

DTP T MK 232

TWO INPUT DTP TRANSMITTER WITH
AUDIO EMBEDDING FOR MK-TYPE
JUNCTION BOXES

DTP
SYSTEMS



The Extron DTP T MK 232 is a two input transmitter for sending HDMI or VGA, audio, and control up to 230 feet (70 meters) over a shielded CATx cable to Extron DTP®-enabled products. The DTP transmitter is compatible with standard two-gang MK-type junction boxes for convenient installation in wall mount environments. The HDCP-compliant transmitter includes several integrator-friendly features in a convenient form factor that offers maximum placement flexibility.

- ▶ 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 analog video, control, and analog audio up to 230 feet (70 meters) over a shielded CATx cable
- ▶ Auto-switching between inputs
- ▶ Supports computer and video resolutions up to 1920x1200, including 1080p/60 and 2K
- ▶ Analog stereo audio embedding
- ▶ Extron XTP DTP 24 shielded twisted pair cable is strongly recommended for optimal performance
- ▶ DTP® output is compatible with HDBaseT-enabled devices
- ▶ Bidirectional RS-232 and IR pass-through for AV device control
- ▶ Remote power capability
- ▶ Supported HDMI specification features include data rates up to 6.75 Gbps, 3D, and HD lossless audio formats
- ▶ EDID Minder®
- ▶ Compatible with all DTP 230 Series receivers and DTP-enabled products
- ▶ Highly reliable, energy-efficient external universal power supply included



Extron Electronics
INTERFACING, SWITCHING AND CONTROL

DESCRIPTION

The Extron **DTP T MK 232** is a compact, two input transmitter for sending HDMI or analog video, audio, and control up to 230 feet (70 meters) over a shielded CATx cable to Extron DTP-enabled products. The transmitter is compatible with standard two-gang MK-type junction boxes for convenient installation in wall mount environments. It provides one HDMI input and one VGA input, both with independent analog stereo audio connections. The DTP T MK 232 supports video signals at resolutions up to 1920x1200, including 1080p/60 and 2K. It features analog stereo audio embedding, EDID Minder, auto-switching between inputs and RS-232 remote control for simplified input selection, remote power capability, bidirectional RS-232 and IR pass-through for remote AV device control, and an HDBaseT output mode for compatibility with any HDBaseT-enabled display. The wall-mountable design provides the convenience of placing input connections precisely where they are needed.

KEY FEATURES

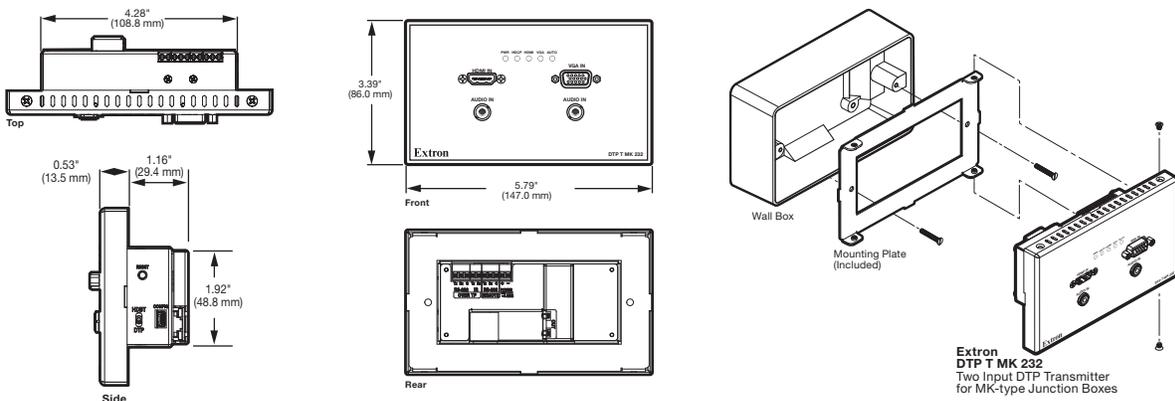
- ▶ Designed to mount in a two-gang MK-type electrical junction box for the UK, Middle East, Singapore, Hong Kong, and other markets that use MK-type junction boxes
- ▶ Transmits HDMI or analog video, control, and analog audio up to 230 feet (70 meters) over a shielded CATx cable
- ▶ Auto-switching between inputs
- ▶ Supports computer and video resolutions up to 1920x1200, including 1080p/60 and 2K
- ▶ Analog stereo audio embedding
- ▶ Extron XTP DTP 24 shielded twisted pair cable is strongly recommended for optimal performance
- ▶ DTP output is compatible with HDBaseT-enabled devices
- ▶ Bidirectional RS-232 and IR pass-through for AV device control
- ▶ Remote power capability

SPECIFICATIONS

VIDEO		
Maximum data rate	6.75 Gbps (2.25 Gbps per color)	
VIDEO INPUT – HDMI		
Connectors	1 female HDMI type A	
VIDEO INPUT – VGA		
Connectors	1 female 15-pin HD (RGB)	
INTERCONNECTION BETWEEN TRANSMITTER AND RECEIVER		
Connectors	1 female RJ-45	
DTP signal		
Signal transmission distance	Up to 230' (70 m) using shielded twisted pair (STP) cable or XTP DTP 24 cable	
Cable requirements	Solid conductor, 24 AWG or better	
Cable recommendations	400 MHz bandwidth STP cable	
NOTE: Extron XTP DTP 24 shielded twisted pair cable is strongly recommended for optimal performance.		
NOTE: Input and output mode signaling:		
DTP: HDMI with embedded audio, analog audio, RS-232 and IR, and remote power		
HDBaseT: HDMI with embedded audio plus RS-232 and IR		
COMMUNICATIONS – TRANSMITTER		
Serial control port	RS-232 via (1) 3.5 mm, 3-pole captive screw connector for RS-232 control (± 5 V)	
COMMUNICATIONS – EXTERNAL DEVICE (PASS-THROUGH)		
Serial control pass-through port	Bidirectional RS-232	
IR pass-through control port	TTL level (0 to 5 V) modulated infrared control from 30 kHz up to 60 kHz	
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	
EMV/EMC	CE**, C-tick, FCC Class A**, ICES, VCCI	
Environmental	Complies with the appropriate requirements of RoHS, WEEE.	
Model	Version Description	Part number
DTP T MK 232	Two Input MK Tx - 230 feet (70 m)	60-1567-12

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

APPLICATION DIAGRAM



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