

# COMPONENT Distribution Amplifiers

1080P

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

## KEY FEATURES

- Compatible with all HDTV component video signals
- Daisychain several units for larger displays
- Allows up to 150 ft. runs
- Save the expense of additional A/V receivers

## SPECIFICATIONS

### Video:

- Nominal input level: 1 Volt peak to peak
- Gain: 1 Volt terminated: 75 ohms, 2 Volts undetermined
- Input Impedance: 75 ohms
- Output Impedance: 75 ohms
- In to Out isolation: 50Hz to 10MHz 32dB Port to Port
- Out to In isolation: 50Hz to 10MHz 60 dB
- Return loss: 50Hz to 10MHz 20dB
- Video bandwidth: >100MHz

### Audio:

- Gain: Unity
- Input Impedance: 22k ohms
- Output Impedance: 1k ohms
- THD: 0.05% at 1.0 Volts input level
- Frequency Response: 20Hz to 100kHz
- Channel Separation: >75 dB @ 1kHz
- Port to Port Isolation: 60dB
- Output to Input Isolation: 60dB
- Signal to Noise: >100 MHz @ 2 Volts (out)

### Digital Audio: (AV501HDX & AV901HD only)

- Supports Standard SPDIF digital audio.
- Unity gain when terminated into 75ohms (2X gain, high impedance). Greater than 100 MHz of bandwidth to ensure minimal degradation. If no used for digital audio, this port can be used to switch standard video.

### Power Requirements:

- External 9 or 10 Volt AC @ 500mA (AV901HD & AV501HDX =1000mA) with a (2.1mm center diameter) coaxial connector
- Power supply included



### AV501HDX

HDTV, Component, (Y, Cb, Cr, or Y, Pb, Pr), Composite Video Digital Audio Left/Right Audio Distribution Amplifiers  
10" x 6.6" x 1.25"



### AV400COMP

HDTV, Component, (Y, Pb, Pr), Audio/Video Distribution Amplifiers  
8.4" x 4.8" x 1.25"



### AV901HD

HDTV, Component, (Y, Cb, Cr, or Y, Pb, Pr), Composite Video Digital Audio Left/Right Audio Distribution Amplifiers  
13" x 6.5" x 1.25"



### AV901COMP

HDTV, Component, (Y, Pb, Pr), Audio/Video Distribution Amplifiers  
14" x 4.8" x 1.25"