

# HDTV Component Video + Stereo Audio Extender via CAT5

VEEMUX®

## Extend a HDTV display and speakers up to 600 feet (183 meters) from a YPbPr component video source

- Supports local and remote TVs/monitors/projectors and speakers.
- Supports HDTV resolutions to 1080p.
- Audio can be left and right stereo or digital S/PDIF.
- Optional VESA mounting bracket is available for mounting the remote unit to the back of a flat panel monitor.



### XTENDEX® ST-C5HDTV-600 (Remote and Local Unit)

The XTENDEX® Component Video Extender transmits YPbPr component video and analog or digital audio up to 600 feet (183 meters) away from a component video device (DVD, satellite receiver, etc) using CAT5/5e/6 cable. Each video extender consists of a local unit that connects to a component video device and also supplies audio/video to a local display and speakers, and a remote unit that connects to a display and speakers.

## Specifications

### Local Unit

#### Source Connection

- ST-C5HDA-600: three RCA plugs for YPbPr component video and one RCA plug for digital audio.
- ST-C5HDTV-600: three RCA plugs for YPbPr component video and two RCA plugs for analog stereo audio.

#### Local Access

- ST-C5HDA-600: three RCA jacks for YPbPr component video and one RCA jack for digital audio.
- ST-C5HDTV-600: three RCA jacks for YPbPr component video and two RCA jacks for analog stereo audio.

### Remote Unit

- ST-C5HDA-600: three RCA jacks for YPbPr component video and one RCA jack for digital audio.
- ST-C5HDTV-600: three RCA jacks for YPbPr component video and two RCA jacks for analog stereo audio.

### Video

- Signal type: HDTV YPbPr component.
- Maximum input/output levels: 1.45Vp-p.
- Input/output impedance: 75 Ohms.
- Bandwidth: 90Mhz at 100 feet (30.5 meters), 50Mhz at 600 feet (183 meters).
- Resolutions: HDTV 480i, 480p, 720i, 720p, 1080i, and 1080p.

### Video Quality Adjustment

- Automatically adjusts the video quality to compensate for varying lengths of CAT5/5e/6 cable.

### Environmental

- Operating temperature: 32°F to 100°F (0°C to 38°C).
- Storage temperature: -22°F to 140°F (-30°C to 60°C).
- Operating/storage relative humidity: 17 to 90% non-condensing RH.

### Audio

- Audio can be left and right stereo or digital coax S/PDIF.
- Audio can be heard both locally and remotely.
- CD quality audio output.

#### Digital Audio (ST-C5HDA-600)

- Signal type: coax S/PDIF, DTS Digital Surround™, Dolby Digital™ 5.1.
- Input/output levels: 0.5Vp-p.
- Input/output impedance: 75 Ohms.

#### Stereo Audio (ST-C5HDTV-600)

- Signal type: stereo audio, analog, left/right.
- Maximum input/output levels: 3.1Vp-p.
- Input impedance: 10K Ohms.
- Output impedance: 50 Ohms
- Frequency Response: ±0.01 dB, 20 Hz to 20 kHz.
- Total Harmonic Distortion + Noise (THD+N): <0.017%.
- Signal-to-Noise Ratio (SNR): >76 dBA.
- Stereo crosstalk: -70 dB.

### Power

- Local and remote units: 110 or 220 VAC at 50 or 60 Hz via AC adapter. (Country-specific AC adapter included.)
- Power consumption: 10W (each – local and remote unit).

### Regulatory Approvals

- CE, RoHS

### Warranty

- Two years

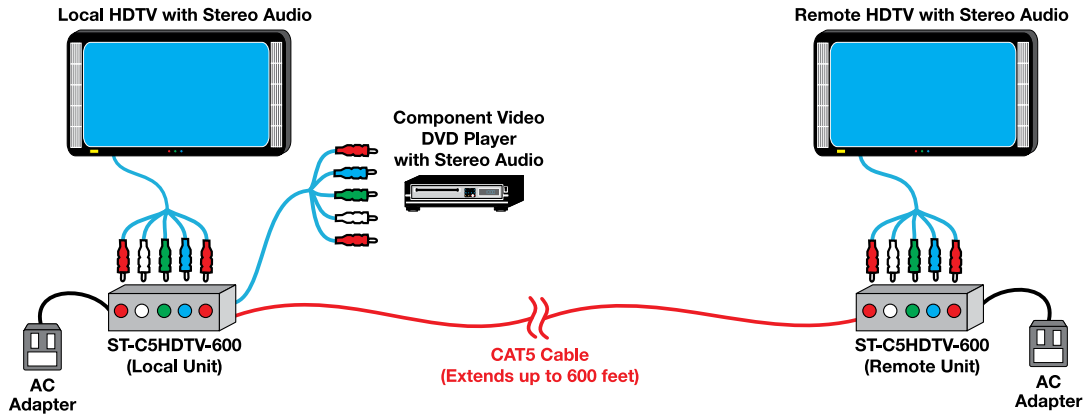
MTBF			
NTI Part #	MTBF (hrs)	NTI Part #	MTBF (hrs)
ST-C5HDA-L-600 (local)	91,308	ST-C5HDA-R-600 (remote)	84,065
ST-C5HDTV-L-600 (local)	77,426	ST-C5HDTV-R-600 (remote)	83,389

# HDTV Component Video + Stereo Audio Extender via CAT5

VEEMUX®

Extend a HDTV display and speakers up to 600 feet (183 meters) from a YPbPr component video source

## Configuration and Cable Illustration of ST-C5HDTV-600



### Component Video Extender Models

Supported Features	NTI Part #	Size WxDxH (in)
HDTV component video + digital audio	ST-C5HDA-600	3.48x3.08x1.07 (88x78x27 mm)
HDTV component video + stereo audio	ST-C5HDTV-600	3.48x3.08x1.07 in (88x78x27 mm)

### CAUTION

Not an Ethernet device. Do not connect to an Ethernet device (card, router, switch, bridge). Permanent damage to the product or Ethernet device may result.

### Options

- Use to mount the remote unit to the back of a flat panel monitor.
- Compliant to VESA 75mm and 100mm mounting hole patterns.
- Dimensions WxH: 9.7x4.8 in (246x122 mm)
- Compatible with the remote unit only.