

# Clear Video3

KD-CTCA3



## Technical Specifications

### General

- One Component Video (YPrPb) Input to two VGA (RGBHV) Outputs Video Adapter
- Smallest Component Video to VGA Adapter on the market today
- Enables display of:
  - progressive DVD players or Component Video HDTV Set Top Boxes on VGA monitors and projectors
  - Xbox and other game consoles at 480p, 720p, and 1080i/540p on standard VGA monitors and projectors
- Compatible with:
  - all Component Video HDTV Set Top Boxes
  - all NTSC and PAL interlaced and progressive formats
- Xbox and Game Cube video games

### Control and Adjustments

- Auto Mode automatically adjusts for ANY incoming video scanning format
- H sync selection: Composite Sync (CS) or H drive

### Accepted Scanning Formats

- 50 Hz or 60 Hz refresh: 480i, 480p, 576i, 576p, 1080i/540p, 720p
- Output scanning format is always the SAME as the input scanning format

### Outputs

- VGA (RGBHV) Video:
  - One RGBHV output (DB15 output connector)
  - One Component Video pass-through output, always active
  - RGB: 0.7 V p-p, 75 Ohm, terminated at the source
  - Negative TTL sync for H&V in RGBHV mode, or negative Sync-on-Green for RGsB mode
  - Polarity of H&V sync for pass-through RGBHV is the same as input H&V polarity

### Mechanical

- RCA (for Component Video) and DB15 (frequently used for VGA/computer) connectors
- Size: 2" x 4.75" x 0.75"
- Weight: 1 lbs.
- Enclosure type: Plastic

**When you need to drive a VGA (RGB) projector or monitor from a Component Video source (such as a progressive output DVD player).**

*Component (YPrPb) Input to VGA (RGBHV) Output Video Adapter with VGA auto switching pass-through and active component pass-through.*

Automatic Component Video to VGA adapter. ClearVideo3 is the world's smallest adapter on the market to "glue" your Component Video (YPrPb) devices, such as progressive DVD players, video games (like Xbox and Game Cube), and HDTV Set Top Boxes, to VGA monitors and projectors. Each unit works with all video formats -- 480p, 720p, 1080i/540p, NTSC, PAL, interlaced, progressive. With our very cost-effective ClearVideo products, you get crystal-clear processing and you can actually drive two VGA monitors from each unit, with cable lengths up to 50 feet.

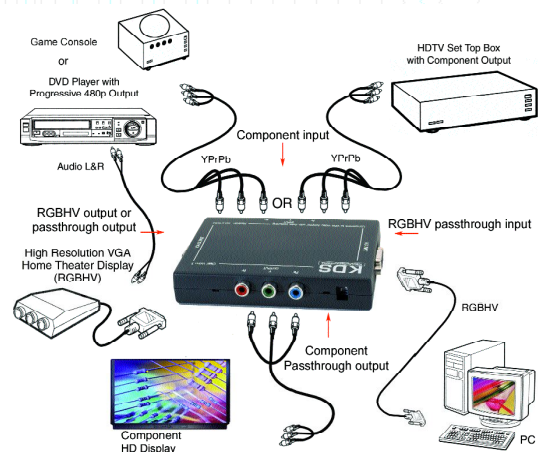
### Video Inputs

- One Component Video (YPrPb) input on three RCA female jacks
- One auto switching RGBHV input connected to RGBHV output when Component Video input has no sync on "Y"
- 1 V p-p @ 75 Ohm terminated
- Composite Sync on "Y"

### Processing

- HDTV colorimetry matrix
- Video bandwidth -3 dB at 110 MHz, linear-phase passband, for crystal-clear display
- Auto switching between RGB input and Component Video converted to RGB
- unit will recognize sync on Y for switching between Component Video converted to RGB or RGBHV input
- Output RGB formats: RGBHV or RGsB
- Outputs can drive cables up to 50 feet

KD-CTCA3



Clear Video3

26