

REGULATORY COMPLIANCE

The Energy Star qualified Power Adapter has been tested for compliance with: UL, CSA and CE.

WARRANTY POLICY

This product is warranted against failures due to defective parts or faulty workmanship for a period of three years after delivery to the original owner. During this period, FSR will make any necessary repairs or replace the unit without charge for parts or labor. Shipping charges to the factory or repair station must be prepaid by the owner, return-shipping charges, via UPS / FedEx ground, will be paid by FSR.

This warranty applies only to the original owner and is not transferable. In addition, it does not apply to repairs done by other than the FSR factory or Authorized Repair Stations.

This warranty shall be cancelable by FSR at its sole discretion if the unit has been subjected to physical abuse or has been modified in any way without written authorization from FSR. FSR's liability under this warranty is limited to repair or replacement of the defective unit.

FSR will not be responsible for incidental or consequential damages resulting from the use or misuse of its products. Some states do not allow the exclusion of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Warranty claims should be accompanied by a copy of the original purchase invoice showing the purchase date (if a Warranty Registration Card was mailed in at the time of purchase, this is not necessary). Before returning any equipment for repair, please read the important information on service below.

SERVICE

Before returning any equipment for repair, please be sure that it is adequately packed and cushioned against damage in shipment, and that it is insured. We suggest that you save the original packaging and use it to ship the product for servicing. Also, please enclose a note giving your name, address, phone number and a description of the problem.

NOTE: all equipment being returned for repair must have a Return Authorization Number (RMA). To get a RMA Number, please call the FSR Service Department (973-785-4347).

Please display your RMA Number prominently on the front of all packages.

Contact Information:

FSR INC.
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Woodland Park, NJ 07424

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E-Mail: sales@fsrinc.com · Web: <http://www.fsrinc.com>

Touchboards

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CI-5 BWPA CI-5LB

COMPUTER INTERFACE WALLPLATES WITH AUDIO

OPERATIONS MANUAL



CI-5LB



CI-5BWPA

PROPRIETARY INFORMATION

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INSTALLATION AND OPERATION

The 5 BNC output cable, 12 VDC power supply leads and audio leads should be prewired through the duplex back box prior to completing the steps below. Do not plug in the power supply until all wiring is completed and proper connections are verified.

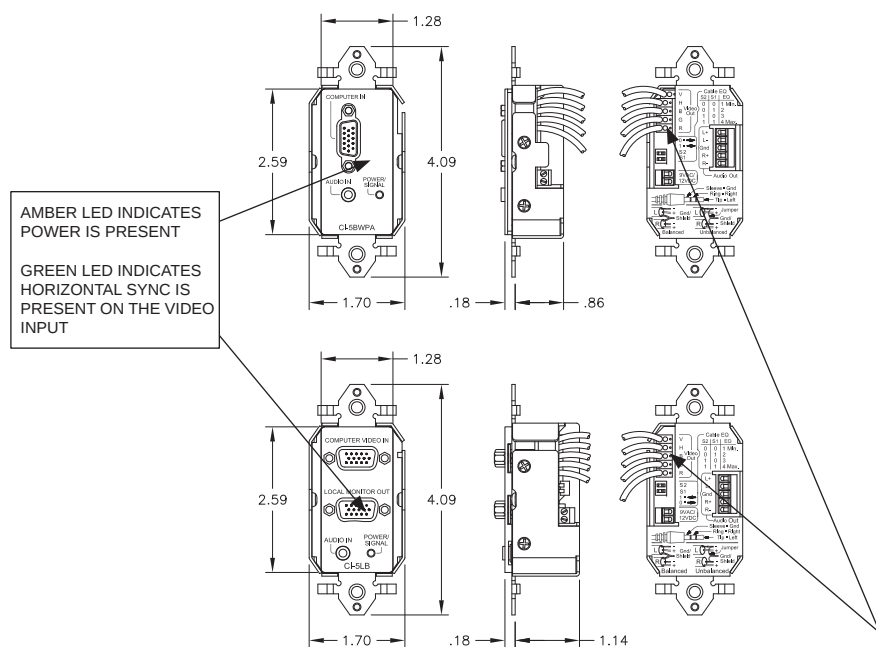
Connect the 5 BNC female “pigtail” connectors to the 5 BNC male output cable leading to the projector or monitor.

Connect the audio output cables to the captive screw terminals labeled “Audio Out”. The appropriate wiring configuration for balanced and unbalanced connections is shown in Figure 1 to the right of this page.

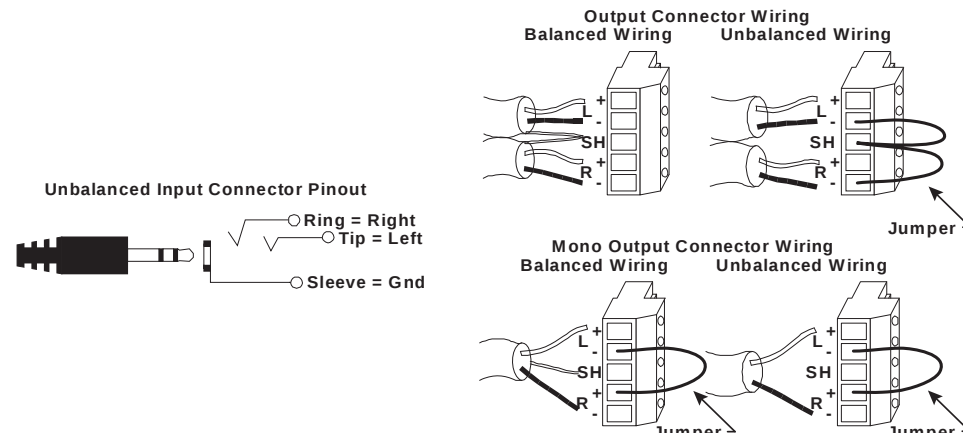
Using the chart on the rear of the wallplate or below as a guide, set the cable equalization dip switches for optimum performance at the desired cable length.

Connect the 12 VDC power supply stripped output leads to the captive screw terminals labeled “9VAC” and “12VDC”. The units are NOT polarity sensitive. Attach the video input from the desired source. Plug in the power supply. On the units face, an amber LED will indicate power. The LED should change to green when a proper video signal is present on the HD-15 input (horizontal sync is present).

After confirming proper operation, unplug the power supply, and mount the CI-5 and cover plate in the wall. Be certain that all cables and connectors are nested properly and check for pinched or strained cables while mounting the CI-5 interface into the wall box. Use the supplied screws for mounting. Install the cover plate with the supplied screws and perform the final operational check.



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



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

AUDIO INPUT

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

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

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
CI-5LB model: 12 VDC @ 0.125 A

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