

BSS BLU-8-V2-WHT

BSS BLU-8-V2-WHT HiQnet Programmable Zone Controller User Manual

Model: BLU-8-V2-WHT | Brand: BSS

1. INTRODUCTION

The BSS BLU-8-V2-WHT is a sophisticated HiQnet compatible programmable zone controller designed for integrated audio-visual systems. It offers flexible control capabilities, managing a single zone, four zones, or up to eight zones depending on the configured mode of operation. Its intuitive control surface and clear visual feedback are engineered to allow non-technical users to confidently make adjustments within an AV system.

This manual provides essential information for the proper installation, operation, and maintenance of your BLU-8-V2-WHT controller, ensuring optimal performance and longevity.

2. PRODUCT OVERVIEW AND FEATURES

The BLU-8v2 represents an evolution from the original BLU-8, maintaining its user-friendly interface and aesthetic while incorporating significant hardware enhancements. This revised design aligns the BLU-8v2 more closely with the robust architecture of rack-mount Soundweb London devices, leading to substantial improvements in networking functionality and overall system integration.

Key features include:

- HiQnet compatibility for seamless integration into larger audio networks.
- Programmable control for single, four, or eight zone configurations.
- Intuitive control surface with rotary encoders and push-buttons.
- Informative visual feedback via LED indicators and a level meter.
- Enhanced networking capabilities due to upgraded internal hardware.

3. SETUP AND INSTALLATION

3.1 Unpacking

Carefully remove the BLU-8-V2-WHT controller from its packaging. Inspect the unit for any signs of damage

during transit. Retain the original packaging for future storage or shipping.

3.2 Mounting

The BLU-8-V2-WHT is designed for wall-mounting or integration into standard electrical boxes. Ensure the mounting surface is stable and provides adequate support. Follow local electrical codes and safety guidelines during installation. Connect all necessary wiring (e.g., Ethernet for HiQnet, power) before securing the unit completely.

3.3 System Connection

Connect the BLU-8-V2-WHT to your HiQnet audio system via a standard Ethernet cable. The controller receives power over Ethernet (PoE) or via an external power supply (if applicable and not using PoE). Refer to your overall system design and the HiQnet system documentation for specific network configuration requirements.

4. OPERATING INSTRUCTIONS

The BLU-8-V2-WHT features a straightforward control layout for easy operation. The specific functions of the controls are configured within the HiQnet system software, but the general operation remains consistent.



Figure 1: BLU-8-V2-WHT Front Panel

The image displays the front panel of the BSS BLU-8-V2-WHT HiQnet Programmable Zone Controller in white. The panel features two prominent rotary encoders, four circular push-buttons labeled '1' through '4', and a 'LOCATE' button. To the right of the right rotary encoder, there is a vertical column of multi-colored LEDs, serving as a level meter. The left rotary encoder is surrounded by several horizontal indicator bars, suggesting its use for source or zone selection. The overall design is clean and functional, with visible mounting screws in each corner.

4.1 Control Elements

- **Left Rotary Encoder:** Typically used for selecting audio sources, zones, or presets. Rotate clockwise to increase selection (e.g., next source), counter-clockwise to decrease. Pressing the knob may activate or confirm a selection.
- **Right Rotary Encoder:** Primarily functions as a volume or level control for the selected zone or source. Rotate clockwise to increase volume, counter-clockwise to decrease. Pressing the knob may mute/unmute the audio.
- **Numbered Push-Buttons (1-4):** These buttons are programmable and can be assigned various functions such as recalling specific presets, activating/deactivating zones, or triggering custom commands within the HiQnet system.

- **LOCATE Button:** When pressed, this button typically sends a signal to the connected HiQnet system to identify the physical location of the BLU-8-V2-WHT controller, useful for large installations.
- **LED Level Meter:** Provides visual feedback on the audio output level of the controlled zone. Green LEDs indicate normal levels, yellow indicates approaching peak, and red indicates clipping or excessive levels.

4.2 Basic Operation

1. **Selecting a Source/Zone:** Use the *Left Rotary Encoder* to cycle through available sources or zones. The horizontal indicator bars may illuminate to show the active selection.
2. **Adjusting Volume:** Use the *Right Rotary Encoder* to adjust the volume. Observe the *LED Level Meter* to ensure levels are not clipping (red LEDs).
3. **Recalling Presets/Functions:** Press the *Numbered Push-Buttons (1-4)* to activate their assigned functions.
4. **Identifying the Unit:** If needed, press the *LOCATE* button to identify the controller within the HiQnet system.

For advanced configurations and specific function assignments, refer to the HiQnet system software documentation and your system integrator.

5. MAINTENANCE

The BSS BLU-8-V2-WHT is designed for reliable operation with minimal maintenance. Regular cleaning and proper environmental conditions will ensure its longevity.

- **Cleaning:** Use a soft, dry, lint-free cloth to wipe the surface of the controller. For stubborn marks, a slightly damp cloth with mild soap can be used, followed by a dry cloth. Do not use abrasive cleaners, solvents, or strong chemicals, as these can damage the finish and internal components.
- **Environment:** Ensure the controller is installed in a location free from excessive dust, moisture, extreme temperatures, and direct sunlight. Avoid placing it near heat sources or in areas with poor ventilation.
- **Firmware Updates:** Periodically check the BSS Audio website for any available firmware updates for the BLU-8-V2-WHT. Firmware updates can provide performance enhancements, new features, or bug fixes. Follow the instructions provided with the update carefully.

6. TROUBLESHOOTING

If you encounter issues with your BLU-8-V2-WHT controller, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Unit is unresponsive / No power	No PoE connection; Faulty Ethernet cable; Network switch issue; External power supply (if used) not connected or faulty.	Verify Ethernet cable connection and integrity. Ensure PoE is active on the network port. Check external power supply if not using PoE. Power cycle the network switch.
Controls have no effect on audio	Incorrect HiQnet configuration; Network communication issue; Controller not assigned to correct zone/device.	Verify network connection. Check HiQnet system software to ensure the BLU-8-V2-WHT is properly configured and linked to the desired audio parameters. Consult your system administrator.

Problem	Possible Cause	Solution
LEDs are not illuminating correctly	Unit not powered; Firmware issue; Hardware malfunction.	Check power. Attempt a firmware update if available. If the problem persists, contact BSS Audio support.

If the issue persists after attempting these steps, please contact BSS Audio technical support or your authorized dealer for further assistance. Provide them with the model number (BLU-8-V2-WHT) and a detailed description of the problem.

7. SPECIFICATIONS

- **Model:** BLU-8-V2-WHT
- **Brand:** BSS
- **Product Dimensions:** 9 x 6 x 6 inches (22.86 x 15.24 x 15.24 cm)
- **Item Weight:** 1.45 pounds (0.66 kg)
- **Compatibility:** HiQnet System
- **Control Type:** Programmable Zone Controller
- **Color:** White
- **Power:** Power over Ethernet (PoE) or external power supply (details depend on system configuration)

8. WARRANTY AND SUPPORT

BSS Audio products are manufactured to the highest quality standards and are backed by a limited warranty. The specific terms and duration of the warranty may vary by region and product. Please refer to the warranty card included with your product or visit the official BSS Audio website for detailed warranty information.

For technical support, service, or warranty claims, please contact your authorized BSS Audio dealer or distributor. You can also find support resources, FAQs, and contact information on the official BSS Audio website.

When contacting support, please have your product model number (BLU-8-V2-WHT) and serial number readily available.

 <p>DCP-555 Third party API documentation v1.7</p>	<p>BSS DCP-555 Third Party API Documentation v1.7</p> <p>This document provides third-party API documentation for the BSS DCP-555 Digital Conferencing Processor with VoIP, detailing commands, parameters, and examples for developers integrating with the device.</p>
	<p>BSS Spool of White Thread - Product Information</p> <p>Detailed product information for BSS white thread, including a visual description of the product and its identification.</p>
 <p>Soundweb London BLU-800/BLU-805/BLU-806/BLU-320/ BLU-325/BLU-326/BLU-160/BLU-120 Installation Guide</p>	<p>Soundweb London BLU Series Installation Guide by BSS Audio</p> <p>Comprehensive installation guide for BSS Audio's Soundweb London BLU series audio processors, including models BLU-800, BLU-805, BLU-806, BLU-320, BLU-325, BLU-326, BLU-160, and BLU-120. Covers safety instructions, technical specifications, connectivity, and front/rear panel details.</p>
 <p>Soundweb London BLU-800/BLU-805/BLU-806/BLU-806DA/BLU-320/ BLU-325/BLU-326/BLU-326DA/BLU-160/BLU-120 Installation Guide</p>	<p>BSS Soundweb London Installation Guide</p> <p>This document provides comprehensive installation instructions for the BSS Soundweb London series of audio processors, including models BLU-800, BLU-805, BLU-806, BLU-806DA, BLU-320, BLU-325, BLU-326, BLU-326DA, BLU-160, and BLU-120. It covers essential safety information, front and rear panel descriptions, connectivity options like CobraNet, AVB, and Dante, control inputs, logic outputs, and detailed technical specifications.</p>
 <p>Strand GeniusPro & Lightpalette Operator's Manual Release Notes</p>	<p>Strand Lighting GeniusPro & Lightpalette Software Release Notes v2.8.6</p> <p>Detailed release notes for Strand Lighting's GeniusPro & Lightpalette software, covering versions v2.8.6 down to v2.7.7, highlighting new features, bug fixes, and software updates for lighting control consoles.</p>
 <p>Soundweb London BLU-102 Installation Guide</p>	<p>BSS Soundweb London BLU-102 Installation Guide</p> <p>Installation guide for the BSS Soundweb London BLU-102 digital audio processor, covering safety, setup, wiring, and technical specifications for professional audio applications.</p>