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CALRAD
ELECTRONICS

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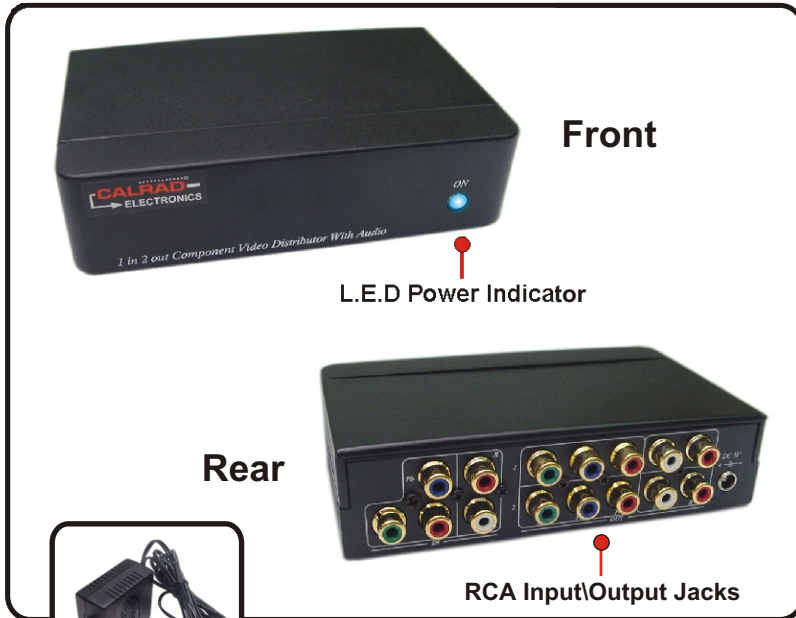
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 Visit us on the web at www.calrad.com

Part No.

40-40YD02A

1 x 2 HDTV Component Distribution Amplifier with Analog Audio

Calrad's New 40-40YD02A can distribute HDTV and analog audio from a single A/V source to two HD displays. Compatible with all HDTV component video signals from Set top boxes, Satellite TV, DVD players, xBox, PS3. Allows up to 100 ft. runs per output using high grade component audio - video cables. The 40-40-40YD02A is compatible with all Calrad component video balun products. See Example 1A. for typical hookup details.



High Definition Bandwidth up to 1080P

Specifications:

Video

Nominal input level: 1 Volt peak to peak
 Gain: 1 Volt terminated into 75 ohms, (2 Volts unterminated)
 Input Impedance: 75 ohms
 Output Impedance: 75 ohms
 In to Out Isolation: 50Hz to 10MHz 32 dB Port to Port
 Out to In Isolation: 50Hz to 10MHz 60 dB
 Return loss: 50Hz to 10MHz 20 dB
 HDTV Video bandwidth: 400MHz, 480P, 720P, 1080i, 1080P

Audio

Gain: Unity
 Input Impedance: 10k ohms
 Output Impedance: 10k ohms
 THD: 0.05% at 1.0 Volts input level
 Frequency Response: 20Hz to 100kHz
 Channel Separation: >75 dB @ 1kHz
 Port to Port Isolation: 60 dB
 Output to Input Isolation: 60 dB
 Signal to Noise: >100 dB @ 2 Volts (out)

Power Requirement

Power Supply: 1A, 5Vdc with a (2.1mm center diameter) coaxial jack, (Included).

Input/Output Audio-Video Connectors

Gold plated female RCA jacks

Size

5.71" L x 3.57" W x 1.6" H

Color

Black

