OMNILINK
BY BLACK DIAMOND SOLUTIONS

Addressable LED Interface

Easily control 2 Addressable LED strips 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-5475   Addressable LED Interface with PH4 Button Connections

OPTIONS:

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

SPECIFICATIONS:

- 2 Addressable LED Outputs
- Phoenix screw terminals for connecting LED lights
- Addressable LED lights: 5V
- Maximum Strip length: 255 LEDs
- 10A maximum load.
- Screw terminals for LED power supply (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 Addressable Interfaces are connected the Device ID is used to destinguish the Interfaces.

SETUP - CONNECTIONS:

Power: Connect 5v LED power supply to 5V screw terminals.

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 Addressable 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 commands:

A - Sets all LEDs to a specific color.
F - Fades all LEDs to a color over a duration.
L - Swipes a single LED towards Interface starting at a specific LED.
R - Swipes a single LED away from Interface starting at a specific LED.
I - Swipes inwards from both sides and ends at middle LEDs.
O - Swipes outward from middle LEDs.
T - Trailing LEDs. Swipes right, left, or back and forth.