

REGULATORY COMPLIANCE

FSR'S ELECTRONIC PRODUCTS have been tested for compliance with: FCC Class A and CE The 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 one year 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 (RMA) Number. 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:

244 Bergen Boulevard,
West Paterson, NJ 07424

Tel: (973) 785-4347 · Fax: (973) 785-4207

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



CVD-2EQ / CVD-2EQA
SVD-2EQ / SVD-2EQA

1 x 2 COMPOSITE VIDEO LINE DRIVER
WITH AND WITHOUT AUDIO
1 X 2 S-VIDEO LINE DRIVER
WITH AND WITHOUT AUDIO

OPERATIONS MANUAL

PROPRIETARY INFORMATION

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OPERATIONS MANUAL

Video Connections (All Models)

INPUT: Connect the appropriate video source cable to the video input on the amplifier. Connector type will vary depending on the model number of the amplifier.

OUTPUT: Connect the "A" and "B" video outputs to the display devices.

Audio Connections (Only on models with audio option)

INPUT: The stereo or mono unbalanced audio source can be connected to either the stereo mini jack or the right and left RCA input jacks depending on the application. Refer to the drawing below for pinouts and termination.

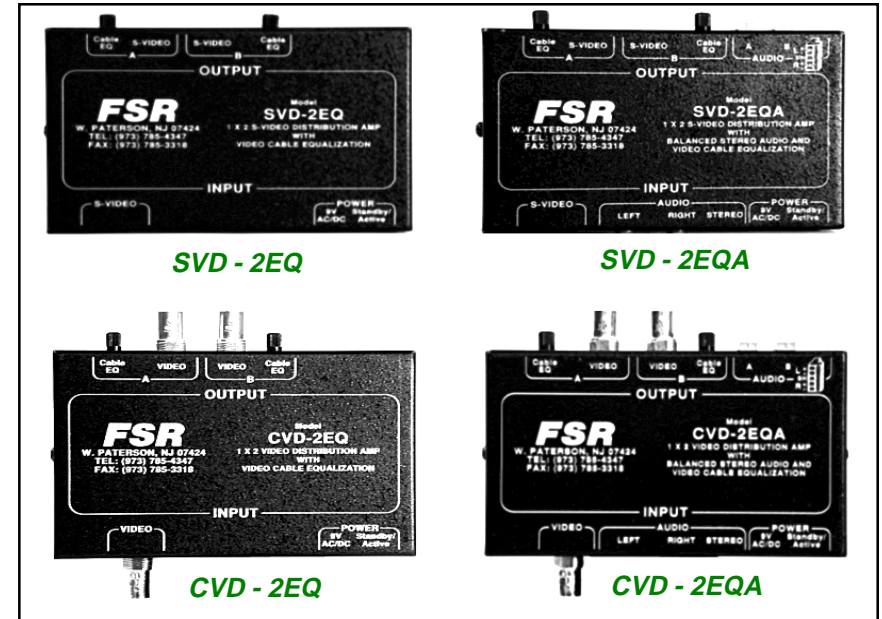
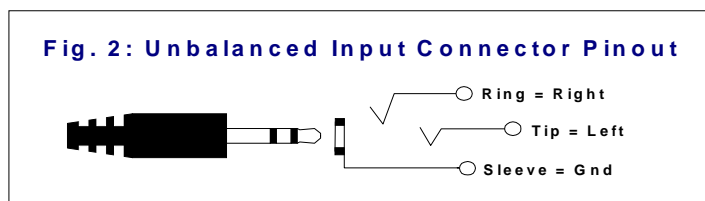
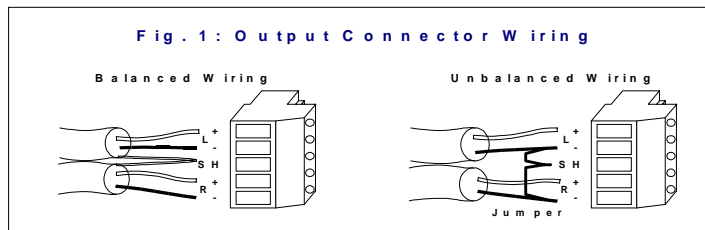
OUTPUT: The audio output connector can be configured for either balanced or unbalanced audio loads. Connect the output leads to the 5 pin pluggable screw terminals as shown below. External jumpers may be required depending on the output requirements.

Power Connections:

Attach the 9 VDC power adapter to the two-pin power input jack the amplifier. Plug the power adapter into a 117 VAC wall outlet. The indicator LED should be yellow when the amplifier is properly powered and turn green in the presence of a proper video signal from the source.

Cable Equalization Adjustments:

Cable equalization adjustment potentiometers are provided at each of the video inputs on the amplifier. Turn each knob while viewing the video sources and adjust for optimum display quality.



TECHNICAL SPECIFICATIONS:

Video Input

Number/type: 1 Composite on CVD's & 1 S – Video on SVD's
Connectors: 1 BNC Female on CVD's & 1 4-pin d-sub on SVD's
Level (nominal): Analog 0.7v p-p
Level (maximum): 2v p-p
Impedance: 75 ohms

Video Output

Number/type: 2 Composite on CVD's & 2 S – Video on SVD's
Connectors: 2 BNC Female on CVD's & 2 4-pin d-sub on SVD's
Bandwidth: 100 MHz @ -3 dB
Unity / User adjustable via knobs for each output
Gain: Adjustable for cable runs of 1' to 500'
Impedance: 75 ohms

Audio

Gain: Unity
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: better than 98 dB
Stereo Separation: -90 dB @ 1 kHz

Audio Input

Number/type: 1 stereo unbalanced
Connectors: 1/8" mini connector & 2 RCA's
Impedance: 10K Ohms DC coupled unbalanced
Max level: +6 dBv (.775v = 0dBv)

Audio Output

Number/type: 2 Balanced / Unbalanced Stereo
Connector: 5 Position Captive screw terminal
Impedance: 50 ohm
Maximum Level: 600 ohms: +12 dBv Balanced / +6 dBv Unbalanced
Hi – Z: +14 dBv Balanced / +8 dBv Unbalanced

General

Power: 9v AC, 50/60 Hz: 8 – 14v DC, wallmount AC power supply (Included)
Enclosure Type: Metal
Size: 5.125" L X 3.39" W X 1.312" D
Approvals: Power supply is UL/CSA approved