BDS-5470
RGB LED Interface

Easily control 4 RGB LED strips / panels or 12 LED strips / panels with a BrightSign.

The Button Interface can be connected to the BrightSign or OmniLink Hub via USB. An OmniLink wireless card can be installed in the Interface allowing the Interface to be connected to a Wireless Hub.

VERSIONS:

BDS-5470   RGB LED Interface with PH4 Button Connections

OPTIONS:

Case with mounting flanges
OmniLink wireless card & Power Supply
LED strips & panels

SPECIFICATIONS:

- 12 PWM Outputs (4 RGB, 3 RGBW or 12 single color)
- Phoenix screw terminals for connecting LED lights
- 12V or 24V LED lights
- 3A per channel maximum. 18A Total maximum.
- Screw terminals for LED power supply (12-26GA) (power supply not included)
- Mini USB connection to BrightSign.
- OmniLink wireless card ready. USB A Power supply required for wireless operation.
- Device size is 4.2"L x 2.9"W x 1.1"H
- Optional Mounting flanges increases length to 5.1"
- Compatible with BrightSign USB port and all OmniLink Hubs.

For more information contact **sales@bds.us**

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SYSTEM CONNECTION OPTIONS:

Connect directly to a
BrightSign via USB

OmniLink HUB

Connect to an OmniLink Hub via USB or OmniLink Wireless
(requires OmniLink Wireless card be installed in the Interface)

SETUP - SETTINGS:

Device ID:

Set the Device ID on the rotary switch under the cover. The Device ID is between 0 - 9. When multiple RGB Interfaces are connected the Device ID is used to destinguish the Interfaces.

SETUP - CONNECTIONS:

Power:

Connect 12Vdc or 24Vdc to power the LEDs. Power the Interface via a USB port or a 5V USB power supply.

Direct Connect:

Plug the Interface into a BrightSign or OmniLink Hub using a USB Mini to USB A cable.

Wireless Connection:

Install an OmniLink Wireless card inside the RGB Interface. Use a 5V USB power supply to power the Interface. The Wireless card and Hub each have a Zone setting. The Zone setting must be set the same on both units.

PROGRAMMING:

The Interface supports the following command structure:

Product<deviceID>Item-Port:command

Product: 5470; deviceID: 0-9, ALL; Item: RGB; Port: 1-4, ALL

Command Options

SET-RRRGGGBBB. Sets the RGB color.
FADE-RRRGGGBBB-RRRGGGBBB-Time. Fades from Color1 to Color2.
CYCLE-RRRGGGBBB-RRRGGGBBB-Time-Hold. Cycles between Color1 & Color2.

Where RRR is red color value (000-255). 000 is off. 255 is full on.
GGG is green color value. BBB is blue color value.
Time : (00.0-99.9) Number of seconds in the transition between colors.
Hold: (00.0-99.9) Hold length in seconds before changing between colors.

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