

CI-5 Series

Computer Interface Wallplate

FSR

Video Products Group

CI-5 Series



DESCRIPTION

CI-5LB

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

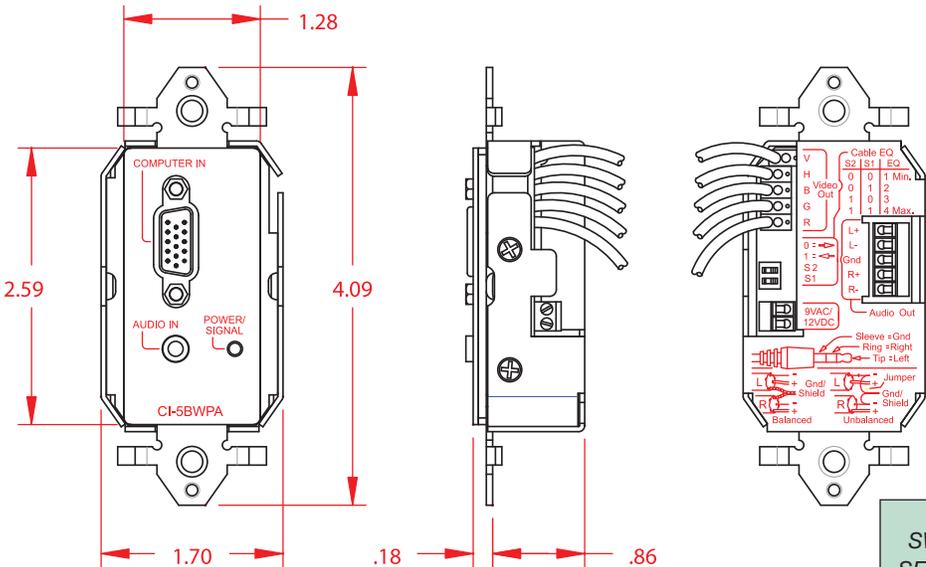
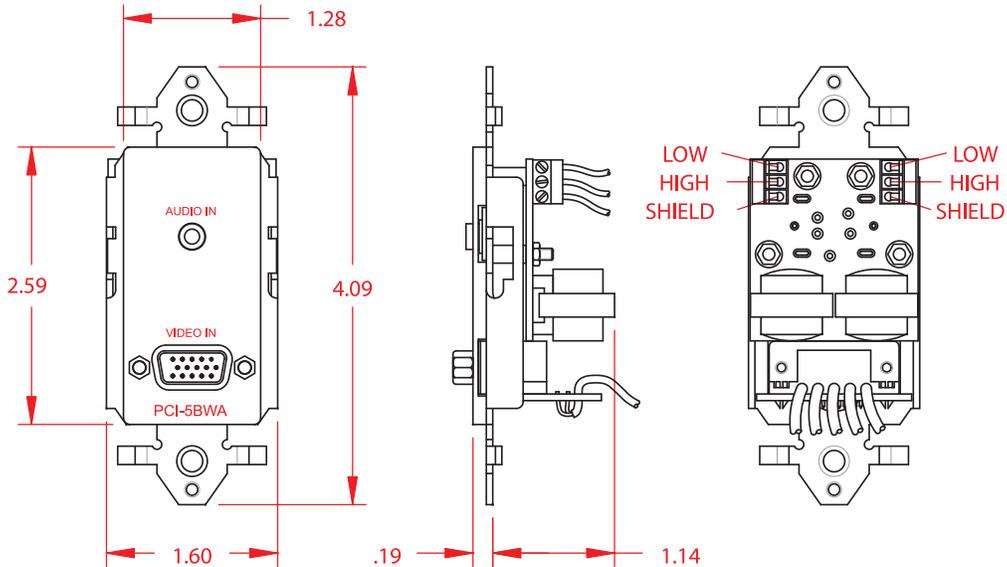
FEATURES

- 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

FSR Inc.

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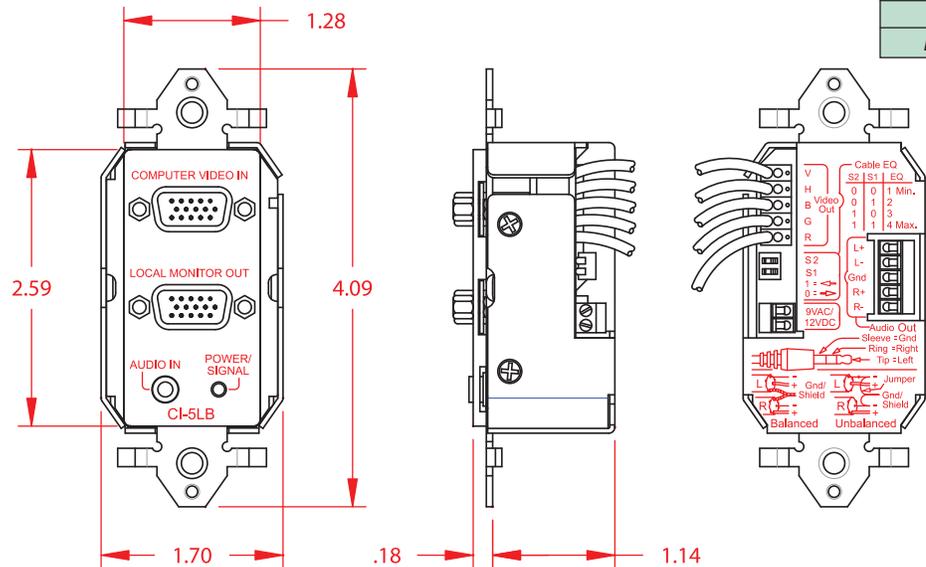
CI-5 SERIES DIMENSIONS



AMBER LED INDICATES POWER IS PRESENT

GREEN LED INDICATES HORIZONTAL SYNC IS PRESENT ON THE VIDEO INPUT

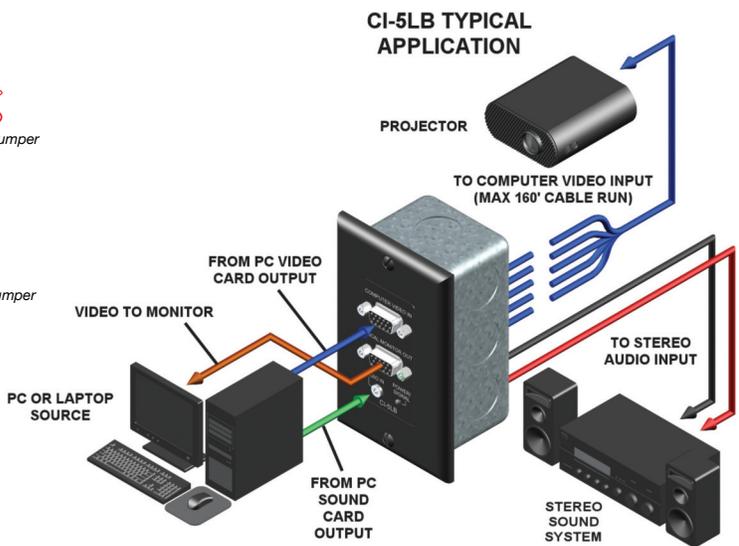
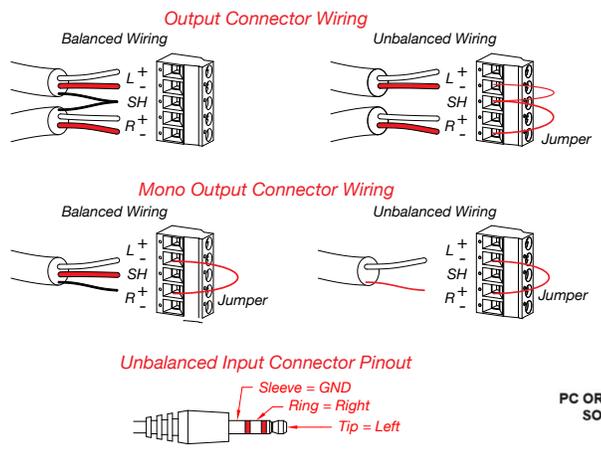
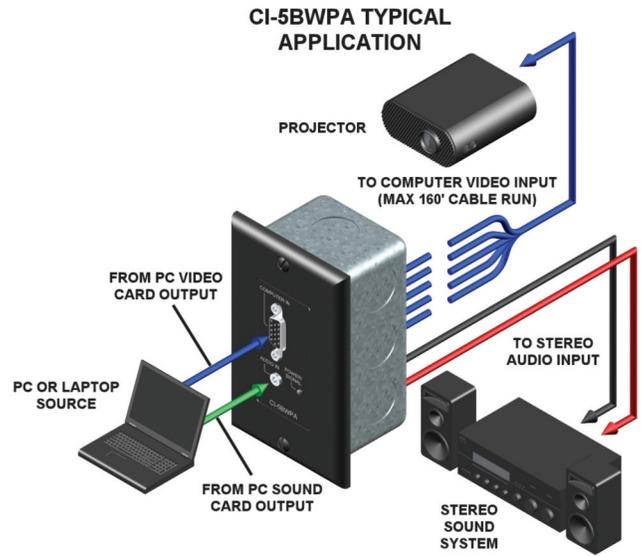
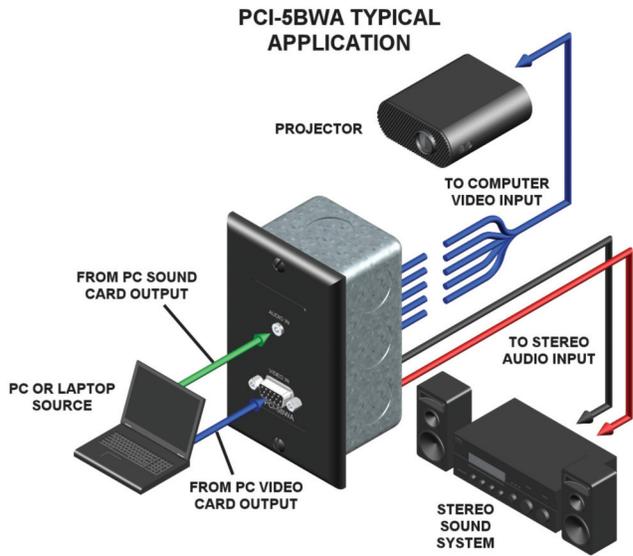
DIP SWITCH SETTINGS	POSITION		OPTIMAL CABLE LENGTH	ACCEPTABLE CABLE RANGE
	S2	S1		
OFF	0	0	50'	0-75'
LOW	0	1	100'	75-125'
MED	1	0	150'	125-175'
HIGH	1	1	200'	175-200'



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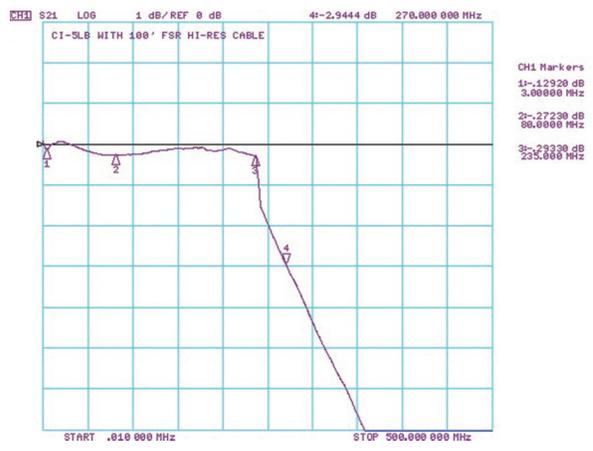
TYPICAL APPLICATIONS



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 **CI-5BWPA/CI-5LB**

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

PCI-5BWPA (Passive)

Maximum recommended cable length when using the passive PCI-5WBPA is 50' depending on cable quality.

AUDIO

CI-5BWPA/CI-5LB

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

PCI-5BWPA

100Hz to 15 kHz (+/-2dB)
0.5% between 275Hz-3.5 kHz
NA
-40dB @ 1 kHz
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: 15 kHz - 200 kHz
Vertical frequency: 30Hz - 150Hz

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



Specifications are subject to change without notice.

FSR Inc.

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