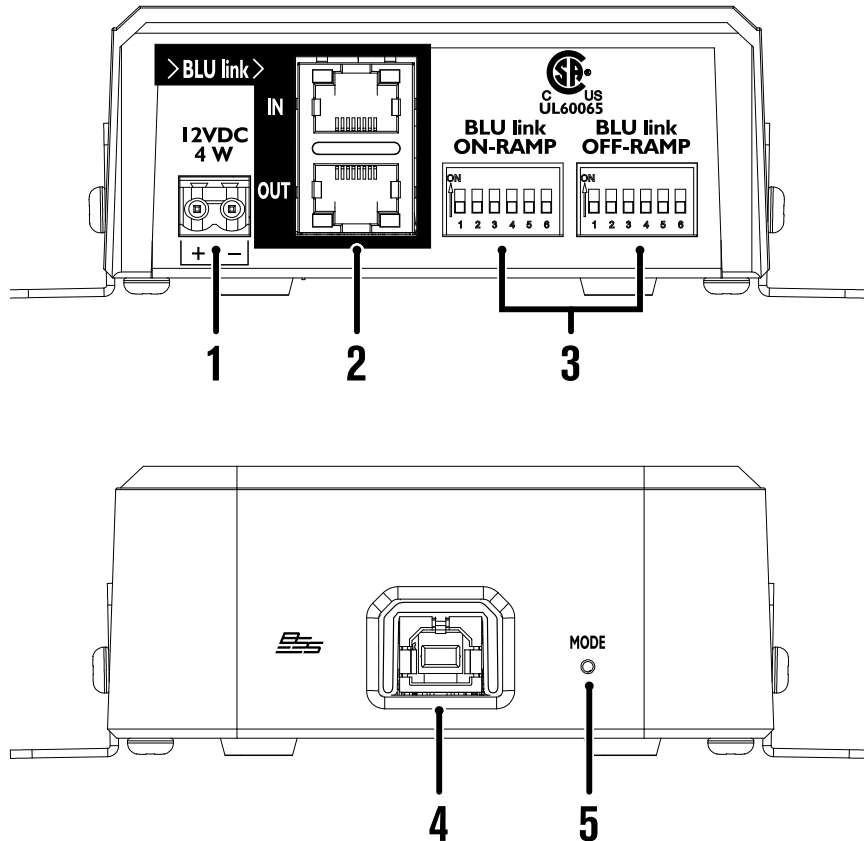
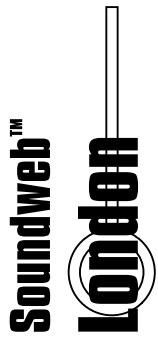
Features

- 8 x 8 USB/BLU link Bridge
- No Driver Needed when Operating at 48kHz in Class 1 (2 x 2) Mode
- BLU link Audio Bus Supports 48kHz or 96kHz/24-Bit High-Resolution Audio
- BLU link Sample Rate is Automatically Configured
- Support for Multiple BLU-USBs in a Single BLU link Network
- Low-Latency Operation
- Included Power Supply*
- Included Cable Cover for a Clean Look

*Items not included with non-power supply models.

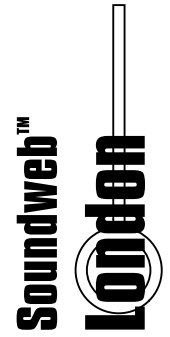


Interface Overview



- 1. Power Input**
Connect the included power supply to this input. See '**Applying Power to the BLU-USB**' on page 7 for more information.
- 2. BLU link Input/Output Ports**
Connect these RJ45 ports to another BLU link-equipped device. See '**Making Connections**' on page 8 for more information.
- 3. DIP Switches**
Use these DIP switches to assign BLU link on-ramp (from computer to BLU link) and off-ramp (from BLU link to computer) channel banks. See '**Assigning BLU link Channels with the DIP Switches**' on page 6 for more information.
- 4. USB Port**
Connect this port to the computer's USB port. See '**Selecting the USB Mode**' on page 11 for more information.
- 5. MODE Pushbutton**
This pushbutton selects between the two available USB modes: Class 1 mode (2 x 2 channels) or Class 2 mode (8 x 8 channels). See '**Selecting the USB Mode**' on page 11 for more information.





INSTALLATION

Minimum Computer Requirements

Mac®

- OS X® 10.8 or later
- Available USB 1.0 or higher port for Class 1 (2 x 2) Mode
- Available USB 2.0 high speed or higher port for Class 2 (8 x 8) Mode

PC

- Windows® 7, 8, 8.1, 10 (32-bit/64-bit)
- Available USB 1.0 or higher port for Class 1 (2 x 2) Mode
- Available USB 2.0 high speed or higher port for Class 2 (8 x 8) Mode

IMPORTANT: If using Windows 7, the Windows KB3033929 update (released March 2015) is required to use the BLU-USB in Class 2 (8 x 8) mode.

Installing the Windows Driver

The Windows driver is only necessary when (1) routing more than 2 channels to/from the Windows computer; and/or (2) operating the BLU link bus at a 96kHz sample rate.

To use the full capabilities of the BLU-USB with a Windows computer, the BLU-USB Windows driver must be installed. The Windows driver provides support for up to 8 x 8 channels of I/O between USB and BLU link, and support for a BLU link bus operating at 96kHz.

To install the Windows driver:

1. Go to <http://bssaudio.com/en-US/products/blu-usb> and download the driver.
2. Disconnect the BLU-USB from the computer if it is connected.
3. Launch the **Driver Installer** and follow the on-screen instructions.

NOTE: If using a Mac computer, the BLU-USB will use the Core Audio driver that was installed with OS X, so no additional drivers are necessary.



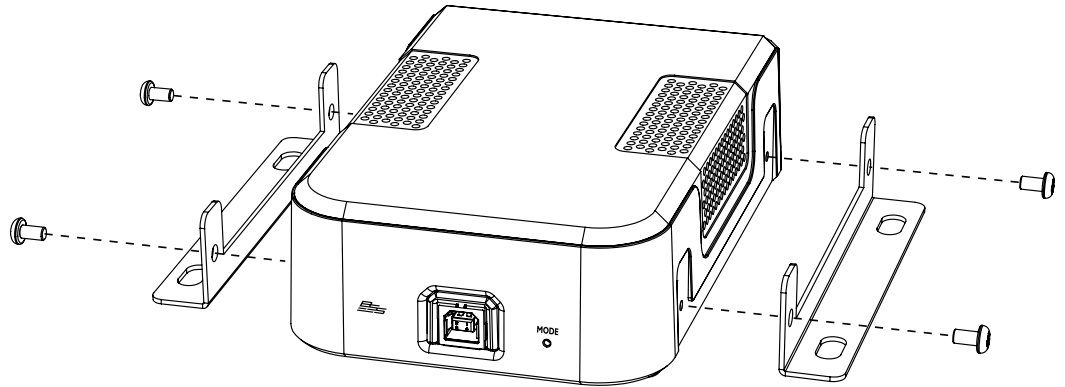
Installation

Mounting the BLU-USB

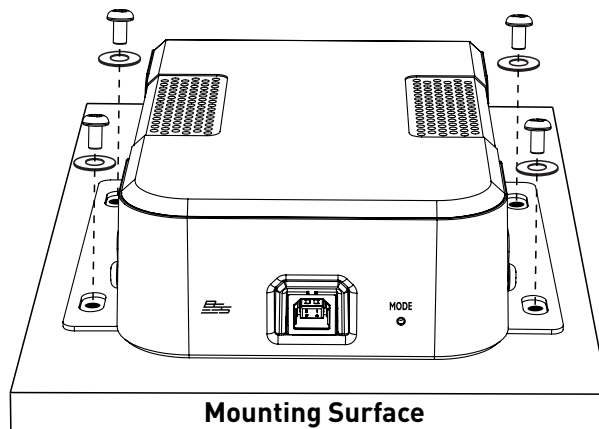
The BLU-USB comes equipped with rubber feet to prevent it from sliding when placed on a desktop or other surface. The BLU-USB can also be mounted to a surface (e.g., wall, desk, conference table, etc.) using the included mounting brackets.

To mount the BLU-USB:

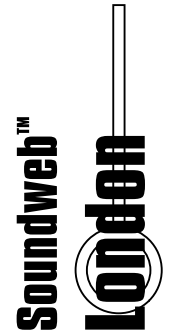
1. Mount the included brackets to the side of the BLU-USB chassis using the four included fine-threaded screws.



2. Mount the BLU-USB to the surface using the four included coarse-threaded screws and washers.



NOTE: For best results, pre-drill the holes in the mounting surface. This can be accomplished by measuring then marking the hole locations, or by placing the BLU-USB in the mounting position then marking the hole locations. Make sure to use a drill bit which is slightly smaller in diameter than the included mounting screws.



Assigning BLU link Channels with the DIP Switches

BLU link on-ramp and off-ramp channels can be assigned in banks of 8 using the DIP switches.

ON-RAMP = From computer to BLU link bus.

OFF-RAMP = From BLU link bus to computer.

The following table shows how to set the DIP switches for the desired bank of channels. This table can also be found printed on the bottom of the BLU-USB chassis.

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

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.

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.

IMPORTANT NOTE: BLU link does not support multiple devices assigned to the same on-ramp channels. When assigning the BLU-USB on-ramp channel bank, ensure that channel bank assignment is unique, and that no other BLU link devices on the bus are transmitting on the same channels.

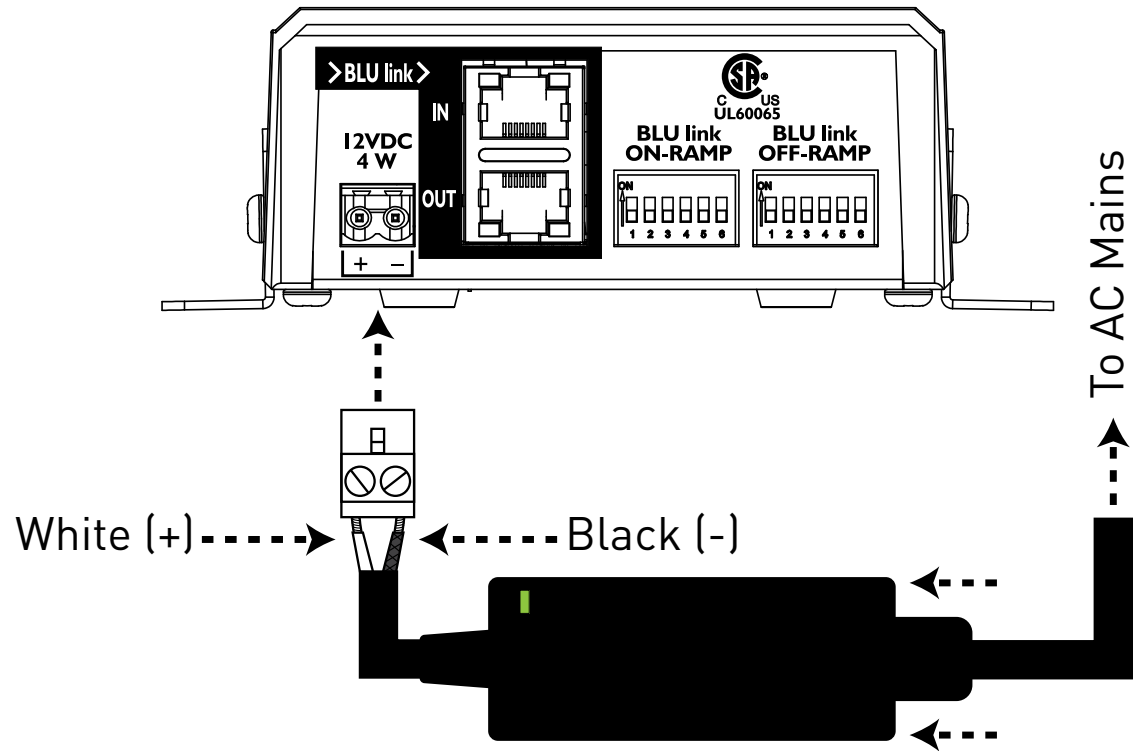


Installation

Applying Power to the BLU-USB

To apply power to the BLU-USB:

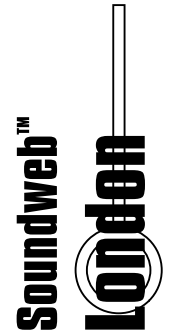
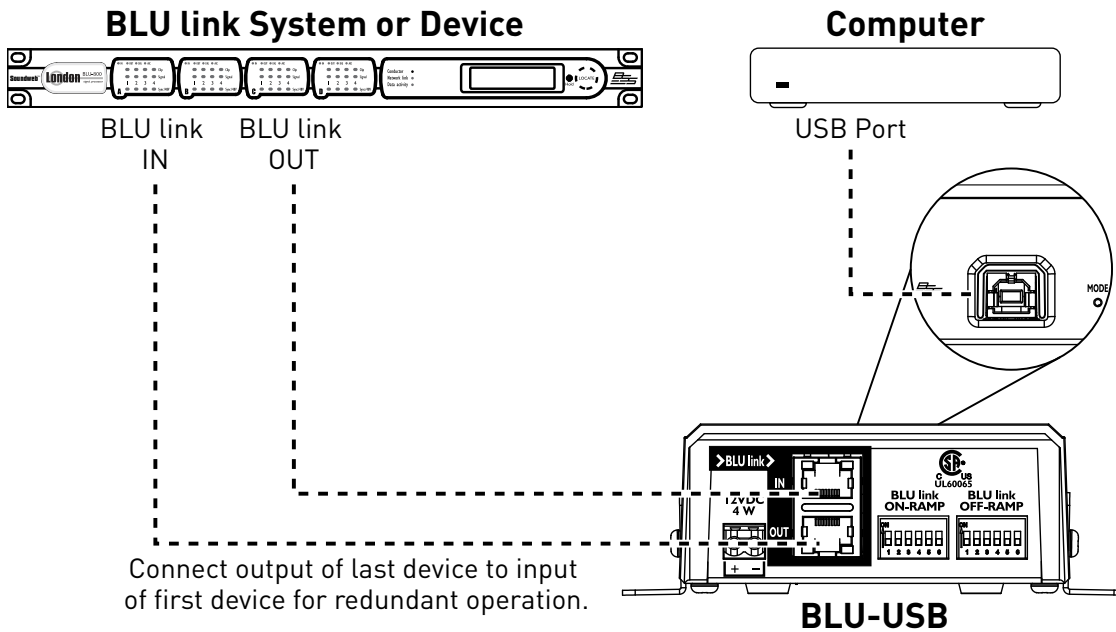
1. Connect the included power supply's 2-pin Euroblock connector to the BLU-USB's Power input.
2. Connect the included IEC power cable from the power supply to the AC mains outlet.



NOTE: The BLU-USB does not support USB bus power and must be powered using the included power supply.

Making Connections

The following diagram shows a typical application using a BLU-USB interface.



NOTE: All BLU link connections must be made using Category 5e or higher cabling. Connecting the last BLU link device in the chain back to the first device will provide redundant operation — meaning if any one BLU link cable is compromised, the BLU link bus will continue to pass audio.

NOTE: BLU link audio will not pass through an Ethernet switch or router. BLU link connections must be made directly between BLU link devices.



Installation

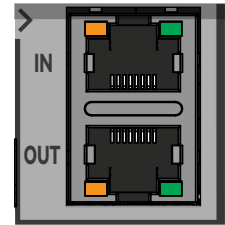
BLU link Port Status LED Descriptions

The BLU link ports have LEDs that indicate status as follows:

Both Orange LEDs On

This indicates the device is the BLU link master (meaning it's providing the clock for the entire BLU link bus).

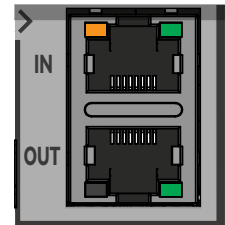
The green LEDs light to indicate the port is linked to the BLU link bus.



One Orange LED On

This indicates the device is synced to the BLU link clock received from the connected device.

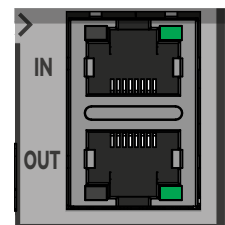
The green LEDs light to indicate the port is linked to the BLU link bus.



No Orange LEDs On

This indicates the device is not receiving BLU link clock and will not pass audio. This usually indicates the IN and OUT ports are swapped on the device (an OUT port is connected to an OUT port and an IN port is connected to an IN port). Try swapping the connections to solve the problem.

The green LEDs light to indicate the port is linked to the BLU link bus.



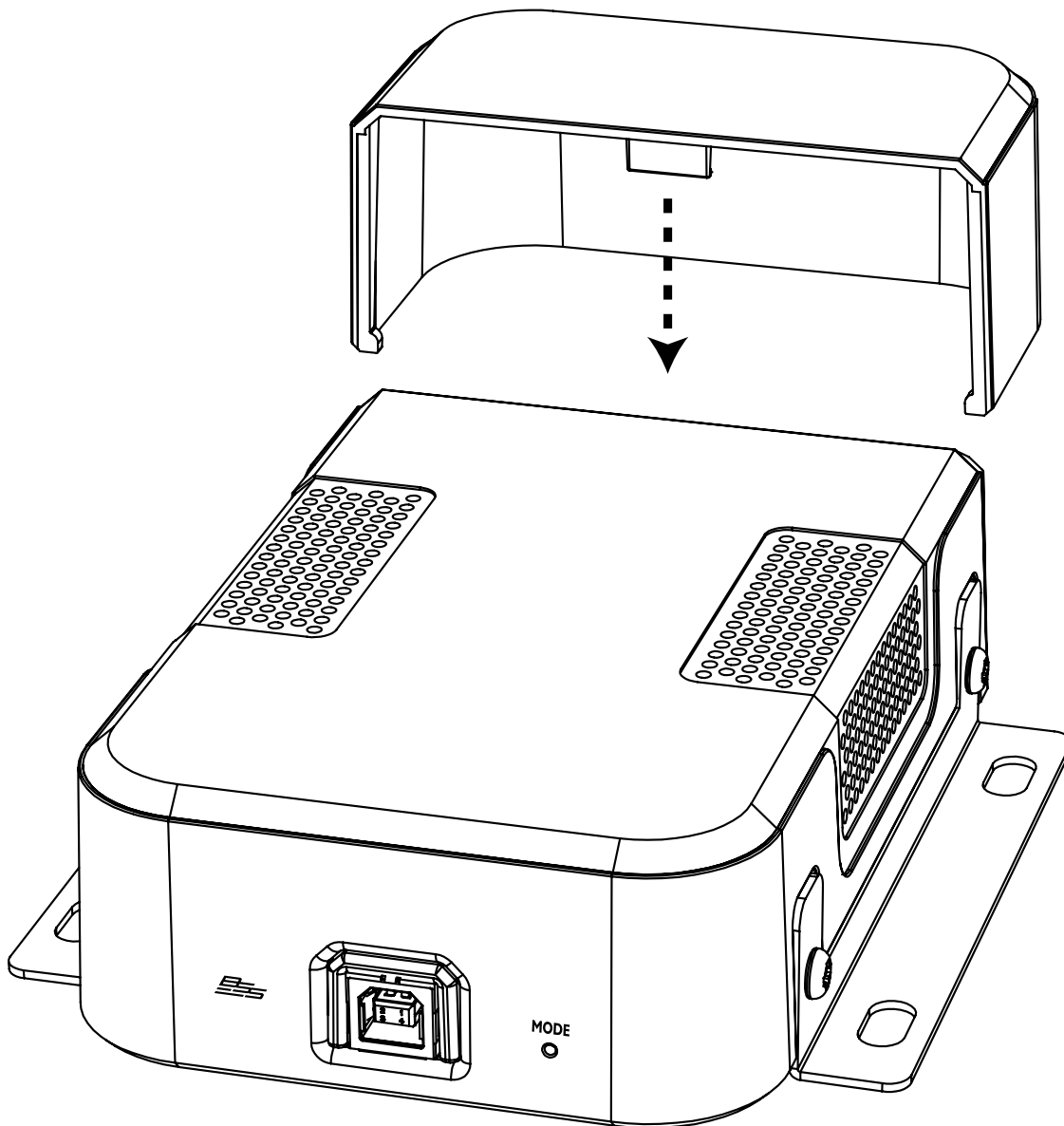
NOTE: The BLU link audio bus supports a maximum of 60 BLU link nodes.

Attaching the Cable Cover

For tabletop or desktop installation, where power and BLU link cables are routed through an access hole in the surface, use the included Cable Cover to hide the cables and access hole for a clean look.

To attach the Cable Cover:

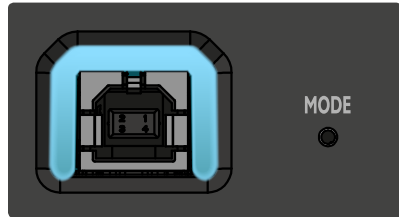
1. Line up the Cable Cover with the groove in the BLU-USB chassis and slide it until it clicks into place.



OPERATION

Selecting the USB Mode

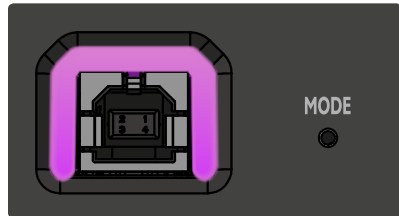
The **MODE** pushbutton, located next to the USB port, is used to select between the following two USB modes:



- **Class 1 Mode (Cyan USB Port LED)**

This is the default BLU-USB mode. This mode is USB Class 1 compliant and doesn't require any additional drivers be installed to use the BLU-USB with either a Windows or Mac computer.

This mode is limited to 2 x 2 audio channels (1 stereo pair in and out) and only supports a BLU link bus sample rate of 48kHz.



- **Class 2 Mode (Magenta USB Port LED)**

This mode is USB Class 2 compliant and requires an additional driver be installed to use the BLU-USB with a Windows computer.

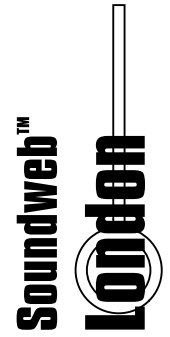
NOTE: Mac computers do not require any additional drivers and will use the Core Audio driver installed with OS X.

This mode provides 8 x 8 audio channels (4 stereo pairs in and out) and supports BLU link bus sample rates of either 48kHz or 96kHz.

To switch between modes:

1. 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). See '**Troubleshooting**' on page 19 if the BLU-USB does not properly change modes as shown above.

NOTE: The selected mode will be retained after power cycling the BLU-USB.



Clocking & Sample Rate Operation Explained

The BLU-USB will automatically detect the sample rate of the connected BLU link bus and configure its BLU link sample rate accordingly. Note that computer sample rate must still be set to match the BLU link bus for proper operation, see '**Routing Computer Audio**' on page 13.

NOTE: The BLU-USB cannot function as the clock master on a BLU link bus operating at 96kHz. To use a 96kHz BLU link bus with the BLU-USB, the BLU link bus must contain at least one BLU link-equipped device capable of being manually configured for 96kHz BLU link operation (such as a BLU-800, BLU-806, etc.). The BLU-USB can function as the clock master when operating at a 48kHz BLU link sample rate.

When using the BLU-USB, BLU link will always be the clock master and provide the clock for the USB connection. This means that any computer audio played back through USB, which has a sample rate that differs from the BLU link bus, will automatically be sample rate converted before reaching the BLU link audio bus.

NOTE: If the BLU link bus sample rate is changed during operation, some BLU link devices may not automatically switch over to the new sample rate and may stop passing audio due to the mismatch.

If such a condition occurs, it is recommended that BLU link devices be power cycled, or the BLU link connections be disconnected then reconnected so that the new sample rate can be detected.

For BLU link devices that require manual configuration of the sample rate, the sample rate must be changed in the programming to match the other BLU link devices on the bus.



Operation

Routing Computer Audio

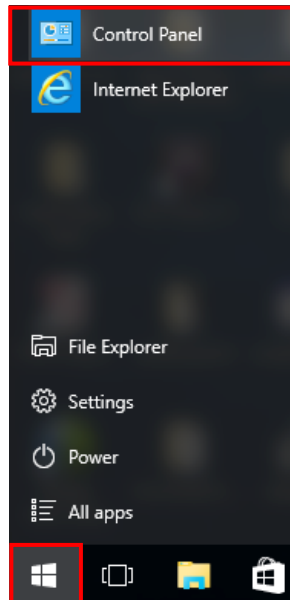
Before using the BLU-USB for the first time, you will likely need to select it as the recording and/or playback device in the computer or software application, whichever is applicable for the installation. You may also have to set the USB sample rate/bit rate settings to match the BLU link bus (either 48kHz/24-bit or 96kHz/24-bit).

If using a software application that allows independent audio routing, consult the software application's help for information on configuring audio hardware and routing. When used with multi-track recording software, the BLU-USB's USB mode should be set before selecting the BLU-USB as the software's audio hardware device, see '**Selecting the USB Mode**' on page 11.

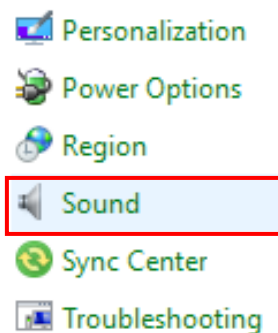
Windows Setup

To route system audio in Windows:

1. Click the **Windows Start Menu** then select the **Control Panel**.

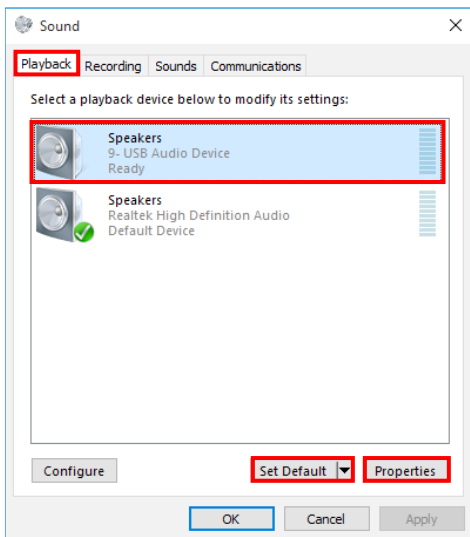


2. Click the **Sound** icon.

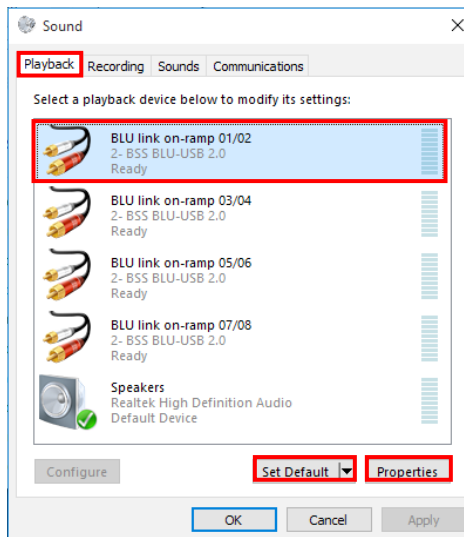


- To on-ramp signals from the computer to the BLU link bus: under the **Playback** tab, select the BLU-USB from the list then click the **Set Default** button. When the BLU-USB has been configured as the default playback device it will be indicated with a green check mark. Now click the **Properties** button.

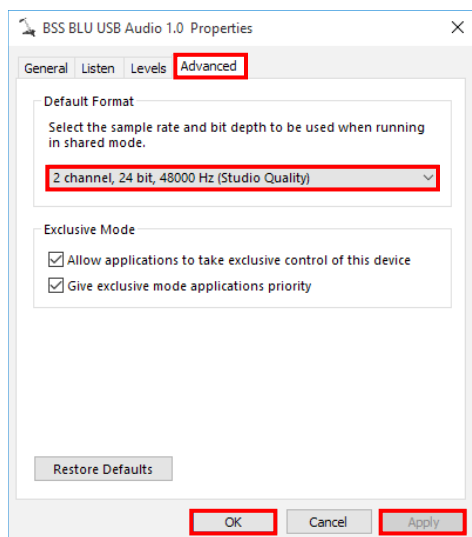
Class 1 (2 x 2) Mode



Class 2 (8 x 8) Mode



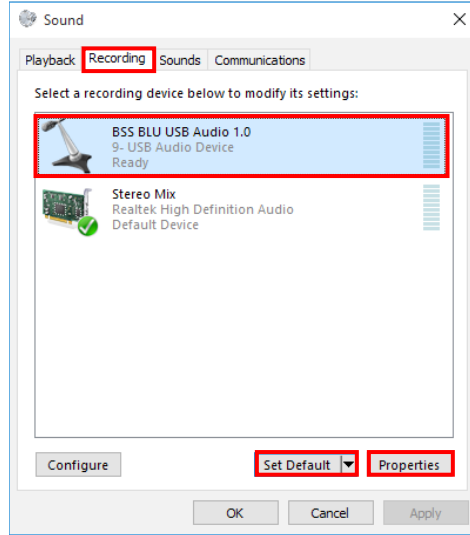
- In the Properties window, go to the **Advanced** tab then select the sample/bit rate setting which matches the BLU link bus. If using Class 1 mode, you **MUST** set the sample rate to 48000Hz. If using Class 2 mode, it is recommended to select the "24 bit" setting for best performance. When done, click **APPLY** then **OK**.



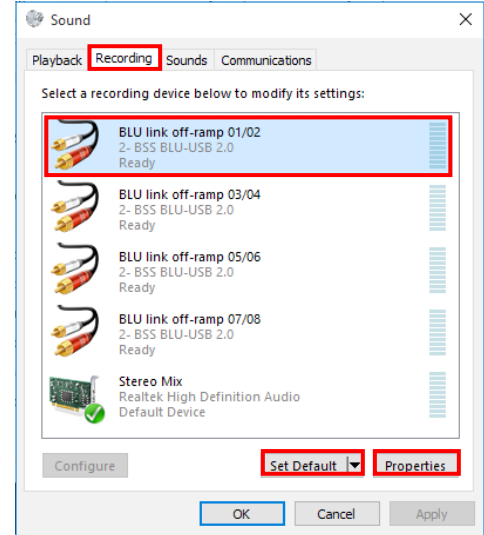
Operation

- To off-ramp signals from the BLU link bus to the computer: select the **Recording** tab, select the BLU-USB from the list, then click the **Set Default** button. When the BLU-USB has been configured as the default recording device it will be indicated with a green check mark. Now click the **Properties** button.

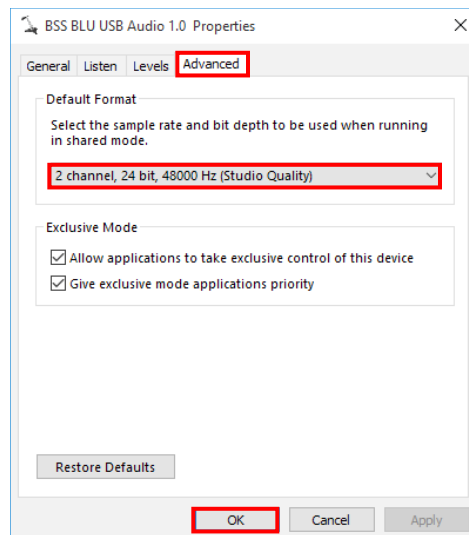
Class 1 (2 x 2) Mode



Class 2 (8 x 8) Mode



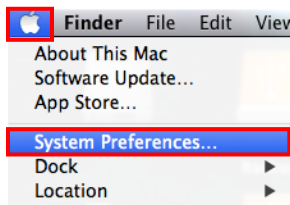
- In the Properties window, go to the **Advanced** tab then select the sample/bit rate setting which matches the BLU link bus. If using Class 1 mode, you **MUST** set the sample rate to 48000Hz. If using Class 2 mode, it is recommended to select the "24 bit" setting for best performance. When done, click **APPLY** then **OK**.



Mac Setup

To route system audio in OS X:

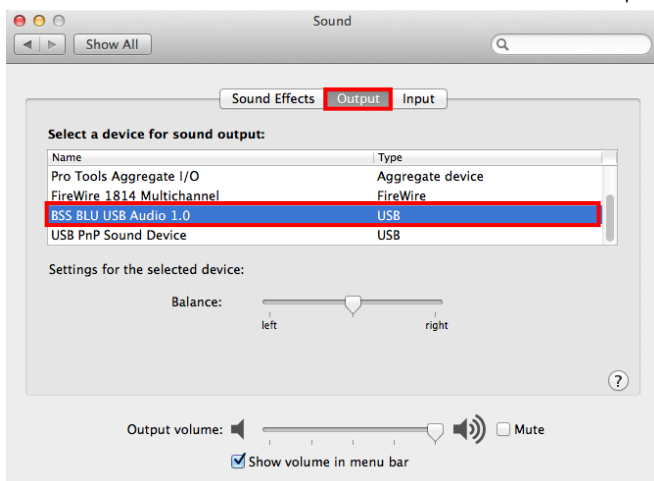
1. Click the Apple® icon then select **System Preferences**.



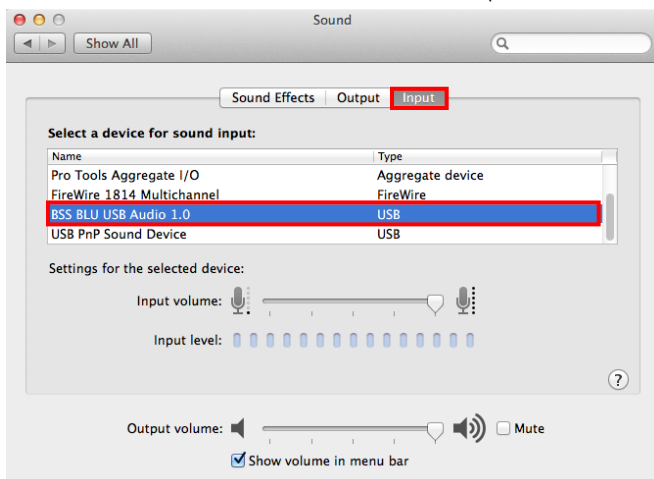
2. Click the **Sound** icon.



3. To on-ramp signals from the computer to the BLU link bus: under the **OUTPUT** tab, select the BLU-USB as the output device.

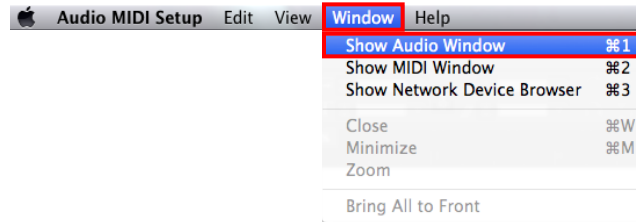


4. To off-ramp signals from BLU link to the computer: select the **Input** tab then select the BLU-USB as the input device. Close the window.

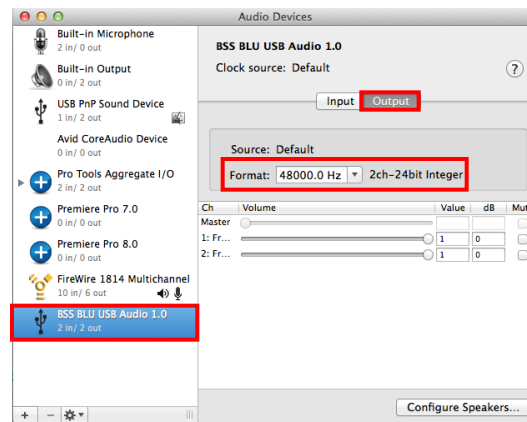


Operation

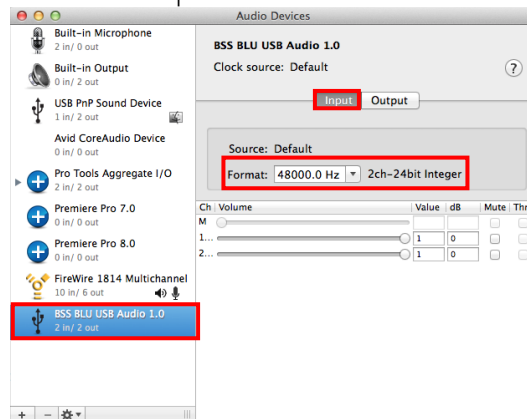
- Go to the computer's **Main Hard Drive → Applications → Utilities** and launch the **Audio MIDI Setup** application. If the Audio window doesn't appear, select **Window → Show Audio Window**.



- To on-ramp signals from the computer to the BLU link bus: select the **Output** tab, select the BLU-USB from the list, then select the sample/bit rate setting which matches the BLU link bus. If using Class 1 mode, you **MUST** set the sample rate to 48000Hz. If using Class 2 mode, it is recommended to select the "24 bit" setting for best performance.



- To off-ramp signals from the BLU link bus to the computer: select the **Input** tab, select the BLU-USB from the list, then select the sample rate setting which matches the BLU link bus. If using Class 1 mode, you **MUST** set the sample rate to 48000Hz. When done, close the window.

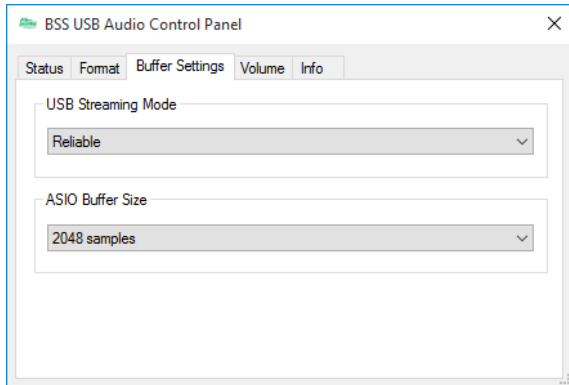


Using ASIO

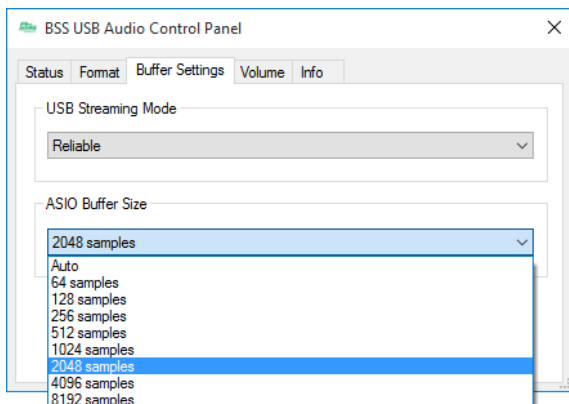
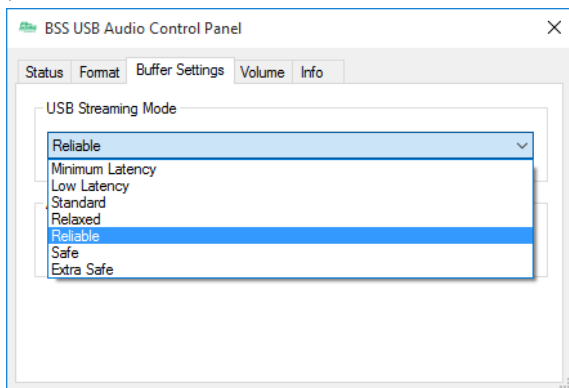
If you are using the BLU-USB's multi-channel functionality with a software program that supports ASIO, you may have to adjust the buffer and latency settings for optimal performance.

To adjust the BLU-USB's ASIO settings:

1. From the software program, locate the ASIO control panel. See the software program's help file for further information.
2. Once the ASIO control panel has been located, go to the Buffer Settings tab.

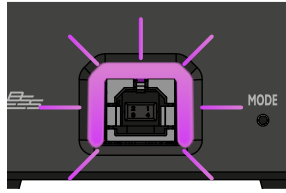


3. Try auditioning the different settings and find the USB Streaming Mode and ASIO Buffer Size settings that provide the lowest latency with stable performance.



TROUBLESHOOTING

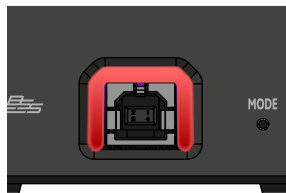
Can't Switch From Class 2 to Class 1 Mode



Issue: This indicates the BLU link bus sample rate has been changed from 96kHz to 48kHz but the BLU-USB did not detect the change and is still operating at a 96kHz sample rate, which Class 1 mode does not support.

Resolution: Power cycle the BLU-USB. This will force the BLU-USB to re-scan the BLU link bus and re-configure its sample rate accordingly. Note that other auto-sensing BLU link devices may also require a power cycle for the same reason.

Can't Switch From Class 2 to Class 1 Mode & USB LED Lights Solid Red when Pressing the MODE Pushbutton

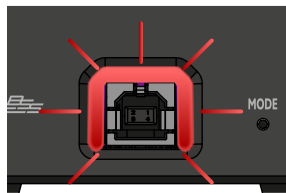


Issue: This indicates the BLU link bus is operating at a 96kHz sample rate, and the BLU-USB cannot be switched to Class 1 mode because that mode does not support 96kHz.

Resolution: Change the master BLU link device to operate at a 48kHz BLU link bus sample rate. All BLU link devices which require manual sample rate configuration must also be re-programmed to match.

Once the manually-configured BLU link devices have been re-configured, any auto-sensing BLU link devices that have not automatically updated to the new sample rate, including the BLU-USB, should be power cycled so they can detect the new BLU link sample rate and re-configure themselves accordingly.

USB LED Flashing Red

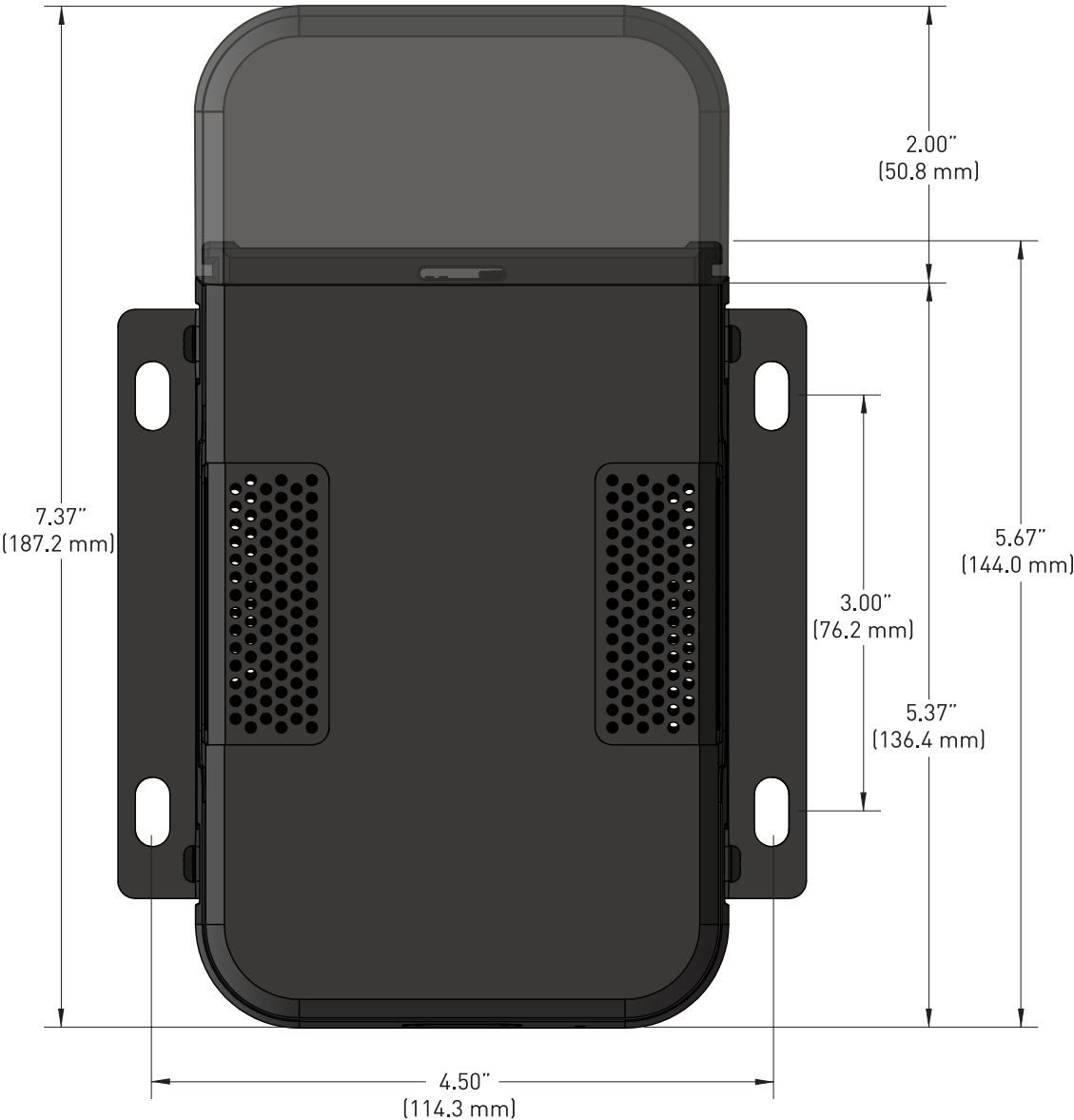
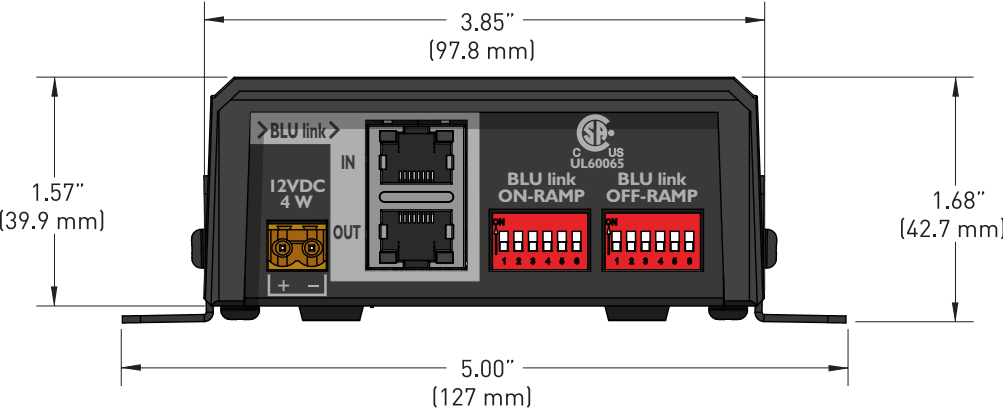


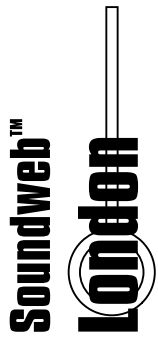
Issue: This indicates the BLU link bus is operating at a 96kHz sample rate and the BLU-USB is set to Class 1 mode, which does not support a 96kHz sample rate.

Resolution: Either switch the BLU link sample rate to 48kHz in the master BLU link device (then power cycle the BLU-USB if the problem persists) or switch the BLU-USB to Class 2 mode (see '**Selecting the USB Mode**' on page 11 for instructions on switching modes).

NOTE: If you just changed the BLU link sample rate from 96kHz to 48kHz, make sure to wait for the BLU-USB to detect the change before trying to switch to Class 1 mode. If it still won't change, try power cycling the BLU-USB to force it to re-detect the new BLU link sample rate.

DIMENSIONS





Specifications

SPECIFICATIONS

COMPUTER AUDIO PLAYBACK

Supported Sound File Sample Rates:	8kHz–192kHz
Supported Sound File Bit Depths:	16-bit, 24-bit (24-bit recommended for best performance)
Supported Drivers:	Windows: WDM, ASIO Mac: Core Audio

BLU LINK BUS

Supported Sample Rates:	48kHz, 96kHz (compatible with Class 2 USB mode only)
Connectors:	2 x RJ45 Ethernet connector
Maximum Cable Length:	100m/328ft on Category 5e cable between devices
Pass-Through Latency:	4/Fs [0.08ms at 48kHz, 0.04ms at 96kHz]
Maximum Nodes:	60

POWER/TEMPERATURE

Mains Voltage:	100-240V AC, 50/60Hz
Power Consumption:	4 Watts
Operating Temperature Range:	5 [41] to 35 [95] degrees C [degrees F]

PHYSICAL

Weight:	1 lb. 0.45 kg
Dimensions:	3.85" (W) x 1.57" (H) x 5.67" (D) 97.8 mm (W) x 39.9 mm (H) x 144.0 mm (D)





Phone: (801) 566-8800

Website: bssaudio.com

Support: bssaudio.com/en-US/support

Soundweb London BLU-USB
Installation Guide

PN: 5078115-A

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