

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-5BWP

The CI-5BWP 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-5BWP

The PCI-5BWP 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-5BWP 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

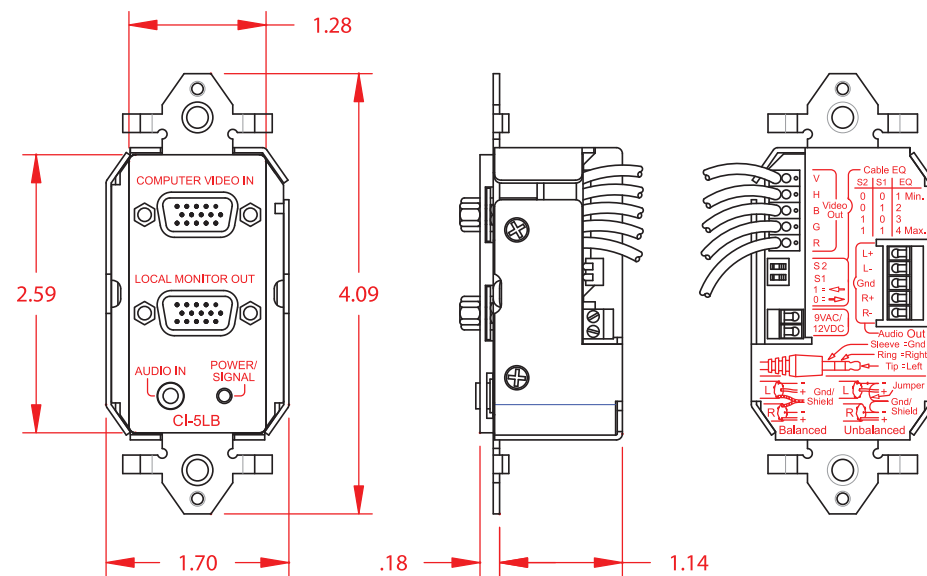
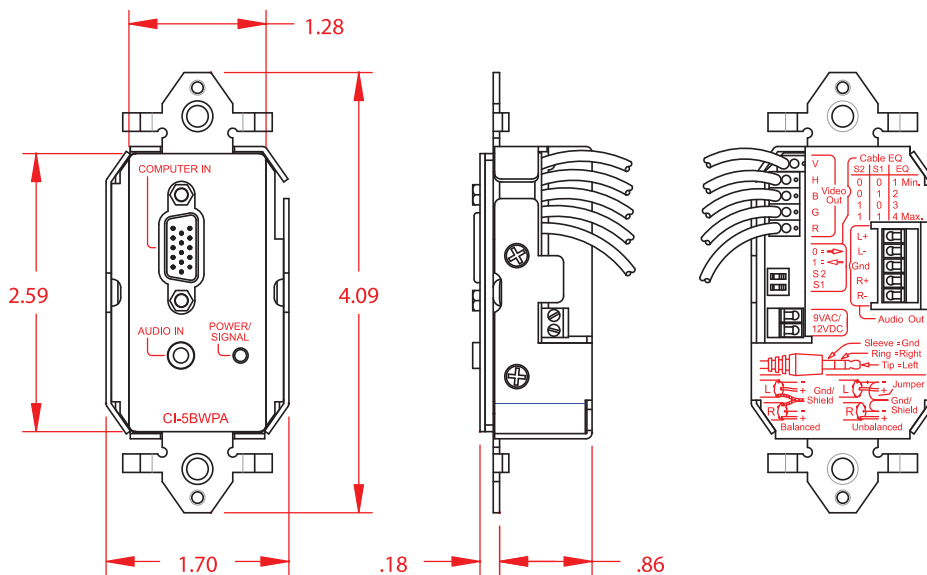
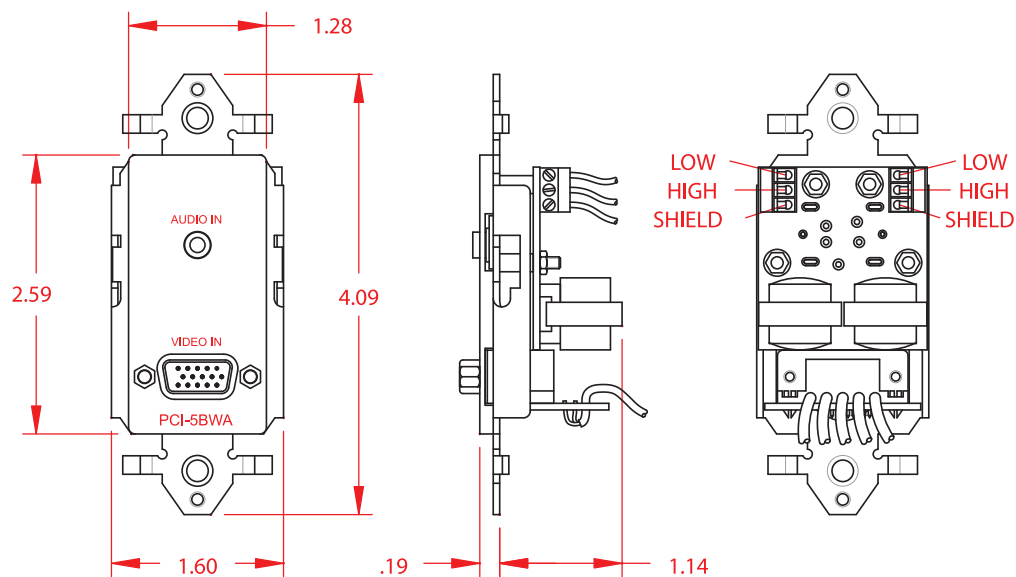
FEATURES

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

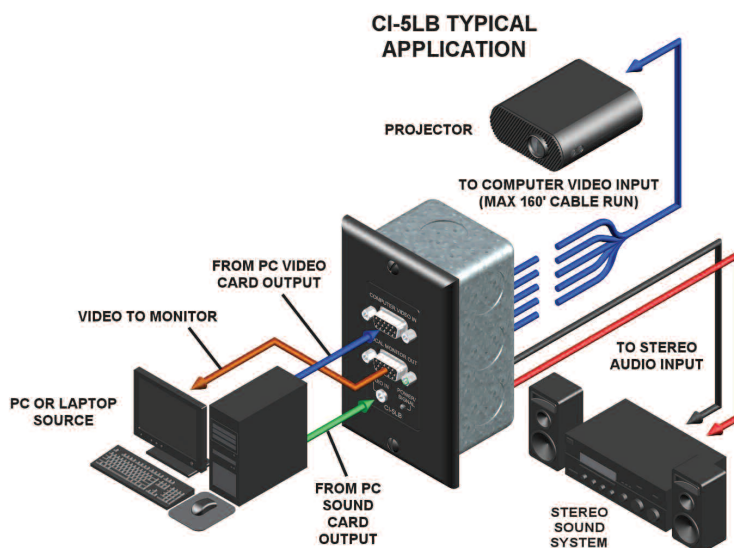
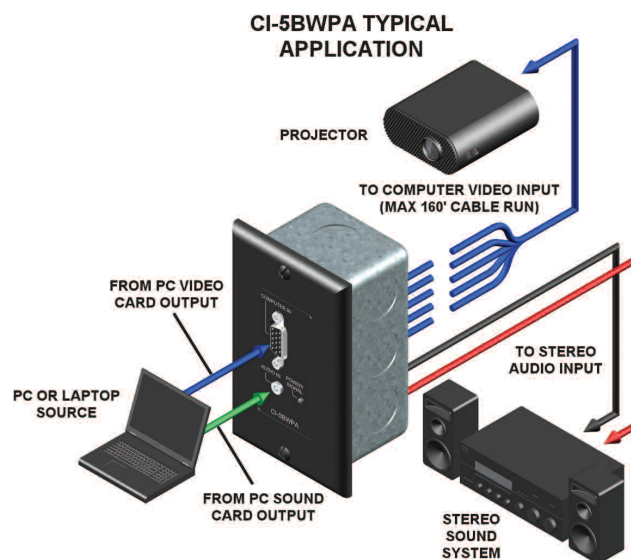
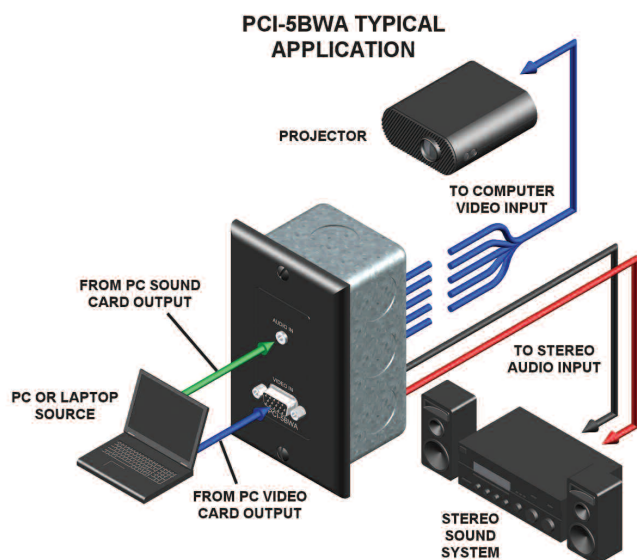
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CI-5 SERIES DIMENSIONS



TYPICAL APPLICATIONS

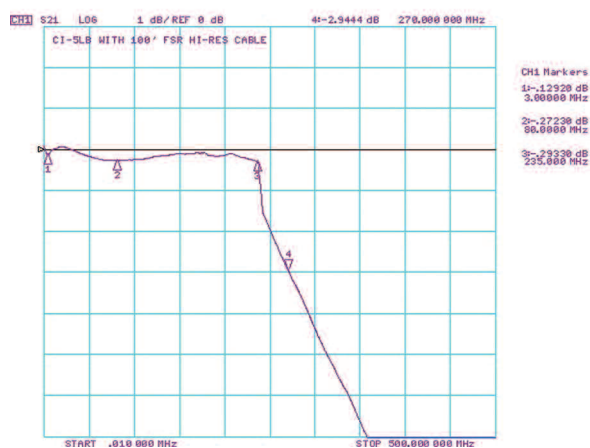


RESPONSE CURVE GRAPHS

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: CI-5 model: 12 VDC @ 0.09 A (included)
 CI-5LB model: 12 VDC @ 0.125 A (included)
 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



Powered by an
 ENERGY STAR®
 qualified adapter
 for a better
 environment



Specifications are subject to change without notice.

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