CE labs can support many areas of your audio and video distribution needs.

We manufacture RF modulators, RF amplifiers, HD distribution amplifiers, HD Switchers, and cables of all types.

See our full product line at

www.celabs.net.

Cable Electronics, Inc.   http://www.celabs.net

3209 Wood Street
Garland, Texas 75041
(469)429-9200   Fax (469)429-9205

Component Video/Audio HDTV Distribution Amplifier
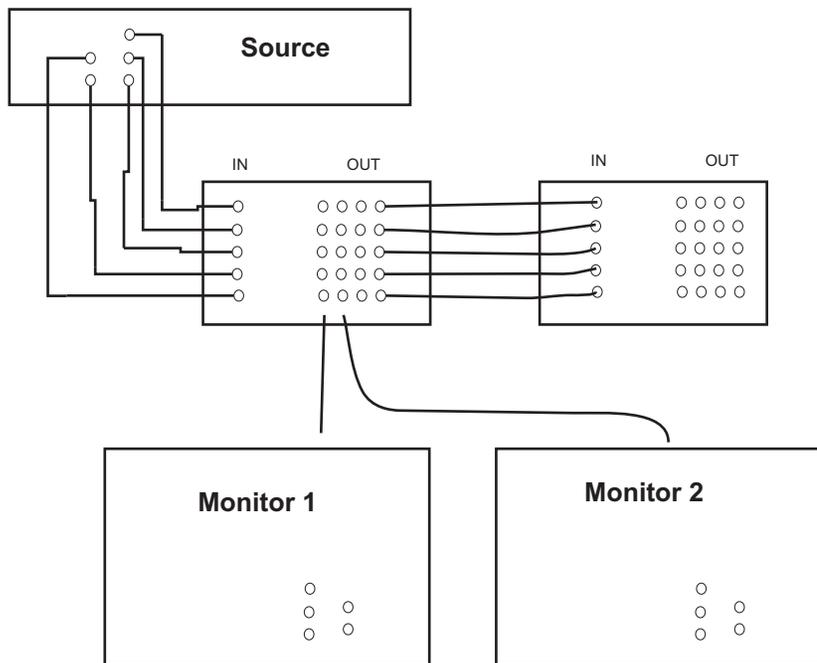
AV400COMP

Information Brochure

True One-to-One Signal Ratio

Distributes a Video/Audio Source to multiple locations without any signal loss.

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Installation / Operation Instructions

Unpack the amplifier and power supply from the box. Place the amplifier in a dry location, usually behind the shelf where the monitors are located.

The unit has integrated mounting brackets that are pre-drilled in case the user wishes to screw the unit to the shelf (screws supplied by user).

Connect the source device outputs to the appropriate input jacks on the AV400COMP. Connect cabling from the AV400COMP outputs to the desired display or recording device. One of the outputs may be used as normal or to connect to the next distribution amplifier to create more outputs.

Insert the power supply connector into the power jack of the AV400COMP. Plug the wall transformer into a 120Vac outlet. The power LED should be on and the unit is ready to use.

AV400COMP

The AV400COMP has one set of inputs and four sets of outputs. The unit allows any Audio/Video source, with Y, Cb, Cr, or Y, Pb, Pr Outputs (component), to distribute Audio and Video to four different locations without any signal loss. Note: the fourth output may be used to daisy chain several units together as is typically done in store displays.

SPECIFICATIONS

VIDEO (All Three Video Channels)

Nominal Input level:	1 Volt peak to peak
Gain:	1 Volt into 75 ohms (2 Volts Unterminated)
Input Impedance:	75 ohms
Output Impedance:	75 ohms
Isolation port to port:	32 dB
Isolation out to input:	60 dB
Return loss:	18 dB
Video bandwidth:	> 75 MHz (HDTV requires 37MHz min.)

AUDIO

Analog:

Nominal Input level:	1 Volt peak to peak
Gain:	Unity (one to one)
Input impedance:	22k ohm
Output impedance:	1k ohm
THD:	0.05%
Frequency Response:	20Hz to 100kHz
Channel Separation:	>75dB
Port to Port Isolation:	60dB
Out to Input Isolation:	60dB
Signal to Noise:	100dB @ 2 Volts out

POWER

Requirement: External 9 to 10 Volt AC @ 500mA with a (2.1mm center) Coaxial connector. Power Supply is included.