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.

DIGITAL SIGNAGE

XTENDEX® ST-C5CMPSA-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-C5CMPDA-600: three RCA plugs for YPbPr component video and one RCA plug for digital audio.
- ST-C5CMPSA-600: three RCA plugs for YPbPr component video and two RCA plugs for analog stereo audio.

Local Access

- ST-C5CMPDA-600: three RCA jacks for YPbPr component video and one RCA jack for digital audio.
- ST-C5CMPSA-600: three RCA jacks for YPbPr component video and two RCA jacks for analog stereo audio.

Remote Unit

- ST-C5CMPDA-600: three RCA jacks for YPbPr component video and one RCA jack for digital audio.
- ST-C5CMPSA-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

Max Distance
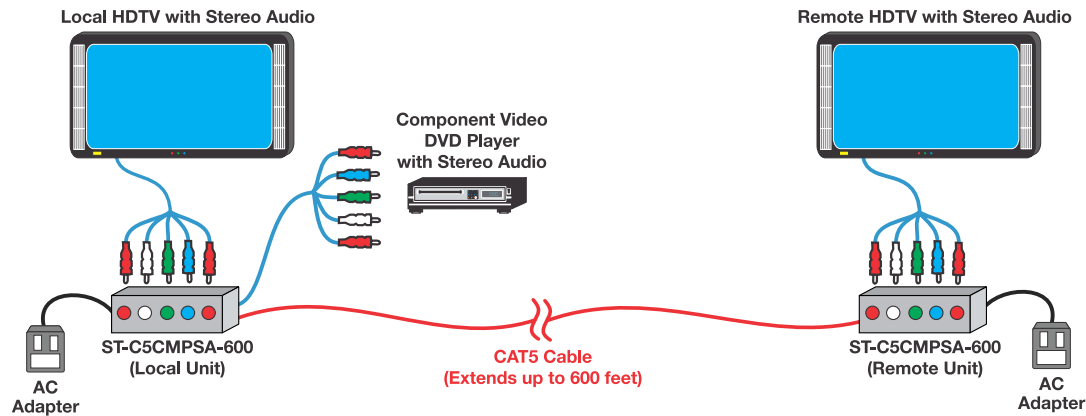
- 600 feet (183 meters) over CAT5/5e/6 cable.

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

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Configuration and Cable Illustration of ST-C5CMPSA-600

Local HDTV with Stereo Audio

Component Video DVD Player with Stereo Audio

ST-C5CMPSA-600 (Local Unit)

AC Adapter

CAT5 Cable (Extends up to 600 feet)

Remote HDTV with Stereo Audio

ST-C5CMPSA-600 (Remote Unit)

AC Adapter

Component Video Extender Models

Supported Features	NTI Part #	Size WxDxH (in)
HDTV component video + digital audio	ST-C5CMPDA-600	3.48x3.08x1.07 (88x78x27 mm)
HDTV component video + stereo audio	ST-C5CMPSA-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.