

HC 402 MK

MEETING SPACE COLLABORATION SYSTEM WITH
MK-STYLE WALLPLATE TRANSMITTER



The Extron HC 402 MK 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 MK 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 MK-style wallplate transmitter mounts in a one-gang MK 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

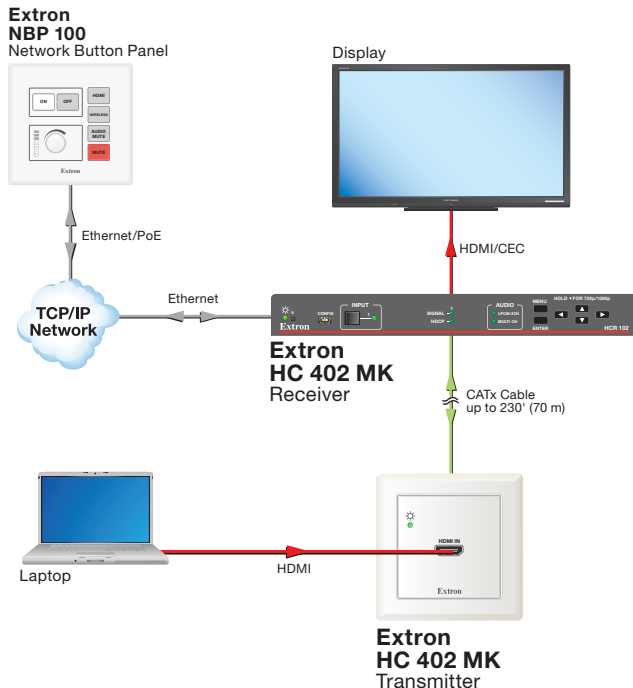
DESCRIPTION

The **HC 402 MK** 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 MK 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 EU or HCT 101 MK) and a scaling receiver (HCR 102), sold together as a system.

VIDEO INPUT

Connectors

HCT 101 EU, HCT 101 MK	1 female HDMI type A
HCR 102	1 female HDMI type A

Resolution range

640x480 to 1600x1200 and 1920x1200*, 480p, 576p, 720p, 1080i, 1080p, and 2K
*reduced blanking

INTERCONNECTION BETWEEN TRANSMITTER AND RECEIVER

Connector

1 female RJ-45 on each unit (transmitter and receiver)

Transmission distance

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

Digital pixel data bit depth

8, 10, or 12 bits per channel; 165 MHz pixel clock

Colors

1 billion (10 bit processing)

VIDEO OUTPUT

Connectors

1 female HDMI

AUDIO

Frequency response

20 Hz to 20 kHz, ±0.5 dB

THD + Noise

<0.1%, 20 Hz to 20k Hz at nominal level

S/N

>90 dB, at maximum input (unweighted)

AUDIO INPUT

Connectors

2 female HDMI Type A

AUDIO OUTPUT

Connectors

(1) 3.5 mm captive screw connector, 5 pole
1 female HDMI

COMMUNICATIONS

USB control port

1 receiver front panel female USB mini-B

Program control

Extron Product Configuration Software (PCS) for Windows®

COMMUNICATIONS – CONTROL PROCESSOR

Software

Configuration software	Extron Global Configurator® Plus and Professional
Utilities	Toolbelt, embedded web page

Ethernet

Connectors	1 female RJ-45 connector
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Serial

Quantity/type	1 bidirectional RS-232
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Digital I/O

Quantity/type	4 digital input/output (configurable)
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GENERAL

Power supply

External, included
Input: 100-240 VAC, 50-60 Hz
Output: 12 VDC, 4.2 A, 50 watts

Regulatory compliance

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

HC 402 MK

Version Description

Meeting Collaboration System, MK Tx

Part number

42-287-01

For complete specifications, please go to www.extron.com
Specifications are subject to change without notice.

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