

HDTV COMPATIBLE

High-Definition

## Component Video & Stereo Audio Distribution Amplifier



## INSTRUCTION MANUAL

### Overview

Ideal for whole home distribution, restaurant and bar, and commercial audio/video applications, the Component Video & Stereo Audio Distribution Amplifier provides four high-definition component video(YPbPr)and stereo audio outputs from a single source. Multiple Component Video & Stereo Audio Distribution Amplifiers may be linked when more than four outputs are required. If required, the Component Video & Stereo Audio Distribution Amplifier may also be used to distribute composite video, Y/C video, and analog audio.

### Features

- True one to one ratio
- No signal loss
- 300 MHz Bandwidth(-3db for YPbPr)
- Supports 1080i and 1080p high-definition signals
- Compatible with all HDTV component video signals
- Composite video, Y/C video, and analog audio compatible
- Daisy chain several units for larger displays with great picture quality
- Heavy duty metal housing provides excellent shielding

### Specifications

<b>Voltage Requirement</b>	9VAC
<b>Power</b>	AC
<b>Current Requirement</b>	600mA(max)
<b>Input Connectors</b>	3 female RCA(1 YPbPr),1 female RCA(1 stereo)
<b>Output connectors</b>	24 female RCA(4 YPbPr),16 female RCA(4 Stereo)
<b>Output Range</b>	50 meters
<b>High-definition Compatible</b>	1080i,1080p,780i,780p,480i,480p compatible
<b>Video Signal Bandwidth</b>	300MHz(-3db for YPbPr)
<b>Audio Frequency Response</b>	20Hz to 20 kHz
<b>Audio Crosstalk</b>	Better than -65 dB
<b>Crosstalk</b>	-65 or better
<b>Enclosure</b>	Black Metal
<b>Dimensions</b>	212mmx120mmx30.8(LxHxW)
<b>Diagnostic</b>	Red power LED green signal LED
<b>Included Accessories</b>	9VAC power Adapter

\*Specifications subject to change without notice

### Linking

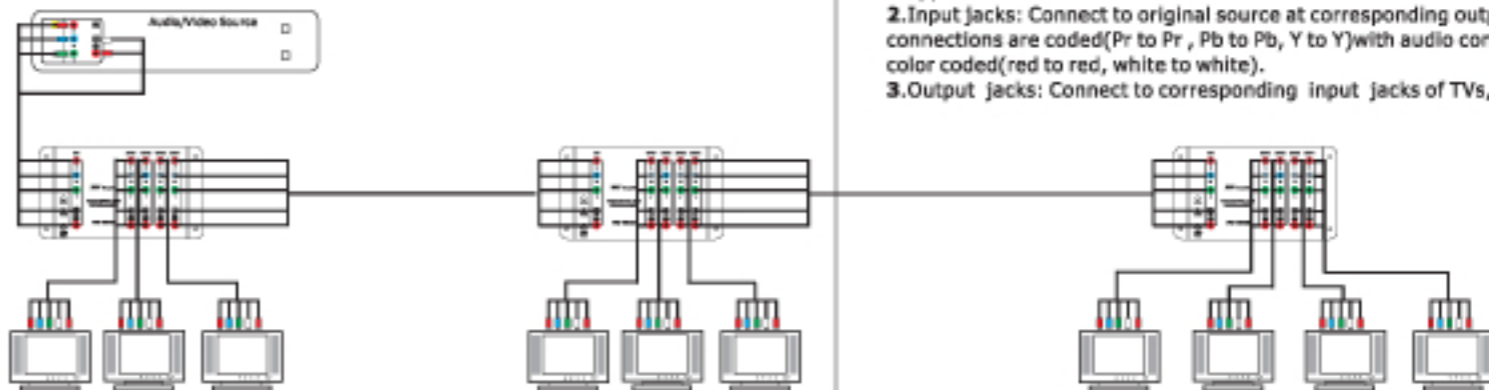
To display the same image on more than four monitors, multiple Component Video & Stereo Audio Distribution Amplifiers may be linked. Simply connect the input of additional Component Video & Stereo Audio Distribution amplifiers to the four outputs of the original Component Video & Stereo Audio Distribution Amplifier.

### Troubleshooting

If your equipment malfunctions with Component Video & Stereo Audio Distribution Amplifiers in place, follow the troubleshooting procedures below:

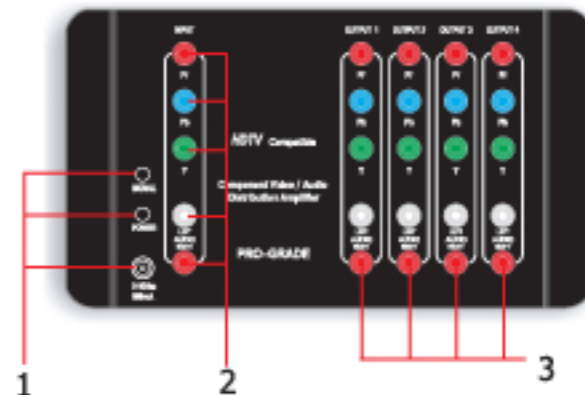
- 1.Perform diagnostics on your video equipment by following the manufacturer's instructions.
- 2.Check all the connections and the cabling in between devices.
- 3.The maximum operational distances over which the Component Video & Stereo Audio Distribution Amplifier can be transmitted is dependant on the equipment and used cable. Ensure that the maximum recommended operational distances have not been exceeded.
- 4.Replace the Component Video & Stereo Audio Distribution Amplifier with another Component Video & Stereo Audio Distribution Amplifier that is known to be working.

### Common Audio/Video Sources: VCR,CD,Satellite receiver,etc.



### General Installation

The Component Video & Stereo Audio Distribution Amplifier allows any audio/video source with Pr, Pb, Y, application outputs(component),to distribute audio and video. The signal ratio is true one to one with no loss from original source to four different locations. These locations must have the same application as your audio/video source



- To install an Component Video & Stereo Audio Distribution Amplifier , perform the following steps:
- 1.9 Volt AC input jack at 600 mA with 2.1 mm power jack. LED lights up when power is applied
  - 2.Input jacks: Connect to original source at corresponding output jacks Video connections are coded(Pr to Pr , Pb to Pb, Y to Y)with audio connections being color coded(red to red, white to white).
  - 3.Output jacks: Connect to corresponding input jacks of TVs,VCRs,etc.