

Creative System Group, Inc. CHOIBOX Series.

CSG8g

Model # CSB8g Clock Audio mute button interface box.

Global logic control box.

Overview

CSB8g is designed for make easy interface and simple field installation to use ClockAudio electronic captive touch switch series.

Compatible with ClockAudio TS001, CS-S, CH32 series.

CSB8g provide discrete port for ClearOne product line or Polycom product line. Just use DB25 pin M to F extension cable to install.

Up to 8 switches can be connect with one CSB8g.

CSB8g is expandable with daisy chain multiple CSB8g unit through Biamp terminal port.

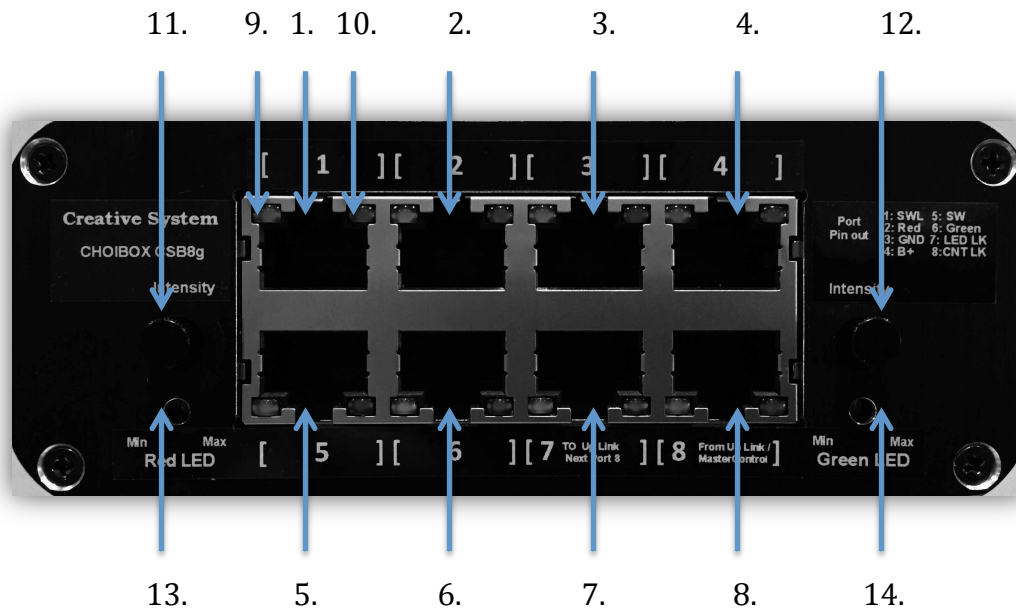
CSB8G is global control unit witch is single chanel logic input and output can interfacing mulipul buttons.

Remote pin will control enable or disable entire button switch also button color indicator will turn off.

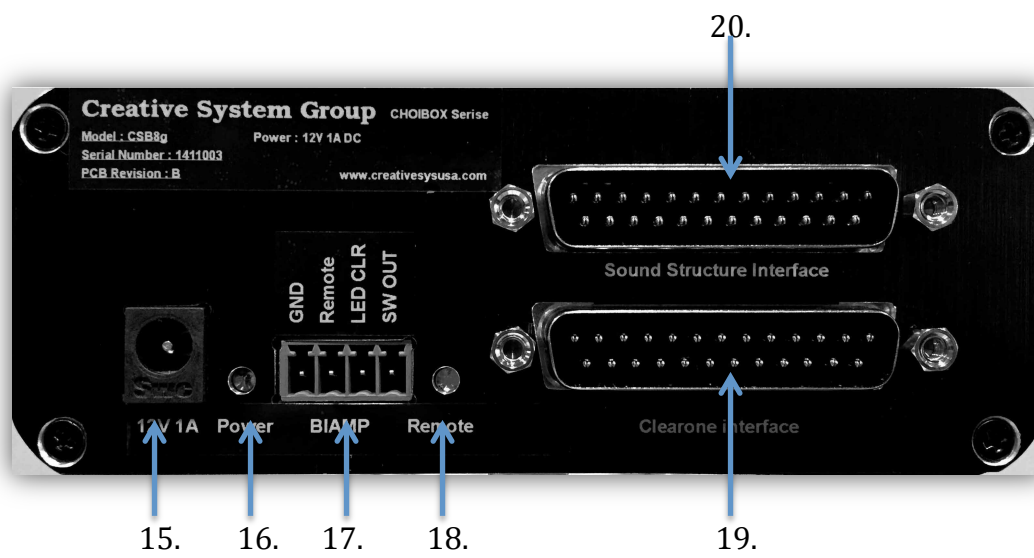
CSB8g can control button color Intensity with PWM technology.

Panel Diagrams

----- Front Panel



----- Rear Panel



Panel descriptions.

1. Mute button and indicator port #1.
2. Mute button and indicator port #2.
3. Mute button and indicator port #3.
4. Mute button and indicator port #4.
5. Mute button and indicator port #5.
6. Mute button and indicator port #6.
7. Mute button and indicator port #7.
8. Mute button and indicator port #8.
9. Button press status yellow LED.
10. Button indicator color status green LED.
11. Red indicator intensity control knob.
12. Green indicator intensity control knob.
13. Red LED indicator intensity.
14. Green LED indicator intensity.
15. Power connection.
16. Power status blue LED.
17. BIAMP or other product line logic input, output and Remote connection.
18. Remote status white LED.
19. Clearone product line logic input and output connection.
20. Polycom product line logic input and output connection.

1~8. RJ45 terminal pinout.

RJ45 pin number	Function
1	Future use
2	Red LED
3	GND
4	+12V
5	Switch Logic Control
6	Green LED
7	Future use
8	Future use

9. Each button switch press will indicate correspond yellow LED

15. 12Volt 1A 2.3mm center positive regulated power supply only.

17. BIAMP or other product line logic input and output connection pinout.

1. **GND.** (Signal ground)
2. **Remote.** (Enable or disable button switch and color indicator function. Input logic.)
3. **LED CTRL.** (Button indicator color control. Open -> Red, GND -> Green. Input logic.)
4. **SW OUT.** (Normally open. SWITCH pressed -> logic Low or GND. Output logic.)

18. White LED will lit up when logic state change to Low(GND) on Biamp terminal pin 2

19. Clearone product line logic input and output connection pinout.

DB25 M

1. Pin 1. - **SW OUT.** (Normally open. SWITCH pressed -> logic Low or GND. Output logic.)
2. Pin 2. - **LED CTRL.** (Button indicator color control. Open -> Red, GND -> Green. Input logic.)
3. Pin 25. - **GND.** (Signal ground)

20. Polycom product line logic input and output connection.

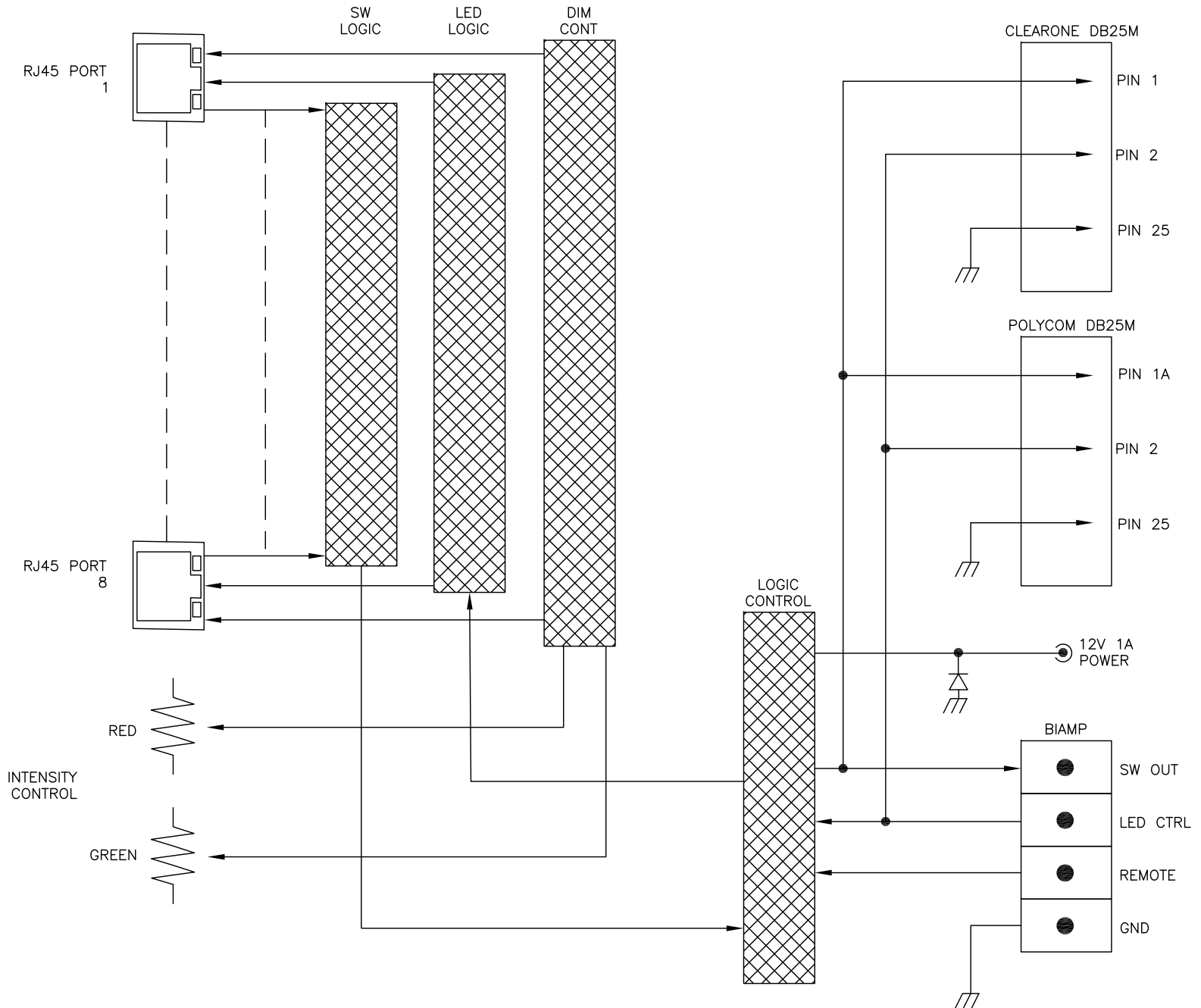
DB25 M

1. Pin 2. - **LED CTRL.** (Button indicator color control. Open -> Red, GND -> Green. Input logic.)
2. Pin 14. - **SW OUT.** (Normally open. SWITCH pressed -> logic Low or GND. Output logic.)
3. Pin 25. - **GND.** (Signal ground)

*** Note.

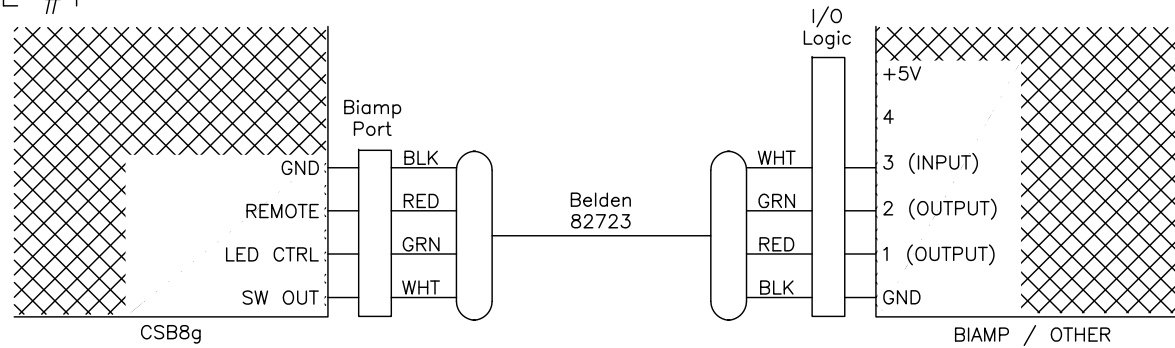
17 terminal pin1 and pin2 must put jumper or logic controlled by other control system.

CREATIVE SYSTEM CHOIBOX SERIES CSB8g BLOCK DIAGRAM

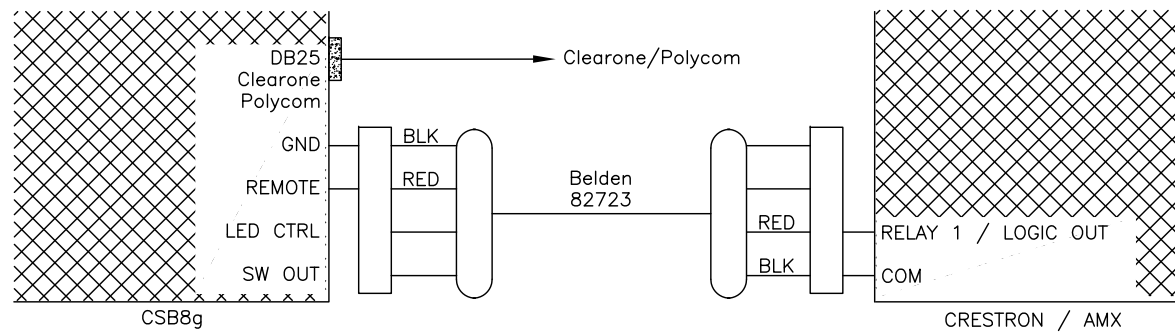


CREATIVE SYSTEM CHOIBOX SERIES CSB8g EXAMPLE WIRING

CASE #1



CASE #2



Specifications.

Technical Specifications.

Dimensions

- 4.75" W x 3.33" L x 1.8" H

Weight

- .3 lbs. dry

Connectors

- RJ45
- 2.3mm power plug
- Control Biamp interface : Mini 3.5mm quick connect terminal block
- Control ClearOne, Polycom : DB25M

Power

- 12V 1A Wall plug switching power supply

Thermal

- Operating temperature 0 ~40 'C (104'F)

Input Logic

- TTL Logic Level, H -> Open, L -> GND.

Output Logic

- Open collector. Sink 200mA Max.

Technical support.

Please contact: kevchoi@creativesysusa.com