

# 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.

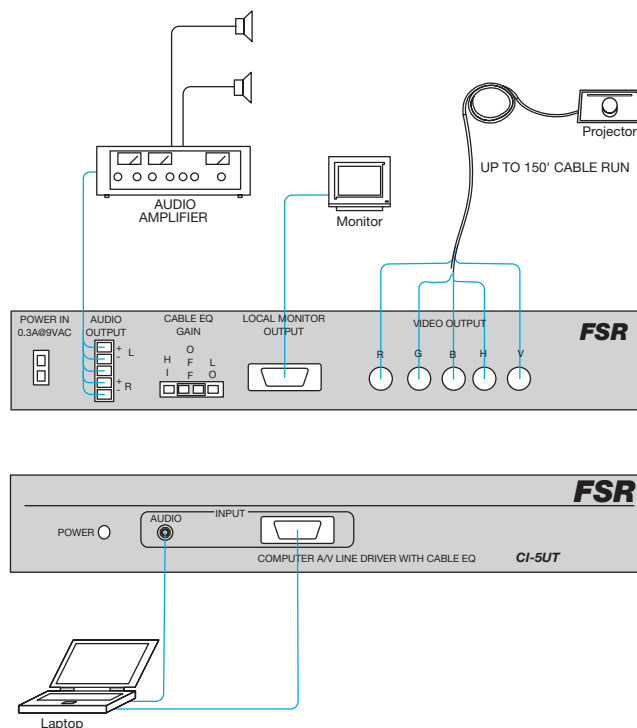
The CI-5UT runs the computer video through an active line driver equalized for the specific cable and sends it out through 5, high resolution BNC connectors, eliminating signal loss in situations where cable in run more than 35 feet. A second fully buffered output is available on a HD-15 connector for 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



### FSR Inc.

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# 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