

# XTP R HWP 201

XTP RECEIVER WITH 90° HDMI  
CONNECTOR FOR  
WALL-MOUNTED DISPLAYS

**XTP**  
SYSTEMS



The Extron XTP R HWP 201 is a Decora-style wallplate receiver ideal for installation directly behind wall-mounted displays. The HDMI port is oriented upward at a 90° angle to minimize stress on the cable. This HDCP-compliant receiver accepts XTP® signals from up to 330 feet (100 meters) away over a single shielded CATx cable and outputs video, audio, bidirectional control, and Ethernet. The XTP R HWP 201 is designed for use in XTP Systems® for long distance signal transmission to a wall-mounted display.

- ▶ Receives video with embedded audio, bidirectional RS-232 and IR, and Ethernet up to 330 feet (100 meters) over a shielded CATx cable
- ▶ Unique low-profile wallplate design requires minimal space behind a flat panel display
- ▶ 90° HDMI connection allows cable to lay flat against the wall
- ▶ Convenient cable tie-down point ensures a secure and reliable HDMI connection
- ▶ Supports computer video up to 1920x1200, including HDTV 1080p/60 Deep Color and 2K
- ▶ Compatible with CATx shielded twisted pair cable
- ▶ Extron XTP DTP 24 shielded twisted pair cable is strongly recommended for optimal performance
- ▶ Bidirectional RS-232 and IR insertion for AV device control
- ▶ Side-mounted LED indicators for signal presence, audio, and power
- ▶ HDCP compliant
- ▶ Ethernet extension
- ▶ HDMI audio de-embedding with analog stereo audio output and volume control
- ▶ Mounts in an included two-gang Decora®-style wallplate
- ▶ Remote power capability



**Extron Electronics**  
INTERFACING, SWITCHING AND CONTROL

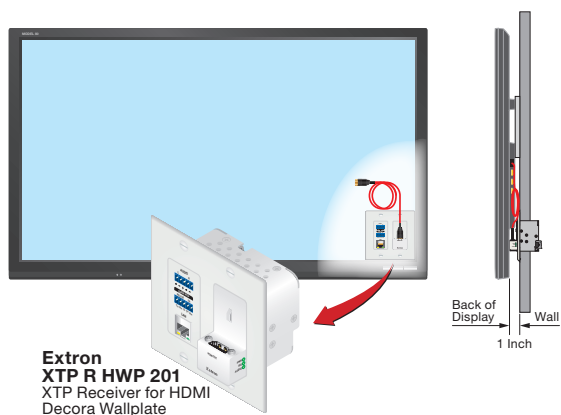
## DESCRIPTION

The Extron **XTP R HWP 201** is a Decora®-style wallplate receiver for XTP Systems®. It features a unique, Extron-exclusive design specifically to address the space constraints behind wall-mounted displays. The HDMI output connector is oriented upward at a 90° angle to minimize stress on the cable, and a cable tie-down point ensures a secure and reliable connection. The receiver accepts XTP® signals from up to 330 feet (100 meters) away over a shielded CATx cable and outputs video, audio, bidirectional control, and Ethernet. It also provides HDMI audio de-embedding with analog stereo audio output and volume control. For simplified integration, it can be remotely powered by the XTP CrossPoint® matrix switcher or via optional power injector. The XTP R HWP 201 accepts long-distance signal transmissions in wall-mount environments.

## KEY FEATURES

- ▶ Unique low-profile wallplate design requires only 1" of space from the wall to the display
- ▶ 90° HDMI connection allows the cable to lay flat against the wall
- ▶ Convenient cable tie-down point ensures secure and reliable HDMI connection
- ▶ Accepts video with embedded audio, bidirectional RS-232 and IR, and Ethernet up to 330 feet (100 m) over a single shielded CATx cable
- ▶ Supports computer video up to 1920x1200, including HDTV 1080p/60 Deep Color and 2K
- ▶ Compatible with Extron XTP DTP 24 and CATx shielded twisted pair cable
- ▶ Mounts in an included two-gang Decora®-style wallplate

## APPLICATION DIAGRAM



## SPECIFICATIONS

VIDEO		
Resolution range	Up to 1920x1200*, 2K, or 1080p (HDTV) * reduced blanking	
Signal type	Single-link HDMI (or DVI-D*)	
Maximum data rate	6.75 Gbps (2.25 Gbps per color)	
INTERCONNECTION BETWEEN TRANSMITTER AND RECEIVER		
Connectors	1 female RJ-45 per unit	
XTP signal		
Signal transmission distance	330' (100 m) using shielded twisted pair or XTP DTP 24 cable	
Cable requirements	Solid conductor, 24 AWG or better	
Cable recommendations	400 MHz bandwidth, STP (Shielded Twisted Pair)	
<b>NOTE:</b> Extron XTP DTP 24 shielded twisted pair cable is strongly recommended for optimal performance.		
VIDEO OUTPUT		
Connectors	1 female HDMI type A	
AUDIO OUTPUT		
Supported formats		
HDMI	LPCM up to 7.1/24-bit/192 kHz, Dolby TrueHD, Dolby Digital Plus, Dolby Digital EX, Dolby Digital 5.1, Dolby Digital 2/0 Surround, Dolby Digital 2/0, DTS-HD Master Audio, DTS-HD, DTS-ES Discrete 6.1, DTS-ES Matrix 6.1, DTS Digital Surround 5.1, DTS 2 Channel	
Analog	Analog stereo audio	
CONTROL/REMOTE		
External device (pass-through, unidirectional or bidirectional)		
Serial control port output/input	RS-232 (+5) via (1) 3.5 mm, 5-pole captive screw connector (uses 3 poles) (connector is shared with IR control port)	
Baud rates	Up to 115200 baud	
Ethernet pass-through port	1 female RJ-45 connector	
Ethernet data rate	10/100Base-T, half/full duplex with autodetect	
IR control port	(1) 3.5 mm, captive screw connector, 5 pole (connector is shared with RS-232 control port) TTL level (0 to 5 V) modulated infrared control from 30 kHz up to 40 kHz	
GENERAL		
Power supply	External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 1 A, 12 watts	
Enclosure dimensions		
Device	2.8" H x 3.7" W x 1.9" D (7.2 cm H x 9.4 cm W x 4.9 cm D) (Depth excludes connectors. Fits some 2-gang boxes.)	
<b>Model</b>	<b>Version Description</b>	<b>Part number</b>
XTP R HWP 201	XTP Decora Receiver - Black	60-1367-22
XTP R HWP 201	XTP Decora Receiver - White	60-1367-23

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

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