

XTP T MK 202

TWO INPUT XTP TRANSMITTER
FOR MK-TYPE JUNCTION BOXES



The XTP T MK 202 is a two-input XTP® transmitter in a two-gang form factor designed to mount in standard MK-type electrical junction boxes. It sends HDCP-compliant HDMI or RGBHV video, audio, and bidirectional control up to 330 feet (100 meters) over a shielded CATx cable. Designed for use in XTP Systems®, the XTP T MK 202 provides signal distribution and long-distance transmission for configurable room environments and simplifies input connectivity from walls, portable lecterns, and boardroom tables.

- ▶ Designed to mount in a two-gang MK-type electrical junction box for the UK, Middle East, Singapore, Hong Kong, and other markets that use MK-type electrical junction boxes
- ▶ Transmits HDMI or digitized analog video, audio, and bidirectional RS-232 and IR up to 330 feet (100 meters) over a shielded CATx cable
- ▶ HDMI and VGA inputs
- ▶ 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
- ▶ Auto-switching between inputs
- ▶ Bidirectional RS-232 and IR insertion for AV device control
- ▶ HDCP compliant
- ▶ EDID Minder® automatically manages EDID communication between connected devices
- ▶ Key Minder® continuously verifies HDCP compliance for quick, reliable switching
- ▶ Remote power capability



Extron Electronics
INTERFACING, SWITCHING AND CONTROL

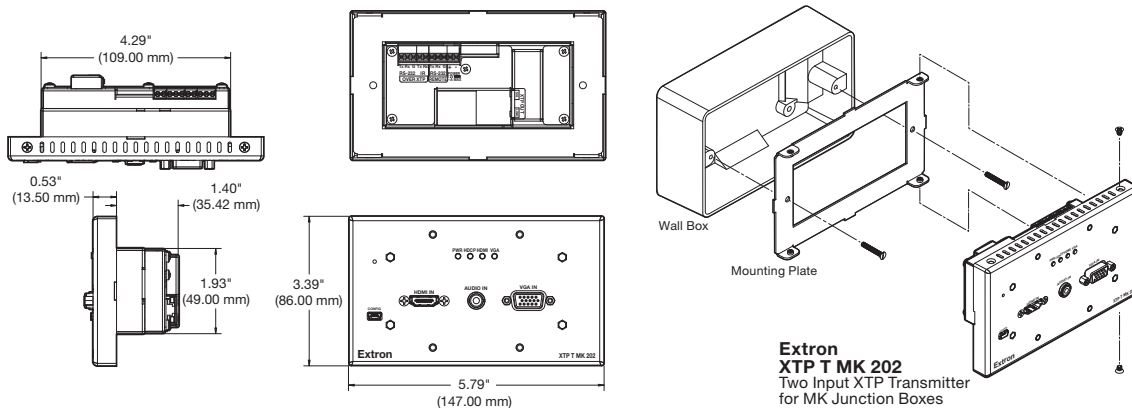
DESCRIPTION

The Extron **XTP T MK 202** is a compact, two-input transmitter that sends HDMI or RGBHV video, audio, and control up to 330 feet (100 meters) over a shielded CATx cable. The XTP® transmitter is compatible with standard two gang MK-type electrical junction boxes for convenient installation in wall-mount environments. It supports computer video up to 1920x1200, including HDTV 1080p/60 Deep Color and 2K. Incoming analog video signals are digitized for reliable transmission, and separate analog stereo audio transmissions can be embedded onto the output signal. Features include automatic switching between inputs with selectable prioritization and insertion of bidirectional RS-232 and IR to enable remote AV device control. Designed for XTP Systems®, the XTP T MK 202 can be remotely powered by the XTP CrossPoint® matrix switcher.

KEY FEATURES

- ▶ Designed to mount in a two-gang MK-type electrical junction box for the UK, Middle East, Singapore, Hong Kong, and other markets that use MK-type junction boxes
- ▶ Transmits HDMI or digitized analog video, audio, and bidirectional RS-232 and IR up to 330 feet (100 meters) over a shielded CATx cable
- ▶ HDMI and VGA inputs
- ▶ 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
- ▶ Auto-switching between inputs
- ▶ Remote power capability

APPLICATION DIAGRAM



Worldwide Sales Offices

Anaheim • Raleigh • Silicon Valley • Dallas • New York • Washington, DC • Toronto • Mexico City • Paris • London • Frankfurt
Amersfoort • Moscow • Dubai • Johannesburg • New Delhi • Bangalore • Singapore • Seoul • Shanghai • Beijing • Tokyo

UNITED STATES

+800.633.9876
Inside USA/Canada
+1.714.491.1500

EUROPE

+800.3987.6673
Inside Europe
+31.33.453.4040

ASIA

+800.7339.8766
Inside Asia
+65.6383.4400

MIDDLE EAST

+971.4.299.1800

SPECIFICATIONS

VIDEO		
Resolution range		
Digital	Up to 1920x1200*, 2K, or 1080p (HDTV) * reduced blanking	
Analog	Up to 1920x1200* or 1080p (HDTV) * reduced blanking	
VIDEO INPUT		
Number/signal type	1 analog RGBHV 1 single link HDMI (DVI-D or DisplayPort*) input	
INTERCONNECTION BETWEEN TRANSMITTER AND RECEIVER		
Signal transmission distance	330' (100 m) using shielded twisted pair cable or XTP DTP 24 cable	
Cable requirements	Solid conductor, 24 AWG or better	
Cable recommendations	400 MHz bandwidth, STP (Shielded Twisted Pair)	
NOTE: Extron XTP DTP 24 shielded twisted pair cable is strongly recommended for optimal performance.		
AUDIO INPUT		
Number/signal type	1 analog stereo, unbalanced or 1 digital audio, embedded from HDMI	
CONTROL/REMOTE		
External device (pass-through, unidirectional or bidirectional)		
Baud rates	Up to 115200 baud	
Ethernet data rate	10/100Base-T, half/full duplex with autotdetect	
GENERAL		
Power supply	External Input: 100 to 240 VAC, 50-60 Hz Output: 12 VDC, 1 A, 12 watts	
Regulatory compliance		
Safety	CE, c-UL, UL	
EMI/EMC	CE**, C-tick, FCC Class A**, ICES, VCCI	
Environmental	Complies with the appropriate requirements of RoHS, WEEE.	
Model	Version Description	Part number
XTP T MK 202	2 Input MK Transmitter	60-1358-23

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