

# CI-5 Series

## Computer Interface Wallplate

# FSR

## Video Products Group

CI-5 Series



### DESCRIPTION

#### CI-5LB

This is our latest addition to the AV interconnect product line. The CI-5LB is a high resolution active computer video interface with an HD-15 computer video input and a fully buffered HD-15 local monitor "loop through" output. It has a local unbalanced stereo mini jack input and converts the signal to balanced audio for noiseless operation. An RGBHV 5BNC equalized video output drives cable lengths up to 200'. This high bandwidth interface is packaged as a standard single gang wall plate. Designed by popular demand, this interface is ideal for applications requiring quick connectivity to a local workstation and a longer cable run to a projector or house display.

#### CI-5BWPA

The CI-5BWPA is an active Computer Video and Stereo Audio interface wall plate that sends video through a line driver with cable equalization allowing cable runs of up to 200 feet. The units' video output is through a 5 BNC female cable array. The Stereo Audio output is actively balanced and is available on a 5-position screw down terminal block.

#### PCI-5BWPA

The PCI-5BWPA is a high-resolution passive computer video and stereo audio interface single gang wall plate. It interconnects an HD-15 female connector mounted on the wall plate face to a 5 BNC female cable array. The audio source enters through a mini stereo plug, is transformer balanced, and outputs on screw down terminal blocks. The PCI-5BWPA is the perfect choice for any application that requires a convenient short distance connection point from your computer to your display.

All active CI-5 units are designed to precisely match the attenuation characteristics of FSR high resolution video cables. When used with FSR cables you can expect to achieve an unprecedented level of flatness in your video system. The Decora style faceplate color options are black, white or ivory. All units fit easily into any standard single gang box.

### APPLICATIONS

- Boardrooms
- Education
- Training Rooms
- Rentals
- Staging Events
- Conference Centers
- Videoconferencing

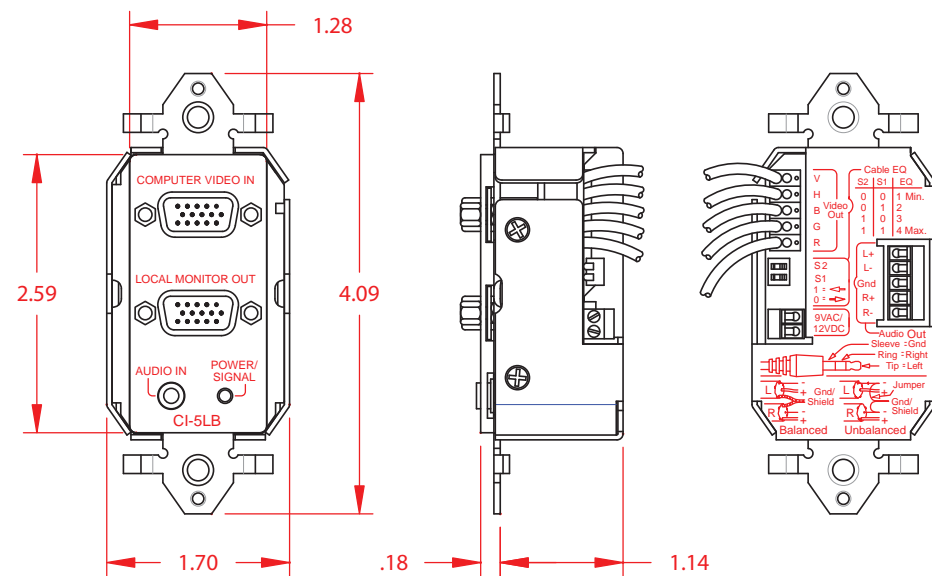
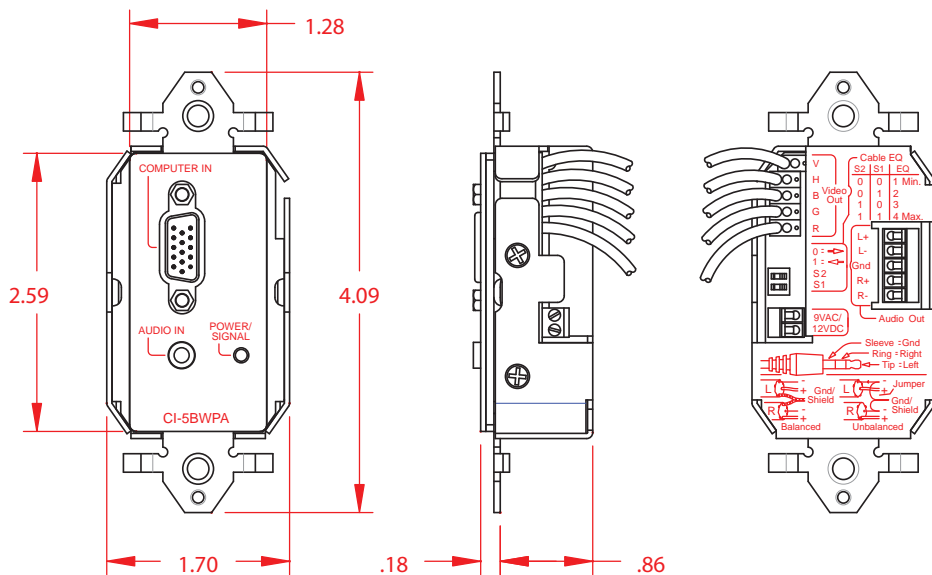
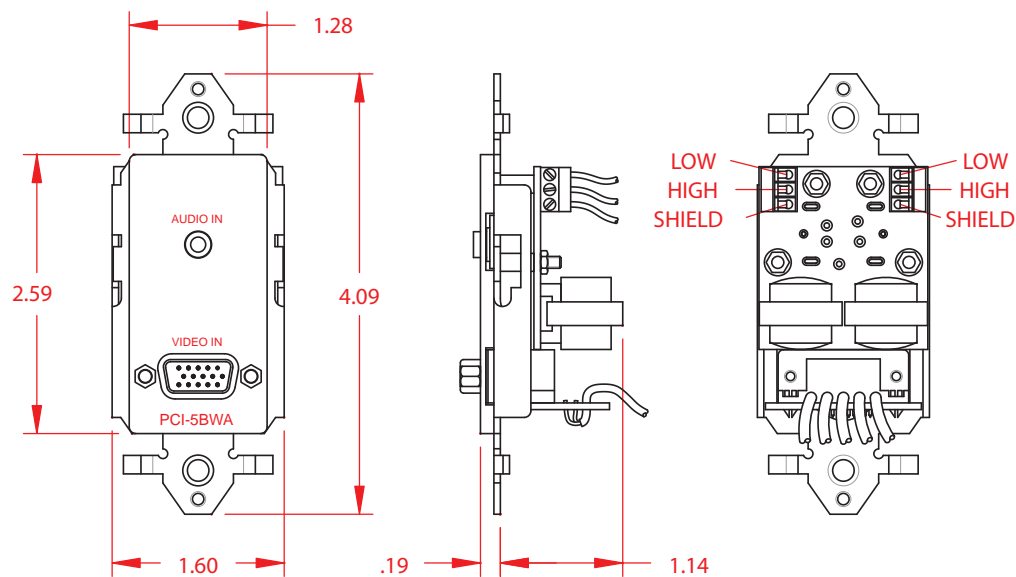
### FEATURES

- Power/Signal LED Indicator  
CI-5BWPA, CI-5LB
- Colors in Black, White or Ivory
- Balanced Audio
- Fit Standard Single Gang Openings
- Low Profile
- Adjustable Gain on CI-5BWPA and CI-5LB
- Fits in FSR IPS and Smart Fit Enclosures

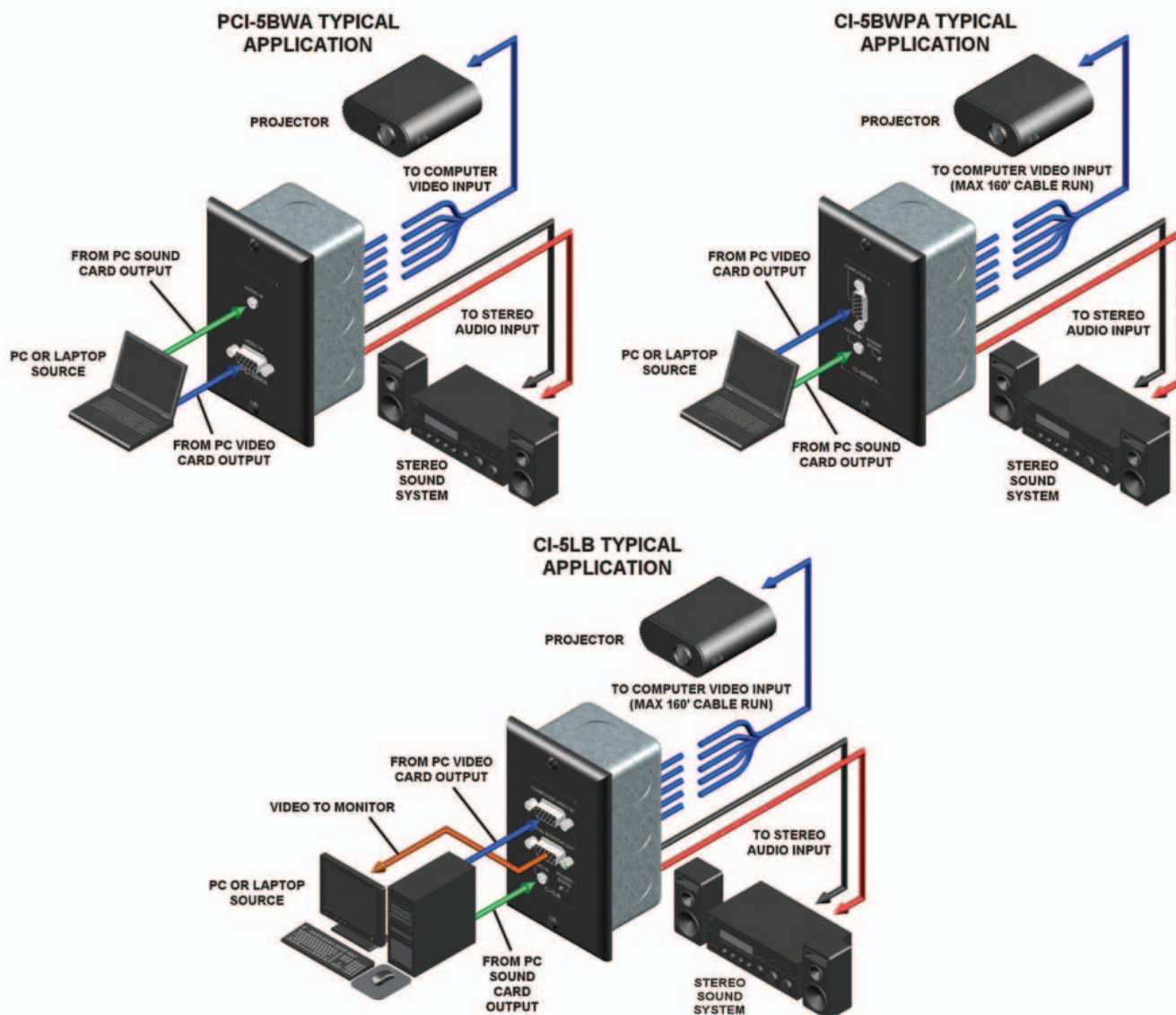
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# CI-5 SERIES DIMENSIONS

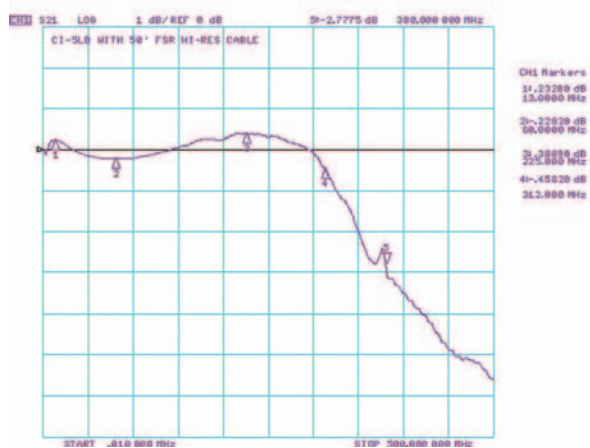


## TYPICAL APPLICATIONS



## RESPONSE CURVE GRAPHS

CI-5LB Performance with FSR 50' Hi-Res Cable 380MHz @ -3dB +/- 0.4dB to 312MHz



CI-5LB Performance with FSR 100' Hi-Res Cable 270MHz @ -3dB +/- 0.3dB to 235MHz



## TECHNICAL SPECIFICATIONS

### VIDEO INPUT

Number/type: 1 VGA / SVGA / XGA / SXGA / UXGA / RGBHV / RGBS / RGsB / RsGsBs  
 Connectors: One 15 pin HD female  
 Level (nominal): Analog 0.7v p-p  
 Level (maximum): 2v p-p  
 Impedance: 75 ohms

### VIDEO OUTPUT

Number/type: 1 VGA / SVGA / XGA / SXGA / UXGA / RGBHV / RGBS / RsGsBs  
 Connectors: 4" Pig-tail of 5 female BNC's ( RGBHV )  
 Bandwidth: 700MHz @ -3.0dB (5 BNC output)  
 400MHz @ -3.0dB (HD-15 loopback output)  
 Level (nominal): Unity / User adjustable via DIP switch settings  
 Gain: OFF = 0' to 75' LOW = 75' to 125'  
 MEDIUM = 125' TO 175 HI = 175' to +200'  
 Impedance: 75 ohms

### AUDIO

Bandwidth: 20 Hz to 20 kHz (+/-0.05dB)  
 THD + Noise: 0.01% @ 20 kHz at rated Max Output S/N >98dB  
 Noise Floor: Better than 98dB  
 Stereo separation: -90dB @ 1 kHz  
 Audio Gain: +6dB

### CI-5BWPA/CI-5LB

### PCI-5BWPA

100 Hz to 15kHz (+/-2dB)  
 0.5% between 275 Hz-3.5kHz  
 NA  
 -40dB @ 1kHz  
 0dB with 1.5dBm max insertion loss

### AUDIO INPUT

Number/type: 1 stereo unbalanced  
 Connectors: 1/8" mini connector  
 Impedance: 10K ohms DC coupled unbalanced  
 Max level: +6dBm

1 stereo unbalanced  
 1/8" mini connector  
 600 ohms  
 +20dBm

### AUDIO OUTPUT

Number/type: 1 Balanced / Unbalanced Stereo  
 Connector: 5 Position Captive screw terminal  
 Impedance: 50 ohm  
 Maximum Level: 600 ohms: +12dBm Balanced / +6dBm Unbalanced  
 Hi - Z: +14dBm Balanced / +8dBm Unbalanced

1 Balanced / Unbalanced Stereo  
 2, 3 position captive screw terminals  
 600 ohms  
 +20dBm

### SYNC

Input level: 2.0v to 5.0v p-p  
 Output level: TTL to 5.0v p-p  
 Input Impedance: 475 ohms  
 Output impedance: 75 ohms  
 Polarity: Positive or negative  
 Horizontal frequency: 15kHz - 200kHz  
 Vertical frequency: 30 Hz - 150 Hz

### GENERAL

Power: 9v AC / DC, 50/60 Hz: 8 – 14v DC, 9v AC Power Supply included. May be remotely located up to 150 feet away from the wallplate when using 22 Gage / 2 Conductor cable.  
 Mounting: Single – Gang Decora Wallplate ( Included )  
 Colors: Black, White, Ivory  
 Enclosure Type: Metal  
 Size: 4.094" H x 1.706" W x 0.65" D  
 Approvals: UL / CE

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Specifications are subject to change  
 without notice