



CAT5/6/7 VGA/Component Distribution Amplifiers

KD-CATDA4TX

4 Channel VGA/Component Distribution Amplifier
Transmit Balun with Video & Audio Throughputs



Key Features

- > Distributes VGA/Component Video and Stereo or Mono Audio to 4 (KD-CATDA4TX) or 8 (KD-CATDA8TX) CAT5/6/7 outputs up to 1000 feet
- > Supports all SD, HD, and VESA (VGA, SVGA, XGA, WXGA, SXGA, UXGA) resolutions up to 1080p (60Hz & 50Hz)
 - > Component (YPrPb): 480i, 480p, 720p, 1080i
 - > VGA (RGBHV): From 640x480p up to 1920x1200p
- > Video/Audio Gain and EQ adjustment when used with KD-CVARX Receiver Balun

Key Benefits

- > Connects a VGA/Component Video Source and Stereo or Mono Audio to 4 (KD-CATDA4TX) or 8 (KD-CATDA8TX) displays up to 1000 feet away over a single CAT5/6/7 cable
- > Compatible with any VGA or Component Video source device, and accepts all video resolutions
- > Full integration with Key Digital KD-CVARX

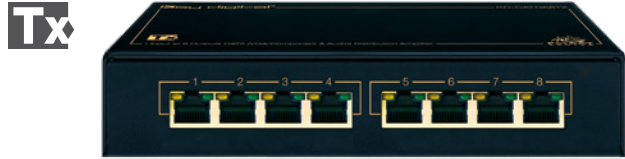
Expansion

- > Capable of expansions using 8 total units, supporting video and audio to 32 (KD-CATDA4TX) or 64 (KD-CATDA8TX) displays when using Key Digital VGA Expansion Cables

NEW

KD-CATDA8TX

8 Channel VGA/Component Distribution Amplifier
Transmit Balun with Video & Audio Throughputs



Specifications

Technical:

- > Inputs: 1 VGA/UXGA 1Vpp/75Ω on an HD15 male connector; YPrPb 1Vpp/75Ω on a VGA female to three RCA female breakout cable, 1 Stereo analog unbalanced audio, 0dBu/1kΩ, 0.5V/75Ω, on a 3.5 mm stereo female connector
- > Outputs: 4 (KD-CATDA4TX) or 8 (KD-CATDA8TX) CAT5 line in on an RJ45 shielded connector (video/audio)
- > Max Video Input Level: VGA or YPrPb: 1.2Vpp on 75Ω, AC coupling
- > Max Video Output Level: VGA or YPrPb: 1.5Vpp on 75Ω, DC coupling;
- > Resolution: Up to UXGA 1080p
- > Return Loss: -19 dB
- > Equalization and Gain Adjustment (Rx): Manual adjustment by two potentiometers (Gain, EQ) for CAT5 cable length measurement up to 1,000 ft. on the KD-CVARX Balun
- > Video S/N Ratio: 58 dB RMS un-weighted; 65 dB RMS @5MHz weighted, optimal EQ
- > K-Factor: 0.22 % @ optimal EQ
- > Video Isolation (Crosstalk): -45dB @ 5MHz
- > Max Analog Audio Input Level: 4dBu on 50kΩ, AC coupling
- > Max Analog Audio Output Level: 4dBu on 150kΩ, DC coupling
- > Audio Bandwidth: 20Hz to 20kHz, @ 0dBu
- > TND + Noise: 0.33% @ 0dBu @ 1kHz
- > Analog Audio Sample Rate Conversion: 48kHz
- > Resolution Conversion: 24 bits
- > Power: External Power Supply. 5V / 1A

General

- > Regulation: CE, RoHS, WEEE
- > Rack Mount: Shelf Mount
- > Product Dimensions: L = 7" W = 3.5" H = 1.5"
- > Shipping Carton Dimensions: L = 10.25" W = 6.5" H = 2.5"
- > Accessories: VGA (F) to RCA (F) Breakout Cable, VGA M to F Cable, 3.5mm Stereo Audio Cable, UL Certified Power Supply
- > Enclosure: Black Metal
- > Product Weight: 1 lb
- > Shipping Weight: 2 lbs

System Design Example

