BLU-CC2 Remote Control

The BLU-CC2 is a 3-input (3-mic or 2-mic & 1-transformer balanced stereo to mono line input) remote control for *BSS Audio London Series Digital Signal Processors*. It is housed in a 3-gang wall mountable box with a latching door. On the backside of the control, there is a pair of RJ-45 Cat5e connectors for connecting the BLU-CC2 to the DSP, and a 3-pin Euro-block for the audio signal from either Mic 3 or the Aux Inputs (RCA or 3.5mm) to the DSP.

BLU-CC Wiring Instructions

IMPORTANT: CAT5e wiring for the RJ-45 connector needs to be crimped to TIA/EIA 568B Standards (see below) on both ends of the cable. **You must crimp and test the wiring with an approved CAT5 568A/B tester before connecting any cable between the BLU-CC and either a BLU-CIF or BLU-IF Interface unit.** Failure to crimp wiring to the correct standard could possibly lead to component damage.

EIA/TIA568B
1. White-Orange
2. Orange
3. White-Green
4. Blue
5. White-Blue
6. Green
7. White-Brown
8. Brown

In addition to adding a 3.5mm stereo jack to the AUX Inputs section of the BLU-CC2, there is a switch on the upper back of the board for setting up the BLU-CC2 in either Mode 1 for a system using a new BLU-CIF/BLU-CIF2, or Mode 2 for a system using an old BLU-CIF.
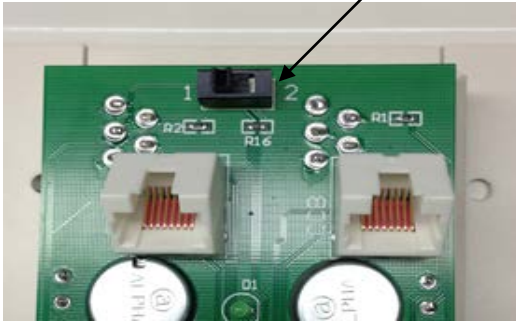
-**IMPORTANT**-
Setting up a BLU-CC2 in Mode 1 in conjunction with a new BLU-CIF or BLU-CIF2 requires a new template, which is available from BSS Audio.

MODE 1 PIN OUTS

1   8
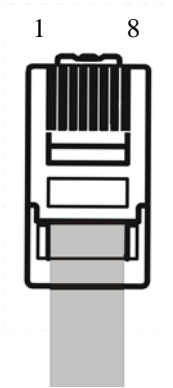
(Key on bottom)

CC1 RJ-45 Pin outs (has LED indicator)
1. Source (Logic Input)
2. Volume 1 (Logic Input)
3. Ref Voltage (+4.3V)
4. Not Used
5. VCC
6. Power Enable
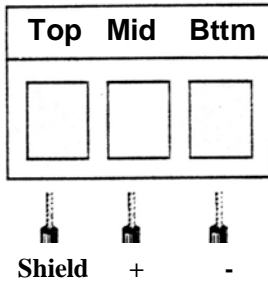7. SIG GND (C)
8. PWR GND (C)

Backside of BLU-CC

CC2 RJ-45 Pin outs
1. Volume 2 (Logic Input)
2. Volume 3 (Logic Input)
3. Ref Voltage (+4.3V)
4. reserved for Mode 2
5. Not Used
6. reserved for Mode 2
7. SIG GND
8. PWR GND

Mic 3/Aux Output Connector (see next page)

Top Mid Bttm

Shield + -

Mic 3/Aux Output Pin outs (3-Pin Euro Block)
Top = Shield
Middle = +
Bottom = -

There is a green LED located on the backside of the BLU-CC. If you have installed the power correctly on CC1, the green LED will light up. **The presence of this LED does not replace the required CAT5 568A/B testing prior to connecting the cables.**

Using the BLU-CC2 with older BLU-CIF systems

When setting up the BLU-CC2 for a system that uses an older version of the BLU-CIF and the old BSS template, move the slide switch to Mode 2. The wiring on the BLU-CC2 side remains the same as Mode 1, but the following wiring changes need to be made on the BLU-CIF board.

CC2
CCA
1
2
3
4
5
6
7
8

CIF
CCA
1 PWR BTN INPUT 5
2 VOL 1 INPUT 7
3 +REF
4
5 N/A
6 LED OUT 3
7 GND
8 GND

CCB
1
2
3
4
5
6
7
8

CCB
1 MAN BTN INPUT 6
2 VOL 2 INPUT 8
3
4
5 VOLUME 3 INPUT 9
6
7 GND
8 GND

Remote
1 +REF (Buffered)
2 PWR BTN INPUT 5
3 MAN BTN INPUT 6
4
5
6
7
8

INTERNAL CONNECTIONS