

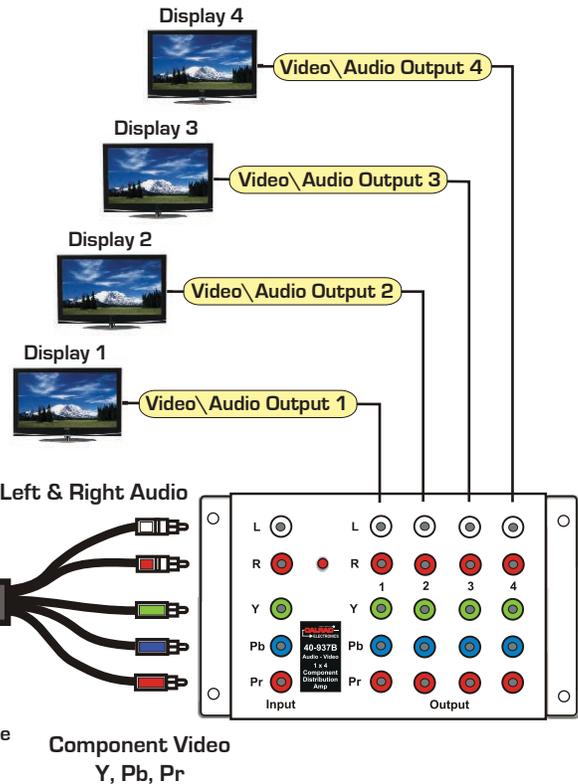
# 40-937B 1 X 4 HDTV DISTRIBUTION AMPLIFIER

.....®  
**CALRAD**  
ELECTRONICS

819 N. Highland Ave.  
Los Angeles, CA 90038  
Tel (323) 465-2131, Fax (323) 465-3504  
Visit us on the web at [www.calrad.com](http://www.calrad.com)

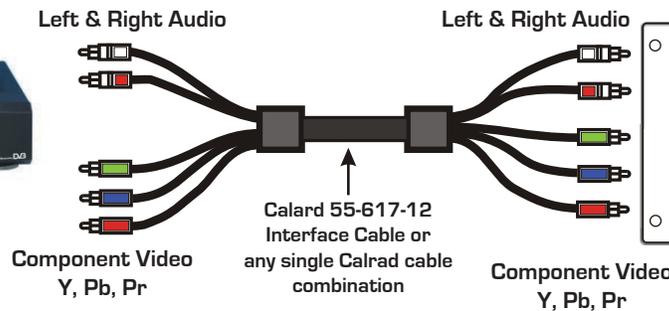


## Example Diagram:



## Source

HDTV, Satellite Box  
DVD, Blu-Ray



## SPECIFICATIONS:

### Video:

- Component Video bandwidth: >200 Mhz
- Component Input to Output unity-gain, X 4 Outputs +3db
- Component Video formats (YPrPb): 480i, 480P, 720p, 1080i
- Component Video-Input Termination: 75 ohms

### Analog Audio:

- Input Impedance: 47K
- Frequency Response: 20hz - 25Khz
- Cascade Input to Output unity-gain, X 4 Outputs unity gain

### Power:

- Power indicator: Red L.E.D
- Input power: External Dc Power Supply 12Vdc 500ma, 2.1mm Coax plug, [Included]
- Current Consumption: 150 ma

### Mechanical:

- Audio, Video Input \ Output jacks RCA, gold plated female type
- Dc Power Input 2.1 coax, female type
- Chassis Size: W- 7.5" x H- 3.5" x D-1.25", Weight: 452g.
- Enclosure type: Metal, Chassis Color: Black

Calrad's 40-937B State of the Art distribution amplifier delivers signals for High Definition or Standard definition Video formats. Calrad HDTV rated cable or equivalent cable must be used for the proper delivery of HDTV signals for distances up to several hundred ft. to Drive Plasma, LCD, DLP monitors for multiple display applications. The 40-937B has the ability to distribute 4 outputs of (Component Video.Y, Pb, Pr)+ analog stereo audio or 3 composite video signals and stereo analog audio or 3 Digital audio and stereo analog audio signals. High frequency, fast slew rate op-amps with 75 ohm termination circuitry provides low noise and distortion free video without any appreciable signal degradation. High quality connectors for repeated removal and insertion of cables, will provide many years of trouble free operation. The 40-937B unit may be used free standing or mounted horizontally, or vertically on a wall using the 4 mounting holes. A red L.E.D. on the front panel indicates that the 40-937B has power.