

Overview

The HDMI Extender Kit (500450) allows HDMI equipment to be connected up to 330 ft (100 m) @ 4K resolution via one (1) Cat 5e/6 unshielded twisted pair cable in a point-to-point configuration. The kit comes with one (1) Transmitter and one (1) Receiver as well as an IR Emitter (500998) and IR Sensor (500999) for remote control applications.

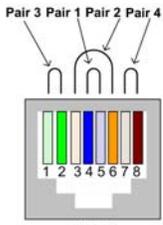
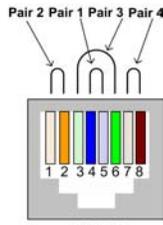


Applications

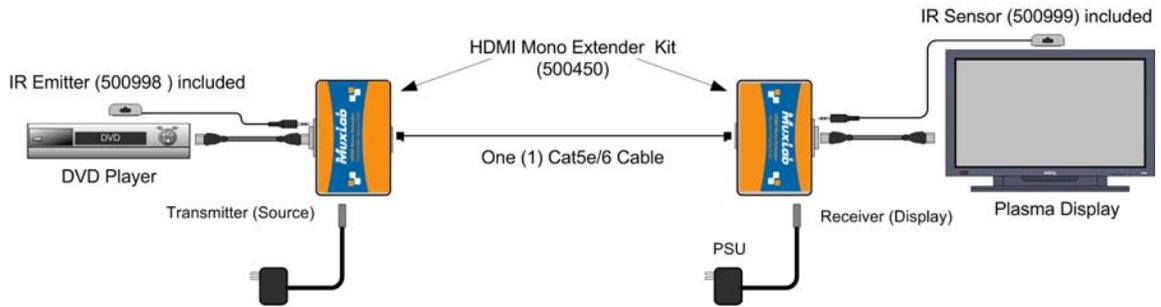
Commercial and residential AV systems, classroom projector systems, digital signage, boardroom systems, collaborative PC systems, medical information systems.

Key Features

- HDMI 1.3a
- Supports 3D
- Up to 330 ft (100m) at all resolutions up to 4K via single Cat5e/6
- Supports IR remote source control
- Includes IR Emitter (500998) and IR Sensor (500999)

Specifications									
Environment	HDMI 1.3a, HDBaseT. (Supports the 3D feature of HDMI 1.4)								
Devices	DVD, plasma, projectors, monitors, TV, PC, laptops, servers supporting HDMI								
Transmission	Transparent to the user								
Bandwidth	340 MHz								
Signals	HDMI 1.3a, HDBaseT								
Connectors	One (1) HDMI receptacle. One (1) RJ45S for Cat5e/6 unshielded or shielded twisted pair. 3.5mm jacks for IR emitter and IR Sensor <i>HDMI cables not included.</i>								
Max. Distance*	480i/p: Cat 5e/6: 330 ft (100 m) 720p, 1080i: Cat 5e/6: 330 ft (100 m) 1080p: Cat 5e/6: 330 ft (100 m) 1080p Deep Color: Cat 5e/6: 330 ft (100 m) 4K (3840x 2160): Cat 5e/6: 330 ft (100 m) When installed in an electrically noisy environment, STP cable must be used. Also, cross-connection reduces the effective distance depending on the grade of twisted cable used.								
RJ45 Pin Configuration <i>Reverse Polarity Sensitive</i> <i>Use EIA/TIA 568 A or B, straight-through wiring.</i>	<p>RJ45</p> <table border="0"> <tr> <td>Pin 1 (R)</td> <td>Pin 2 (T)</td> </tr> <tr> <td>Pin 3 (R)</td> <td>Pin 6 (T)</td> </tr> <tr> <td>Pin 4 (R)</td> <td>Pin 5 (T)</td> </tr> <tr> <td>Pin 7 (R)</td> <td>Pin 8 (T)</td> </tr> </table> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p style="text-align: center;">EIA568A EIA568B</p>	Pin 1 (R)	Pin 2 (T)	Pin 3 (R)	Pin 6 (T)	Pin 4 (R)	Pin 5 (T)	Pin 7 (R)	Pin 8 (T)
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Pin 7 (R)	Pin 8 (T)								
Cable	One (1) Cat5e/6 or better twisted pair cable required.								
Power Supply	Two (2) 110-240V/12VDC power supply with interchangeable blades included								
Power Consumption	Transmitter: 1.8W Receiver: 3.6W								
Temperature	Operating: 0° to 55° C. Storage:-20° to 85° C. Humidity: up to 95% non-condensing.								
Enclosure	Cast aluminum								
Dimensions	4.50" x 3.00" x 1.25" (11.4 x 7.6 x 3.2 cm)								
Weight	2.0 lb (0.9 kg)								
Compliance	Regulatory: FCC, CE, RoHS Flammability: 94V0								
Warranty	2 years								
Order Information	500450 HDMI Extender Kit (includes, Tx, Rx, IR-Emitter, IR Sensor, 2x PSU)								

Typical Application



Rear panels