

HDTV EXTENDER

Extend a HDTV display and speakers up to 600 feet from a YPbPr component video source

Available Models:

- **Component Video with Digital Audio**
- **Component Video with Stereo Audio**



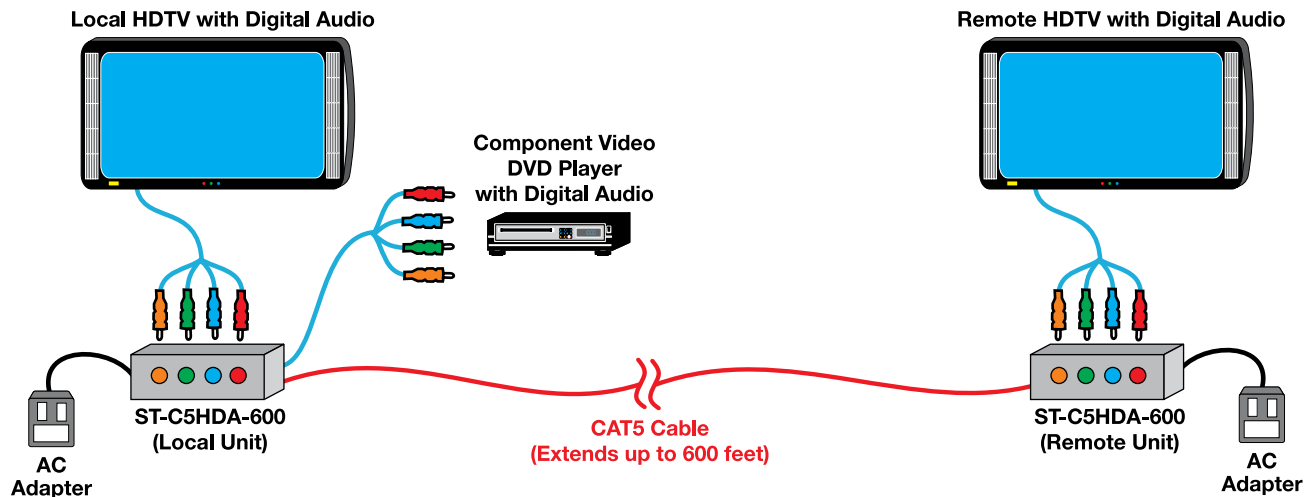
XTENDEX® ST-C5HDA-600 (Remote and Local Unit)

Features & Applications

The XTENDEX® HDTV Extender transmits YPbPr component video and analog or digital audio up to 600 feet away from a component video device (DVD, CD, 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 TV or monitor and speakers.

- Easily transmit a high-definition component video signal to a projector in the ceiling by using compact CAT5/5e/6 cable instead of bulky cable bundles.
- Send high quality video signals from the DVD player in your basement to the great room upstairs.
- Supports local and remote TVs/monitors/projectors and speakers.
- Supports 480i (interlaced), 480p (progressive), 720i, 720p, 1080i, and 1080p formats.
- Audio can be Left and Right stereo or digital S/PDIF.
 - ST-C5HDA-600 supports coax S/PDIF, DTS Digital Surround™, and Dolby Digital™ 5.1 digital signals.
 - ST-C5HDTV-600 supports analog stereo audio.
- Built-in surge protection.

Configuration and Cable Illustration of ST-C5HDA-600



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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, 50Mhz at 600 feet.
- 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.

Power

- Local and remote units: 110 or 220 VAC at 50 or 60 Hz via AC adapter.

Audio

- Audio can be Left and Right stereo or digital coax S/PDIF.
- Audio can be heard both locally and remotely.

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

Regulatory Approvals

- CE, RoHS

Warranty

- Two years

HDTV Extender Models

Supported Features	NTI Part #	Size WxDxH (in)
HDTV component video + digital audio	ST-C5HDA-600	3.5x3.1x1.2
HDTV component video + stereo audio	ST-C5HDTV-600	3.5x3.1x1.2



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