

COMPONENT DISTRIBUTION AMPLIFIERS



New IC technology from CE Labs allows for multiple signal distribution equal to source signal output with no signal loss.



AV901COMP

HDTV, Component, (Y, Pr, Pb), Audio/Video Distribution Amplifier



AV400COMP

HDTV, Component, (Y, Pr, Pb), Audio/Video Distribution Amplifier



AV901HD & AV501HD

HDTV, Component,
(Y, Cb, Cr, or Y, Pb, Pr), Composite Video
Digital Audio, Left/Right Audio Distribution Amplifiers

high
performance

PROGRADE

Component A/V Distribution Amplifiers

Distribute HDTV and analog television signals from a single A/V source to multiple television receivers.

- Compatible with all HDTV, digital and analog video signals
- Daisychain several units for larger displays with great picture quality
- Allows up to 150 ft. runs
- Save the expense of additional A/V receivers



CABLE ELECTRONICS, INC.

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Call **1.800.767.6189** or visit www.celabs.net

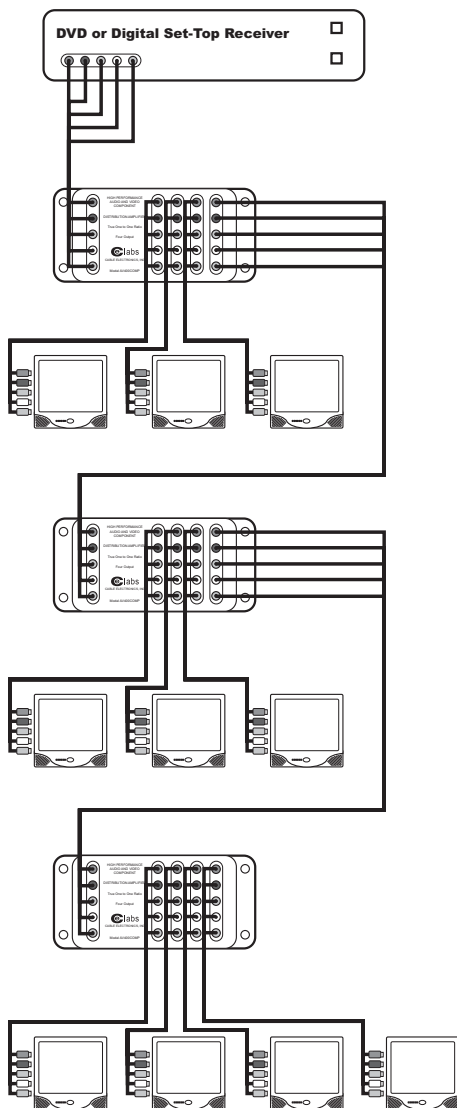
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high performance, prograde

A/V Distribution Amplifiers

AV901HD, AV501HD, AV901COMP, AV400COMP

Daisychain to large number of televisions with equal picture quality. Save the expense of additional A/V receivers and allows up to 150 ft. runs.



Video

Gain: 2 Volt unterminated, 1 Volt Terminated: 75 ohms \pm 5%
Input Impedance: 75 ohms \pm 5%
Output Impedance: 75 ohms \pm 5%
Video Insertion Loss: 50 Hz to 10 MHz < .40 dB
In to Out Isolation: 50 Hz to 10 MHz 32 dB Port to Port
Out to In Isolation: 50 Hz to 10 MHz 60 dB
Return Loss: 50 Hz to 10 MHz 20 dB
Video Bandwidth: > 100 MHz
Audio Response: > 100 KHz

Audio

Gain: Unity
Input Impedance: 22k ohm
Output Impedance: 1k ohm
THD: 0.05% at 1.0 Volts input level
Frequency Response: 20 Hz to 100 KHz
Channel Separation: > 75 dB @ 1 KHz
In to Out Isolation: 60 dB
Out to Out Isolation: 60 dB
Signal to Noise: 100 dB re 2 Volts (out)

Audio (Digital – AV501HD & AV901HD only)

Supports standard SPDIF digital audio. Unity gain when terminated into 75 ohms (2X gain high imp.). Greater than 50 MHz of bandwidth to ensure minimal degradation. (If not used for digital audio, this port can be used to switch standard video).

Power

Requirement: External 9 to 10 Volt AC @ 500 mA (AV901HD = 1000 mA) with a 2.1 mm coaxial connector. Power supply is included.

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