

CALRAD
ELECTRONICS

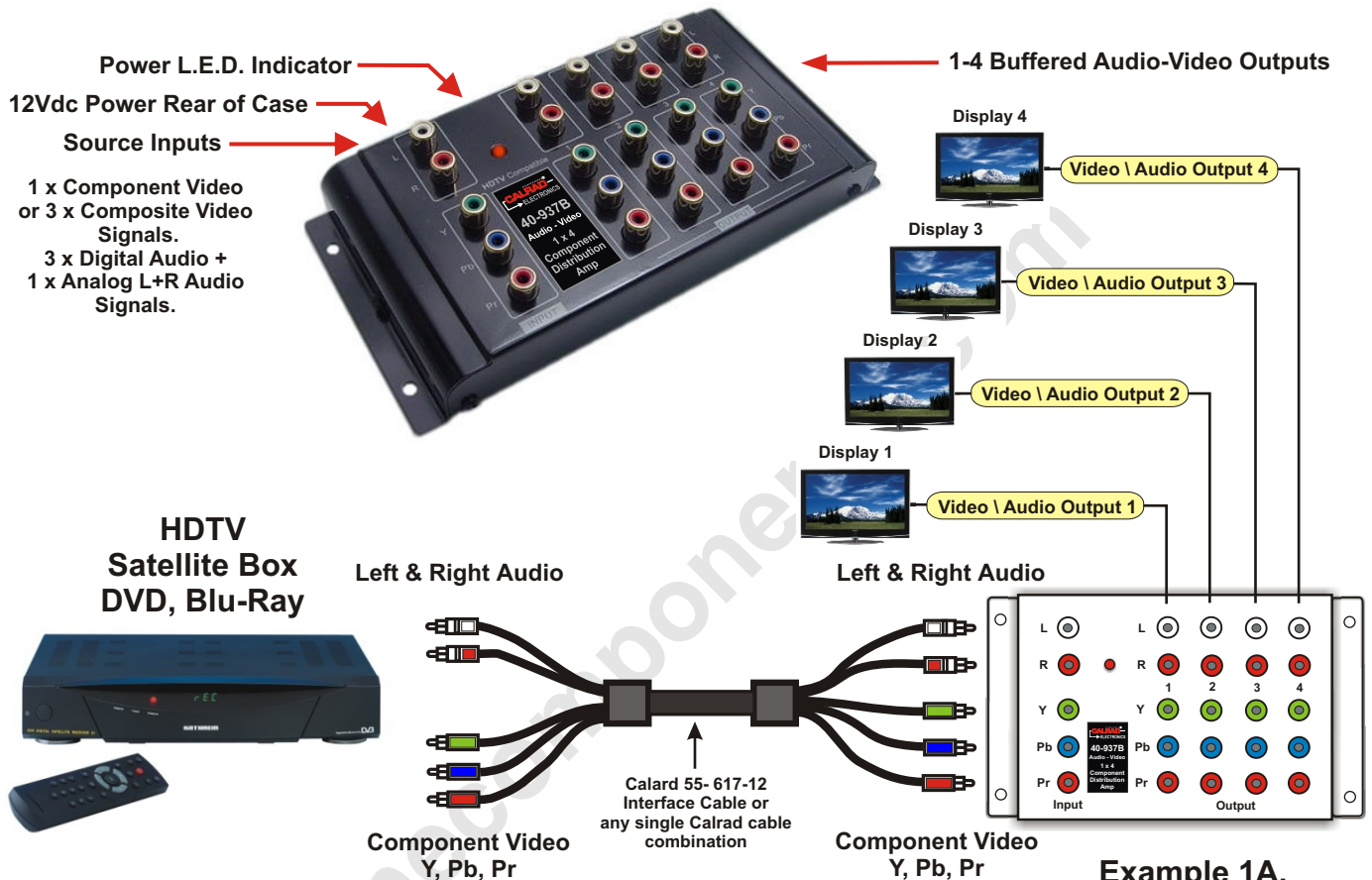
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New Product Update 2010
40-937B 1 x 4
HDTV Distribution Amplifier



Example 1A.
Hookup Diagram

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

Features:

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.