

Overview:

The HDMI 4-Play Extender Kit 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 product also features one LAN port for interconnecting Ethernet equipment and a RS-232 port for control via the same Cat5e/6 cable. The kit comes with one (1) Transmitter and one (1) Receiver as well as an IR Emitter and IR Sensor for remote control applications.

Applications:

Commercial and residential audio systems, boardroom systems, collaborative PC systems, and medical information systems.



Features:

- Supports 1080p deep color, 4K @ 30fps & 3D resolutions
- Up to 330 ft (100m) via Cat5e cable
- Full 4-play HDBaseT Extender
- Supports LAN, Bidirectional IR & RS-232 up to the display
- · Supports all digital audio modes
- Compatible with all other MuxLab HDBaseT extenders

Devices DVD, plasma, projectors, monitors, TV, PC, laptops, servers supporting HDMI.	Environment	HDMI 1.3a (Supports the 3D feature of HDMI 1.4)
Transmission	Devices	
Signals		supporting HDMI.
Signals	Transmission	Transparent to the user
Connectors One (1) HDMI receptacle. One (1) RJ45S for Cat 5e/6 unshielded or shielded twisted pair. One (1) RJ45S for Cat 5e/6 unshielded or shielded twisted pair. One (1) RJ45S for LAN (10/100BaseT) connection. One (1) three position terminal block for RS-232 Two (2) 3.5mm jacks for IR emitter and sensor. Note: HDMI cables not included. 480l/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) 1080p Deep Color: Cat 5e/6: 330 ft (100 m) 1080p Deep Color: Cat 5e/6: 330 ft (70 m) Note: When installed in an electrically noisy environment, an STP cable must be used. Also, cross-connection reduces the effective distance depending on the grade of twisted cable used. RJ45 Pin Configuration Reverse Polarity Sensitive. Use EIA/TIA 568A or 586B straight-through wiring. RJ45 Link Pin 1 (R) Pin 2 (T) Pin 3 (R) Pin 6 (T) Pin 4 (R) Pin 5 (T) Pin 7 (R) Pin 8 (T) One (1) Cat 5e/6 or better twisted pair cables required Power Supply Transmitter: 2.75 Watt Receiver: 5.15 Watt Temperature Operating: 0° to 40°C Storage: -20° to 85°C Humidity: Up to 95% non-condensing Metal Dimensions 4.40" x 3.00" x 1.00" (11.2 x 7.6 x 2.5 cm) Weight Order Information One (1) Cat 5e/6 or Detter twisted Kit (UPC: 627699004562)	Bandwidth	340 MHz
One (1) RJ45S for Cat 5e/6 unshielded or shielded twisted pair. One (1) RJ45S for LAN (10/100BaseT) connection. One (1) three position terminal block for RS-232 Two (2) 3.5mm jacks for IR emitter and sensor. Note: HDMI cables not included. 480l/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/	Signals	
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Maximum Distance 480i/p: Cat 5e/6: 330 ft (100 m) Based on a maximum length of 6.6 ft (2 m) of HDMl cable per end. 1080p: Cat 5e/6: 330 ft (100 m) 1080p: 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 @ 24, 25, 30 Hz: Cat 5e/6: 330 ft (70 m) Note: When installed in an electrically noisy environment, an STP cable must be used. Also, cross-connection reduces the effective distance depending on the grade of twisted cable used. RJ45 Pin Configuration Reverse Polarity Sensitive. Use EIA/TIA 568A or 586B straight-through wiring. RJ45 Link Pin 1 (R) Pin 2 (T) Pin 3 (R) Pin 6 (T) Pin 4 (R) Pin 5 (T) Pin 6 (T) Pin 7 (R) Pin 8 (T) Pin 8 (T) Power Supply Two (2) 110-240V/5VDC power supplies with interchangeable blades Power Consumption Transmitter: 2.75 Watt Receiver: 5.15 Watt Temperature Operating: 0° to 40°C Storage: -20° to 85°C Humidity: Up to 95% non-condensing Metal Dimensions 4.40" x 3.00" x 1.00" (11.2 x 7.6 x 2.5 cm) Weight 1.4 lb (0.6 kg) Compliance Regulatory: FCC, CE, RoHS Flammability: 94V0 Warranty 2 years Order Information		
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Temperature Operating: 0° to 40°C Storage: -20° to 85°C Humidity: Up to 95% non-condensing Enclosure Metal Dimensions 4.40" x 3.00" x 1.00" (11.2 x 7.6 x 2.5 cm) Weight 1.4 lb (0.6 kg) Compliance Regulatory: FCC, CE, RoHS Flammability: 94V0 Warranty 2 years Order Information 500456 HDMI 4-Play Extender Kit (UPC: 627699004562)	Power Consumption	
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Typical Application:



