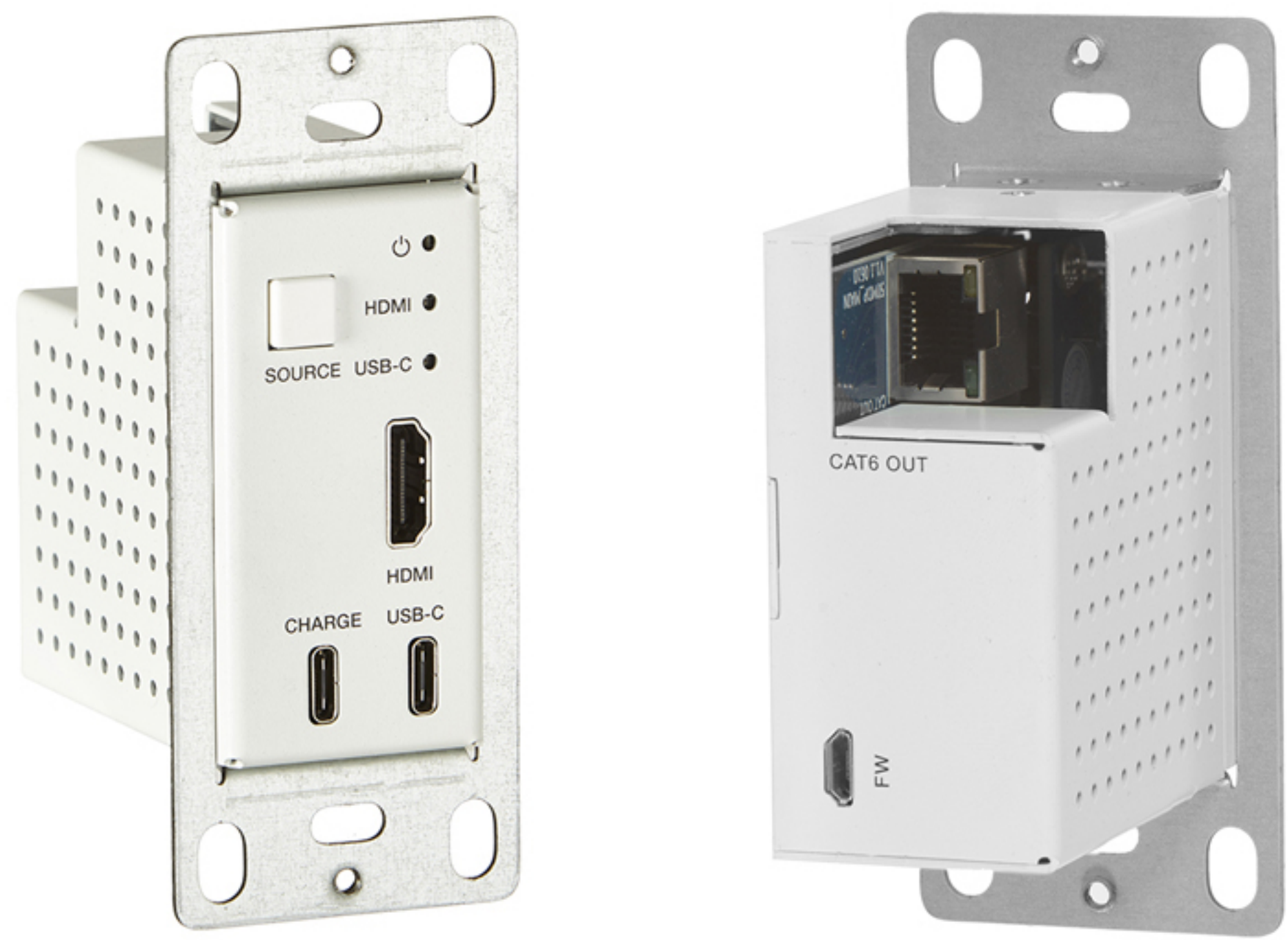


HDMI and USB-C Extender 50 Meters
Wall Plate Kit | Kanexpro

Extender wall plates simplify the complexity of integrating multiple components

MPN: WP-EXTHDTC50



The KanexPro **WP-EXTHDTC50** HDMI and USB-C 50M Extender Wall Plate kit is a 2x1 switcher and transmitter with HDMI and USB-C inputs. It features a US one-gang enclosure for Decora-style wall plate opening with white wall plates and faceplates. Supports video resolutions up to 4K2K@50/60Hz 4:4:4. The RJ56 output can extend video transmission at distances up to 164ft or 50m. The wall-plate transmitter is remotely powered by the receiver via POC technology.

Industry Standard HDCP 2.2 & 4K/60:

HDCP 2.2 authentication is present always on KanexPro extenders ensuring proper handshake of the protected content. It also maintains resolutions up to 4K- 4096x2160@24, 30, 50 or 60Hz, 3840x2160@24, 25,30, 50 or 60Hz and 2560x1080@60Hz displaying 21:9 aspect ratios. 1920 x 1200 or full HD 1080p/60 is a standard.

Applications:

Ideal for use with court rooms, classrooms, conference rooms or showrooms where audio-visual devices can be extended from a remotely located HDMI/USB-C source devices. The single-gang HDMI wall plate can be used anywhere to enhance signal integrity over CAT5e/6 cabling with the push button switching feature.

FEATURES

- Compliant with HDMI 2.0b, HDCP 2.2 and Display Port 1.2a standards
- HDMI input supports 18Gbps video bandwidth;
- USB-C input supports 5.4Gbps video bandwidth
- Video resolution up to 4K2K@50/60Hz 4:4:4
- CAT6 output can extend video transmission distance up to 164ft / 50m for 4K@24 or 115ft / 35m for 4K@60 444 via a single CAT5e/6 cable
- Support 3D, HDR10 and Dolby Vision
- HDMI audio formats support LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
- Support HDMI and USB-C input with USB-C charging port
- US one-gang enclosure for Decora-style wall plate openings
- Input signal selection supports automatic mode and manual mode
- Support POC function (only from Receiver to Transmitter)
- Backed by KanexPro 3-Year Parts and Labor Warranty

SPECIFICATIONS

Technical Performance	
HDMI Compliance	HDMI 2.0
HDCP Compliance	HDMI 2.2
DP Compliance	Displayport 1.2a
Video Bandwidth:	
HDMI:	18 Gbps
Displayport	5.4Gbps
HDMI Supported Resolutions	Up to 4K2K@50/60Hz(YCbCr 4:4:4),4K2K @30Hz,All HDMI 3D TV format, etc.
Color Space	RGB, YCbCr4:4:4,YCbCr4:2:2, YCbCr 4:2:0
Supported Audio Formats	100-240V , 50/60Hz, 0.3A
Transmission Distance:	164ft / 50m overCAT5e/6 Max distance
Max distance (4K@24)	(4K@60) : 115ft / 35m over CAT5e/6

Mechanical Properties	
Dimensions:	
Wall Plate	33.3 (W) x 65.7 (D) x 68.7 (H) mm
Face Plate	69.9 (W) x 3 (D) x 26.2 (H) mm
Receiver	88 (W) x 61 (D) x 18 (H) mm
Housing	Metal Enclosure
Color	White/Black
Weight:	
Wall Plate	195g
Receiver	155g
Warranty	3 Year parts and labor

Transmitter	
Input Ports:	1 x HDMI Type A [19-pin female] 1 x USB- C
Output Ports:	1 x CAT6 Out [RJ45, 8-pin female] 1 x USB- C Charging Port
Control Ports:	1x Firmware [Micro USB, Update Port]

Receiver	
Input Ports:	1 x CAT6 Out [RJ45, 8-pin female]
Output Ports:	1 x HDMI Type A [19-pin female]
Control Ports:	1x IR in [3.5mm Stereo Mini-Jack 1x Service [Micro USB, Update Port]
Power Supply:	POC (only from Receiver to Transmitter)
Operating Environment:	
Operating Temperature:	0 ~ 40°C
Storage Temperature:	-20 ~ 60°C
Relative Humidity:	20 ~ 90% RH



APPLICATION DIAGRAM

