

# soundweb™ CONTRIO™



## EC-4B ethernet controller with 4 buttons



### Overview

The Soundweb Contrio EC-4B is an Ethernet wall controller for use in HARMAN HiQnet™ systems. The EC-4B can control and monitor parameters within BSS Audio Soundweb London™ and other HiQnet devices, including Crown DriveCore™ Install Series amplifiers. The EC-4B is available in black or white, and in single-gang US decora or single-gang EU form factor. The EC-4B contains a single Ethernet port for configuration, control, monitoring, and power via PoE. The EC-4B is configured via simple drag-and-drop operations within the software application HiQnet Audio Architect™.

The EC-4B contains four buttons and one LCD screen. The buttons and LCD screen are multicolor backlit, capable of eight different colors with adjustable intensity.

The four buttons can be pressed for binary parameter control (e.g. mute), preset recall, or source selection.

### Key Features

- Ethernet wall controller
- Compatible with Soundweb London, Crown DCi, and other HiQnet devices
- Available in black or white
- Available in US decora or EU version
- Single-gang size
- PoE (Power Over Ethernet)

The LCD screen has a screen resolution of 64 x 128 pixels, and can display custom text and graphics.

The EC-4B supports 'sleep' functionality. After a specified amount of time with no user input, the EC-4B can turn off all LEDs. This is useful to avoid distraction in a dimly lit environment. Any user interaction will 'wake up' the controller.

The EC-4B can be remotely locked and unlocked via other control systems. The EC-4B can be locally unlocked via a four-digit PIN entry on the buttons.

- Configured within Audio Architect via drag-and-drop
- 4 programmable buttons (multicolored)
- 1 programmable 64 x 128 pixel LCD (multicolored)
- Sleep function
- Security:
  - remote lock/unlock
  - local unlock via PIN entry



### Simple & Affordable Cabling

The EC-4B is an Ethernet device, powered via PoE (Power over Ethernet). This means that power and control is passed over a single connected Cat 5e cable.



### HiQnet Compatibility

In addition to being able to control Soundweb London parameters, the EC-4B is able to control other HiQnet devices, including the Crown DriveCore Install Series amplifiers.



### Sleep Function

After a specified amount of time with no user input, the EC-4B can turn off all LEDs. This is useful to avoid distraction in a dimly lit environment. Any user interaction will 'wake up' the controller.



### Multicolored Feedback

The EC-4B has 4 multi-colored buttons, 4 corresponding multicolored screen positions and a multicolored encoder ring. 8 unique colors (red, yellow, green, cyan, blue, magenta, white and amber) can be used to signify different zones and their associated parameters. The maximum intensity of the LEDs can be adjusted to suit ambient light levels.



### Lockout Function

The EC-4B can be locked during the Sleep Function or at any other time. A 4-digit PIN must be entered in order to unlock the controller.



### Buttons

A dimly illuminated button indicates an available source, preset or parameter. A brightly illuminated button indicates a currently selected source, preset or parameter. Sources, presets and parameters are represented in the appropriate zone color.

### Color Options

The EC-4B is available in black or white to fit elegantly within its surroundings.

### Shape Options

The EC-4B is available in single-gang decora or single-gang EU shapes.



US Decora



EU Version

#### Technical Specifications

Maximum network cable length	328 feet (100 meters)
Power consumption	300mA max at 48VDC
Recommended Ethernet cable wiring	VW-1 Rated, 48VDC, 13W