

# HC 402

## MEETING SPACE COLLABORATION SYSTEM WITH DECORATOR-STYLE WALLPLATE TRANSMITTER



The Extron HC 402 combines video switching, scaling, signal extension, and system control into a transmitter and receiver pair at a price point that fits any application. Advanced Extron scaling technology ensures excellent image quality with maximum detail and color accuracy. Built-in control capabilities facilitate automatic source switching, display control, and integration with occupancy sensors for an intuitive, effortless user experience. The HC 402 low-profile wallplate transmitter and compact receiver are ideal for discreet placement in walls and lecterns, beneath tables, or wherever required.

- ▶ Powerful, cost-effective solution for meeting rooms
- ▶ Low-profile decorator-style wallplate transmitter mounts in a one-gang junction box
- ▶ Auto-switching between inputs
- ▶ Signal extension for video, audio, and power up to 230 feet (70 meters) over a shielded CATx cable
- ▶ Built-in control capability
- ▶ Automatic display control via bi-directional RS-232, Ethernet, IR or CEC
- ▶ Centralized monitoring with GlobalViewer® Enterprise

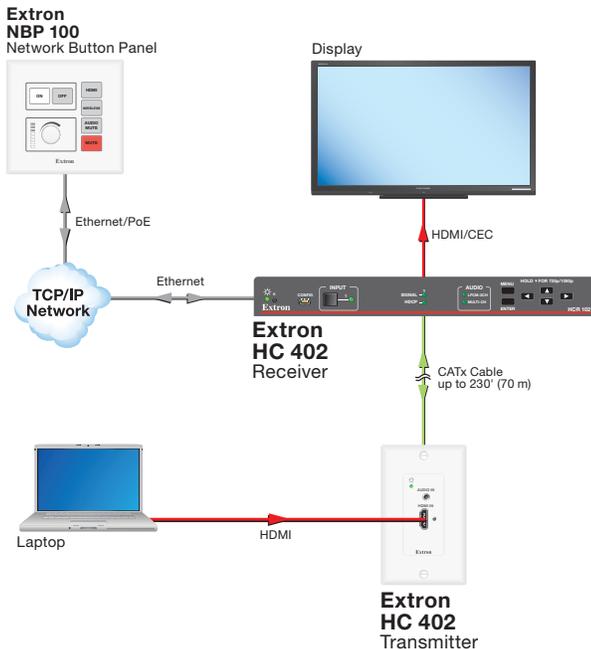
## DESCRIPTION

The **HC 402** is easy to use and fully operational out of the box. Automatic power control and switching allow users to collaborate with minimal interaction with the AV hardware. The system powers the display on when a presenter connects a source device, and automatically switches to each new source device as it is connected. When no signal is detected, the system powers down after a predetermined time period. For further flexibility, integration with Extron OCS 100 occupancy sensors can automatically power the system on when users enter the room. Connecting a ShareLink™ Pro wireless collaboration gateway to the receiver's HDMI input adds support for wireless BYOD – Bring Your Own Device environments, providing effective collaboration and content sharing from a wide variety of mobile devices.

The HC 402 is simple to install and set up. Robust signal extension over CATx cable eliminates the need for long and costly video cables. Remote power capability enables a single supply connected at the receiver to provide power to both the transmitter and receiver for uncluttered installation.

Configuring system AV settings is convenient with Extron Product Configuration Software and Extron Global Viewer Enterprise software facilitates monitoring of multiple systems over a standard network.

## APPLICATION DIAGRAM



## SPECIFICATIONS

**NOTE:** This product consists of a switching transmitter (HCT 101 D) and a scaling receiver (HCR 102), sold together as a system.

### VIDEO INPUT

<b>Connectors</b>	
HCT 101 D	1 female HDMI type A
HCR 102	1 female HDMI type A
<b>Resolution range</b>	640x480 to 1600x1200 and 1920x1200*, 480p, 576p, 720p, 1080i, 1080p, and 2K *reduced blanking

### INTERCONNECTION BETWEEN TRANSMITTER AND RECEIVER

<b>Connector</b>	1 female RJ-45 on each unit (transmitter and receiver)
<b>Transmission distance</b>	Up to 230' (70 m) using shielded twisted pair (STP) cable or XTP DTP 24 STP cable with a 1080p, 60 Hz signal

### VIDEO PROCESSING

<b>Digital pixel data bit depth</b>	8, 10, or 12 bits per channel; 165 MHz pixel clock
<b>Colors</b>	1 billion (10 bit processing)

### VIDEO OUTPUT

<b>Connectors</b>	1 female HDMI
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### AUDIO INPUT

<b>Connectors</b>	1 female 3.5 mm mini stereo jack; tip (L), ring (R), sleeve (ground) 2 female HDMI Type A
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### AUDIO OUTPUT

<b>Connectors</b>	(1) 3.5 mm captive screw connector, 5 pole 1 female HDMI
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### COMMUNICATIONS

<b>USB control port</b>	1 front panel female USB mini-B
<b>Program control</b>	Extron Product Configuration Software (PCS) for Windows®

### COMMUNICATIONS – CONTROL PROCESSOR

<b>Software</b>	
Configuration software	Extron Global Configurator® Plus and Professional
Utilities	Toolbelt, embedded web page
<b>Ethernet</b>	
Connectors	1 female RJ-45 connector
<b>Serial</b>	
Quantity/type	1 bidirectional RS-232
<b>Digital I/O</b>	
Quantity/type	4 digital input/output (configurable)

### GENERAL

<b>Power supply</b>	External, included Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 4.2 A, 50 watts
<b>Regulatory compliance</b>	CE**, C-tick, c-UL, FCC Class A**, ICES, UL, VCCI Complies with the appropriate requirements of RoHS, WEEE

**NOTE:** \*\*CE and FCC testing is conducted with STP (shielded twisted pair) I/O cable.

**Everlast power supply warranty** 7 years parts and labor

Model	Version Description	Part number
HC 402	Meeting Collaboration System, Decorator Tx, White	42-285-01
HC 402	Meeting Collaboration System, Decorator Tx, Black	42-285-02

For complete specifications, please go to [www.extron.com](http://www.extron.com)  
Specifications are subject to change without notice.

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