

### Overview

The HDMI Mono Extender Kit (500450) allows HDMI equipment to be connected up to 330 ft (100 m) @ 1080p Deep Color via one (1) Cat 5e/6 unshielded twisted pair cables 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.

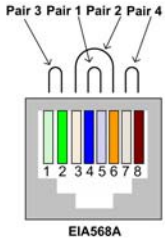
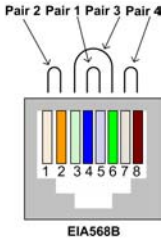


### Applications

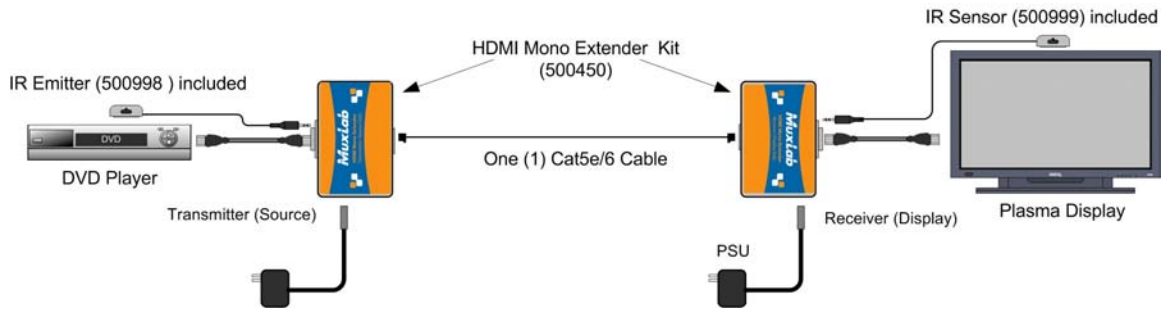
Commercial and residential AV systems, classroom projector systems, digital signage, boardroom systems, collaborative PC systems, medical information systems.

### Key Features

- HDMI 1.3a
- Up to 330 ft (100m) at all resolutions up to 1080p Deep Color via single Cat5e/6
- Supports IR remote source control
- Includes IR Emitter and IR Sensor

Specifications									
<b>Environment</b>	HDMI 1.3a								
<b>Devices</b>	DVD, plasma, projectors, monitors, TV, PC, laptops, servers supporting HDMI								
<b>Transmission</b>	Transparent to the user								
<b>Bandwidth</b>	340 MHz								
<b>Signals</b>	HDMI 1.3a								
<b>Connectors</b>	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>								
<b>Max. Distance*</b>	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) 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.								
<b>RJ45 Pin Configuration</b> <i>Reverse Polarity Sensitive</i> <i>Use EIA/TIA 568 A or B, straight-through wiring.</i>	<p><b>RJ45</b></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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<b>Cable</b>	One (1) Cat5e/6 or better twisted pair cable required.								
<b>Power Supply</b>	Two (2) 110-240V/12VDC power supply with interchangeable blades included								
<b>Power Consumption</b>	Transmitter: 1.8W      Receiver: 3.6W								
<b>Temperature</b>	Operating: 0° to 55° C. Storage: -20° to 85° C. Humidity: up to 95% non-condensing.								
<b>Enclosure</b>	Cast aluminum								
<b>Dimensions</b>	4.50" x 3.00" x 1.25" (11.4 x 7.6 x 3.2 cm)								
<b>Weight</b>	2.0 lb (0.9 kg)								
<b>Compliance</b>	Regulatory: FCC, CE, RoHS Flammability: 94V0								
<b>Warranty</b>	2 years								
<b>Order Information</b>	500450 HDMI Mono Extender Kit (includes, Tx, Rx, IR-Emitter, IR Sensor, 2x PSU)								

Typical Application



Rear panels

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