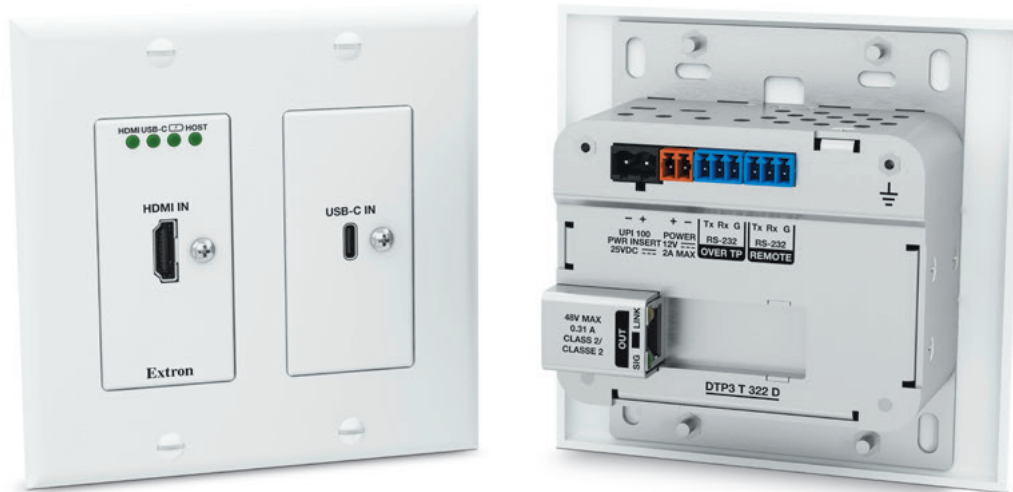


DTP3 T 322 D

TWO INPUT 4K/60 DTP3 TRANSMITTER FOR HDMI AND USB-C
WITH DATA – DECORATOR-STYLE WALLPLATE



DTP3
SYSTEMS

18 Gbps
4K/60 4:4:4

21.6 Gbps
4K/60 4:4:4

USB
100W

ULTRA-WIDE

The Extron **DTP3 T 322 D** is a two-input wallplate transmitter for sending USB-C® video, HDMI, data, embedded audio, power, and control up to 330 feet (100 meters) over a shielded CAT 6A cable. Up to 100 watts USB-C charging is available when deployed with the Extron UPI 100 Power Inserter. It supports video resolutions up to 4K/60 @ 4:4:4 and complies with HDCP 2.3. For maximum image quality and minimal latency, all supported video resolutions are transported without compression. It offers many integrator-friendly features such as EDID Minder®, auto-switching between inputs, remote power capability, and bidirectional RS-232 extension for remote AV device control.

- ▶ Transmits video with embedded audio, USB data, power, and control up to 330' (100 m) over a shielded CAT 6A cable
- ▶ Supports computer and video resolutions up to 4K/60 @ 4:4:4, including 5K
- ▶ Connects USB-C sources that support DisplayPort Alt Mode
- ▶ USB-C host connection
- ▶ Powers and charges a USB-C device with up to 100 watts using the optional UPI 100 power inserter
- ▶ USB 2 extension
- ▶ Remote power capability with DTP3-enabled products

Extron

DESCRIPTION

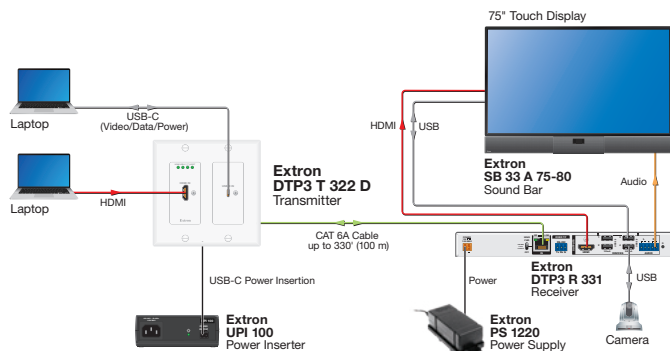
The Extron **DTP3 T 322 D** is a two-input wallplate transmitter that extends USB-C® and HDMI video, audio, data, power, and control up to 330 feet (100 meters) over a shielded CAT 6A cable. It supports resolutions up to 4K/60 at 4:4:4 with 18 Gbps data rates, accommodating HDMI 2.0b signals including HDR, Deep Color, 3D, and HD lossless audio. Uncompressed signal transport ensures maximum image quality and minimal latency, while continuous EDID and HDCP 2.3 communication maintains system compatibility.

Integrator-friendly features include EDID Minder®, auto-switching, and bidirectional RS-232 control. The USB-C input supports video, data, and up to 100 watts of charging with the optional UPI 100. The two-gang decorator-style wallplate design enables convenient installation in a variety of environments.

KEY FEATURES

- ▶ **Transmits video with embedded audio, USB data, power, and control up to 330' (100 m) over a shielded CAT 6A cable** – Provides high reliability and maximum performance on an economical and easily installed cable infrastructure.
- ▶ **Supports computer and video resolutions up to 4K/60 @ 4:4:4, including 5K**
- ▶ **Connects USB-C sources that support DisplayPort Alt Mode**
- ▶ **USB-C host connection** – Available to connect hosts at USB 2 data rates up to 480 Mbps.
- ▶ **Powers and charges a USB-C device with up to 100 watts using the optional UPI 100 power inserter**
- ▶ **USB 2 extension** – Connect a DTP3 R 331 to access remotely located USB peripheral devices over the same shared video and audio cable.
- ▶ **Auto-switching between inputs**

APPLICATION DIAGRAM



SPECIFICATIONS

TRUE 4K SPECIFICATION

Max 4K and 5K Capabilities		
Resolution and Refresh Rate	Chroma Sampling	Max Bit Depth per Color
5120 x 1440 at 60 Hz 5120 x 2880 at 30 Hz 4096 x 2160 at 60 Hz 3840 x 2160 at 60 Hz 4096 x 2160 at 30 Hz 3840 x 2160 at 30 Hz	4:4:4	8 bit
4096 x 2160 at 60 Hz 3840 x 2160 at 60 Hz	4:2:0	12 bit

Frame rate ¹	24, 25, 30, 50, or 60 fps
Chroma sampling ¹	4:4:4, 4:2:2, or 4:2:0
Color bit depth ¹	8, 10, or 12 bits per color
Signal Type	HDMI 2.0b, DisplayPort 1.2 (Alt-Mode), HDCP 2.3
Max. video data rate	18 Gbps (6 Gbps per color)

NOTE: ¹Subject to the maximum data rate limit. Use our calculator at www.extron.com/8Kdata rate to determine video parameters supported by this data rate.

VIDEO INPUT

Connectors	
HDMI input	1 female HDMI type A
USB-C input	1 female USB type C

COMMUNICATIONS

(Control/Remote) – Transmitter

Serial control port	1 RS-232 (±5 V) via 3.5 mm, 3-pole captive screw connector
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(Communications) – External Device (pass-through, unidirectional or bidirectional)

Serial control pass-through port	1 RS-232, 3.5 mm, 3-pole captive screw connector
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USB

USB Max data rates	Up to high speed (480 Mbps)
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USB HOST

Number/signal type	1 USB 2.0
Connector	1 female USB type C
Minimum built-in USB hubs	1

GENERAL

Power supply	External (included with Tx) Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 2.0 A, 24 watts
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USB-C power delivery	5 VDC @ up to 3 A 9 VDC @ up to 3 A 12 VDC @ up to 3 A 15 VDC @ up to 3 A 20 VDC @ up to 3 A 20 VDC @ up to 5 A
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NOTE: USB-C Power Delivery voltages are only available/applicable when the UPI 100 is used.

Mounting

Furniture or wall mount	Wall or furniture mount in a decorator-style opening
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NOTE: All nominal levels are at ±10%.

Specifications are subject to change without notice.

Model	Version Description	Part number
DTP3 T 322 D	USB-C, HDMI Decorator Tx, Black 330 feet (100 m)	60-2066-52
DTP3 T 322 D	USB-C, HDMI Decorator Tx, White 330 feet (100 m)	60-2066-53

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

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