

REGULATORY COMPLIANCE

The CVG - CVA2LD & CVG - SVA2LD LINE DRIVERS 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

Comprehensive Brand Electronics are covered under a 3 - year warranty. If the product is defective in material or workmanship, or fails to operate for the Manufacturer's intended purpose during the warranty period, it will be repaired or replaced when returned to the Comprehensive Authorized Dealer from whom it was purchased. All such products will be repaired or replaced to the authorized Dealer free of charge by Comprehensive. Dealer must provide Comprehensive with customer proof of purchase on all products returned. There are no other expressed or implied warranties except as set forth herein. There is no warranty covering consequential damages, incidental damages, or incidental expenses, including injury to persons or property.



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CVG - CVA2LD

CVG - SVA2LD

1 x 2 COMPOSITE LINE DRIVER
1 X 2 S-VIDEO LINE DRIVER

OPERATIONS MANUAL

PROPRIETARY INFORMATION

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OPERATIONS MANUAL

Video Connections

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.

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

Audio Connections

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.

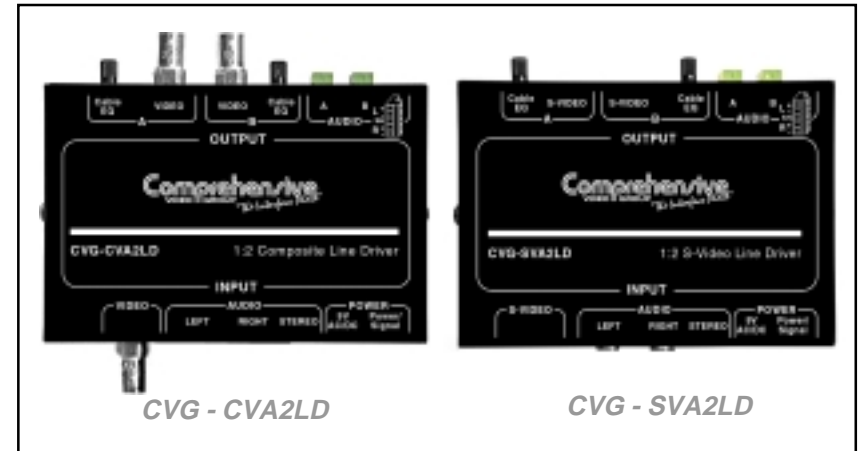
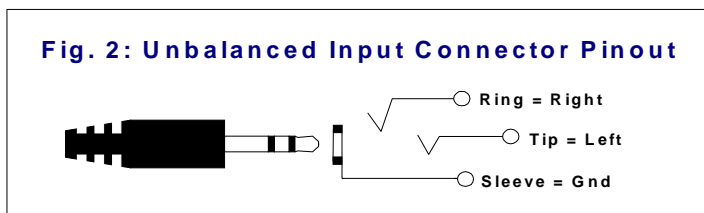
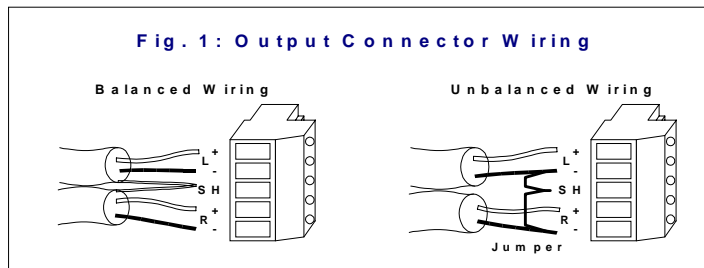
The audio output connector can be configured for either balanced or unbalanced audio loads. Connect the output leads to the 5 pin pluggable screw terminals as shown below. External jumpers may be required depending on the output requirements.

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 CVA's & 1 S - Video on SVA's
 Connectors: 1 BNC Female on CVA's & 1 4-pin d-sub on SVA's
 Level (nominal): Analog 0.7v p-p
 Level (maximum): 2v p-p
 Impedance: 75 ohms

Video Output

Number/type: 2 Composite on CVA's & 2 S - Video on SVA's
 Connectors: 2 BNC Female on CVA's & 2 4-pin d-sub on SVA's
 Bandwidth: 100 MHz @ -3 dB
 Level (nominal): 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
 Enclosure Type: Metal
 Size: 5.125" L X 3.39" W X 1.312" D
 Approvals: Power supply is UL/CSA approved