HDMI IR/Receiver with Source Control 500417



Overview

The HDMI IR/Receiver (500417) allows any HDMI source to be selected via MuxLab's HDMI 4x4 Matrix Switch from the remote display. Also, the product features an IR jack to allow the HDMI source to be controlled.

The product supports 1080p Deep Color up to 150 ft (46m) via two (2) Cat6 cables and includes one (1) IR Sensor and one (1) power supply.

Applications

Commercial and residential AV systems, classroom training systems, digital signage, boardroom systems, medical video systems.





Key Features

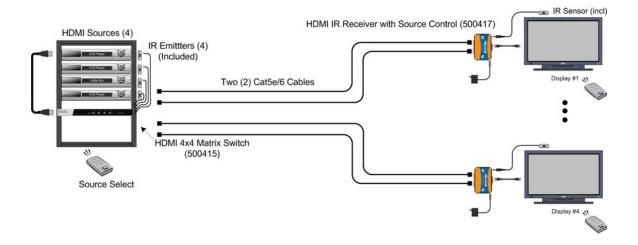
Up to 150 ft (46m) @ 1080p Deep Color via Cat6 Up to 300 ft (91m) @ 1080i via Cat5e/6 Connect via two (2) Cat5e/6 cables Includes IR Sensor and handheld remote Pushbutton control

Specifications	
Environment	HDMI 1.3a
Devices	DVD, plasma, projectors, monitors, TV, PC, laptops, servers supporting HDMI
Transmission	Transparent to the user
Bandwidth	225 MHz
Compliance	HDMI 1.3a
Connectors	Output: HDMI receptacle
	Link: Two (2) RJ45S for Cat5e/6 twisted pair
	IR: 3.5 mm stereo jack for IR Sensor
	HDMI cables not included.
Max. Distance*	480i/p: Cat 5e: 300 ft (91 m) Cat 6: 300 ft (91 m)
	720p, 1080i: Cat 5e: 300 ft (91 m) Cat 6: 300 ft (91 m)
*Based on a maximum length of	1080p: Cat 5e: 150 ft (46 m) Cat 6: 200 ft (61 m) 1080p Deep Color: Cat 5e: 90 ft (27 m) Cat 6: 150 ft (46 m)
6.6 ft (2m) of HDMI cable per end	1080p Deep Color: Cat 5e: 90 π (27 m) Cat 6: 150 π (46 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	RJ45 A (HDMI A) Pair 3 Pair 1 Pair 2 Pair 4 Pair 2 Pair 1 Pair 3 Pair 4
Reverse Polarity Sensitive	Pin 1 (R) Pin 2 (T) Pair 3 Pair 1 Pair 2 Pair 4 Pair 2 Pair 4 Pair 2 Pair 1 Pair 3 Pair 4
Use EIA/TIA 568 A or B, straight-	Pin 3 (R) Pin 6 (T)
through wiring.	Pin 4 (R) Pin 5 (T)
	Pin 7 (R) Pin 8 (T)
	RJ45 B (HDMI B)
	Pin 1 (R) Pin 2 (T) 1 2 3 4 5 6 7 8 1 2 3 4 5 6 7 8
	Pin 3 (R) Pin 6 (T) Pin 4 (R) Pin 5 (T)
	Pin 7 (R) Pin 8 (T)
Cable	Two (2) Cat5e/6 twisted pair cables required.
IR Remote for matrix and source	Pushbutton, built-in IR sensor
control	External IR Sensor included
	Wireless handheld included
Power Supply	One (1) 110-240V/12VDC power supply with interchangeable blades included
Power Consumption	3.6W
Temperature	Operating: 0° to 55° C. Storage:-20° to 85° C. Humidity: up to 95% non-condensing.
Enclosure	ABS fire retardant plastic
Dimensions	4.50" x 3.00" x 1.25" (11.4 x 7.6 x 3.2 cm)
Weight	1.0 lb (0.45 kg)
Compliance	Regulatory: FCC Class A, CE, RoHS Flammability: 94V0
Warranty	2 years
Order Information	500417 HDMI IR/Receiver with Source Control



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Typical Application



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HDMI IR Receiver with Source Control

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