

CI-5UT

Computer Video and Stereo Audio Interface

FSR

Video Products Group

CI-5UT



FEATURES:

Ideal for podiums and conference room settings, the FSR CI-5UT, takes the worry out of signal loss due to long cable runs. The CI-5UT interfaces with computer video and audio applications providing signal amplification and balanced audio output for noise-free presentations.

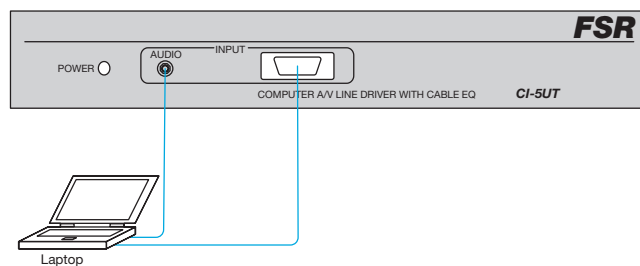
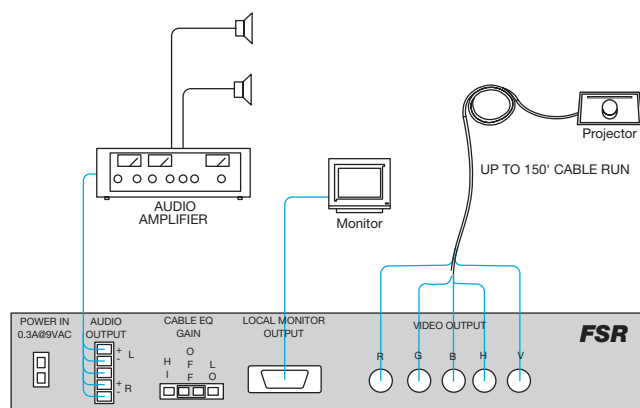
The CI-5UT runs the computer video through an active line driver equalized for the specific cable and sends it out through 5, high resolution BNC connectors, eliminating signal loss in situations where cable in run more than 35 feet. A second fully buffered output is available on a HD-15 connector for local monitoring. The unbalanced stereo output is actively balanced to eliminate noise and audio cross talk. It is then output to a 5 position Phoenix connector.

The CI-5UT also functions as a universal interface when connected to any FSR seamless switcher, allowing for one central connection point for composite, S-Video component video and RGB.

APPLICATIONS:

- Boardrooms
- Education
- Training Rooms
- Rentals
- Staging Events
- Conference Centers
- Houses of Worship

CI-5UT COMPUTER A/V LINE DRIVER TYPICAL APPLICATIONS



Touchboards

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Phone: 866-94 BOARDS (26273) / (732)-222-1511
Fax: (732)-222-7088 | E-mail: sales@touchboards.com

FSR Inc.

244 Bergen Boulevard, West Paterson, NJ 07424
Phone: 973.785.4347 · Fax: 973.785.4207
Order Desk: 1-800-332-FSR1
Web: www.fsrinc.com · E-mail: sales@fsrinc.com

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 0.7 Vp-p
 Level (maximum): 2 Vp-p
 Impedance: 75 ohms

EQUALIZED VIDEO OUTPUT

Number/type: 1 VGA / SVGA / XGA / SXGA / UXGA / RGBHV / RGBS / RGsB / RsGsBs
 Connectors: 5 female BNC's (RGBHV)
 Bandwidth: 400 MHz @ -3 dB, 180 MHz @ +/- .5dB
 Level (nominal): Unity / User adjustable via HI / LOW / OFF Jumper
 Gain: HI = 125' to 175', LOW = 60' to 125', OFF = 0' to 60'
 Impedance: 75 ohms
 Design Cable: West Penn WP8255 or any cable having similar attenuation characteristics

MHz	dB/100 ft	MHz	dB/100 ft
1	.48	71.5	3.51
3.6	.98	135	4.69
10	1.73	360	7.72
50	3.0		

LOCAL VIDEO OUTPUT

Number/type: 1 VGA / SVGA / XGA / SXGA / UXGA / RGBHV / RGBS / RGsB / RsGsBs
 Connectors: One 15 pin HD female
 Bandwidth: 320MHz @ 03dB
 Gain: Unity (buffered)
 Impedance: 75 ohms

AUDIO

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

AUDIO INPUT

Number/type: 1 stereo unbalanced
 Connectors: 3.5mm stereo mini connector
 Impedance: 10K Ohms unbalanced
 Max level: +6 dBm

AUDIO OUTPUT

Number/type: 1 Balanced Stereo (may be used in unbalanced configuration)
 Connector: 5 Position mini Phoenix
 Impedance: 50 ohms
 Maximum Level: 600 ohms: +12 dBm Balanced / +6 dBm Unbalanced
 Hi - Z: +14 dBm Balanced / +8 dBm Unbalanced

SYNC

Input level: 2.0 Vp-p to 5.0 Vp-p
 Output level: 5.0 Vp-p into Hi-Z,
 2.5 Vp-p into 75 ohm
 Input Impedance: 475 ohms
 Output impedance: 75 ohms
 Polarity: Positive or negative
 Horizontal frequency: 15 kHz - 200 kHz
 Vertical frequency: 30 Hz - 150 Hz

POWER

Power: 9 VAC / DC, 50/60 Hz: 8 - 14 VDC,
 9 VAC Power Supply included.
 Mounting: 1/2 rack or under table (includes under
 table brackets, 1/2 rack mount ordered
 separately.
 Enclosure Type: Metal
 Size: 8.5" W x 5.5" D x 1.5" H
 Approvals: UL / CE

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Specifications are subject
 to change without notice