



## BLU-SV8T Source Selector/Volume Control



The BLU-SV8T is a source selector/volume control for *BSS Audio London Series Digital Signal Processors*. It is built on a dual gang panel for mounting in a dual gang electrical box. The front side of the control has 8 lighted momentary pushbutton switches for selecting audio, and a pot for adjusting the volume of

the audio signal. On the backside of the control is a single RJ-45 Cat5e jack for connecting the BLU-SV8 to the DSP via the BLU-CIF or BLU-CIF2 SV ports. The BLU-SV8T installs in the tech room.

### BLU-SV8 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-SV8 and either a BLU-CIF or BLU-CIF2 Interface unit.** Failure to crimp wiring to the correct standard could possibly lead to component damage.

#### EIA/TIA568B

- |                 |                |
|-----------------|----------------|
| 1. White-Orange | 5. White-Blue  |
| 2. Orange       | 6. Green       |
| 3. White-Green  | 7. White-Brown |
| 4. Blue         | 8. Brown       |



### **BLU-SV8T RJ-45 Pinouts**

1. Source (Logic Input)
2. Volume (Logic Input)
3. VRef
4. Not Used
5. VCC (+5V)
6. Not Used
7. GND (C)
8. GND (C)

**Note:** To complete the BLU-SV8 set-up, a change needs to be made inside the BSS London Architect software. Be aware that applications may vary in each installation based on the template being used. If the audio side defines the source, then navigate to the audio tab and select the DSP being used. Right click on the desired SV to be converted to an SV8. Select properties, then change the number of channels to 8 with “allows none” enabled. If the logic tab defines the source, then change the logic value source from 5 to 9. Contact BSS Audio if additional support is needed.