

KD-CDA3



KD-CDA3 is a 3 Channel Component/RGBHV Video/Audio Distribution Amplifier



General:

- > Enables 3-channel signal distribution from any HDTV or SDTV Component Video
- > (YPbPr) or RGBHV Video source including 1080p, to HDTV-ready displays
- > Also distributes S-Video
- > Also distributes a Composite Video (CVBS) signal to up to seven (7) Composite Video displays
- > Distributes Video and analog stereo or digital (PCM) Audio
- > RGBHV installations preclude Audio distribution with your KD-CDA3 unit
- > No controls
- > Crystal-clear images

Inputs:

- > One (1) Audio/Video Input
- > Three (3) Audio/Video Outputs
- > Each Input and Output array is comprised of three (3) component YPbPr analog Video connectors, and two (2) analog stereo Left and Right Audio connectors:
 - Instead of analog Audio Input/Output, the two (2) connectors can be used for: The Horizontal (H) and Vertical (V) sync for RGBHV signals, or Two (2) PCM digital Audio signals
- > RCA connectors for all Video and Audio inputs and outputs
- > Future-proof and expandable:
 - Can be cascaded to KD-CDA3 or other Key Digital® Distribution Amplifiers to drive as many outputs as desired from one source
- > It is possible to substitute Composite Video (CVBS) or S-Video in place of the Component Video signals, using appropriate adapter cables

Compatible Video Signals:

- > Compatible with all standard analog video signal formats that use 50Hz or 60Hz refresh rates, including: 1080p, 1080i, 720p, 576p, 576i, 540p, 480p, 480i

Video:

- > Component Video (YPbPr) or RGBHV Video
- > RGBHV installations preclude Audio distribution with your KD-CDA3 unit
- > Three RCA-type color-coded input connectors (YPbPr, RGB)
- > 1V p-p @ 75 ohms, terminated
- > 300 MHz video bandwidth

Sync:

- > Component Video (YPbPr) sync on "Y" input
- > The analog audio input/output connectors also serve as the Horizontal and Vertical sync for RGBHV signals
- > It is possible to substitute Composite Video (CVBS) or S-Video in place of the Component Video signals, using appropriate adapter cables
- > Supports up to seven (7) CVBS Outputs or three (3) S-Video Outputs

Cable Recommendations:

- > Each run of YPbPr cable MUST be the same length (300' maximum)
- > Bandwidth -3 dB @ 300 MHz Linear phase pass-band
- > Drives video signals up to 300 feet

Video Gain

- > Unity gain for YPbPr and RGBHV

Analog Audio:

- > Analog stereo (Left and Right) Audio
- > Two RCA-type color-coded input connectors (L, R)
- > High-impedance (1K ohm) line level inputs
- > RGBHV installations preclude Audio distribution with your KD-CDA3 unit

Digital Audio:

- > Use the analog Audio Left and Right connectors for digital PCM Audio
- > Standard PCM digital format
- > RGBHV installations preclude Audio distribution with your KD-CDA3 unit

Mounting Information:

- > A convenient mounting bracket is provided
- > The top and bottom of the unit are solid metal (no vents)
- > The unit may be oriented horizontally, or mounted vertically on a wall
- > Use #8 or M4 screws to hang the unit (keyhole slots are provided on the base of the unit)

Mechanical:

- > Size: 4" x 8" x 1-13/16"
- > Weight: 1.5 lbs. (0.7 kg.)
- > Enclosure Type: Metal
- > Plastic mounting bracket, included

Power Requirements:

- > External power supply
- > +5V DC, 110-120 VAC, 60 Hz (7 watts)



CAUTION: If installing the KD-CDA3 unit or Mounting Bracket into sheet-rock or hollow walls, provide proper screw support with bolts or sheet-rock anchors.



CAUTION: No other power supply adapter can be used with this unit! Using a power supply other than the one provided by Key Digital® with your unit **VOIDS THE ENTIRE PRODUCT WARRANTY**, may cause damage to your unit and associated equipment, and is a potential safety hazard.



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