Website: www.luxielectronics.com
Email: xlu@luxielectronics.com
Phone: +1 (949) 654-2047
Address: Irvine, CA, USA

Product Specifications

Presenter 110 series receiver

Part Number: 74-020-01

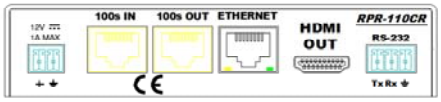
Model: RPR-110CR

Product Image

Front

Back

Product Drawing



Features and Benefits

> Patent pending, revolutionary products to replace the centralized switching and distribution
> Completely scalable; you can add more Tx or Rx boxes on the fly for expansion
> Only 1 Cat6 or Cat5 cable needed to connect the adjacent Presenter Tx or Rx; no more heavy clusters of cables; very easy cable pull and termination
> No compression; full 18 Gbps bandwidth; virtually no propagation delays
> Additional control devices can be inserted anywhere in the daisy chain via RS-232
> Signals can be transmitted to very long distances with multiple daisy-chained devices up to 110' (33 m) each span (e.g., 10 spans for up to 330 m)
> Ethernet port on every Presenter for convenient system wide internet access
> Remote power capability
> Rack mountable, under-table mountable, above-projector mountable metal enclosures

Package

One piece in one color cardboard box; with captive screw plugs and quick start guide
no power supply

Box size: 6.0" x 4.8" x 1.1" (15.3 x 12.2 x 2.8 cm)
Weight: package, 0.63 lb (0.28kg); product, 0.49 lb (0.22kg)
36-pc box size: 15" x 13" x 8" (38 x 33 x 20 cm)
36-pc box weight: 24.5 lb (11 kg)

Connections

Input connectors: 1 HDMI, 1 daisy chain in, 1 Ethernet
Output connector: 1 daisy chain out
Power connector: 2-pin 3.5 mm captive screw receptacle
Control connectors: 1 RS-232, 1 Show Me

Other Related Products

Power supply, 100-240 V in on US plug, 12 V out, P/N 69-002-01

Under desk mount, P/N 78-002-01

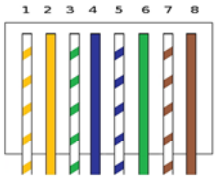
Presenter transmitter, P/N 74-017-01, model RPR-110CR

Mechanical

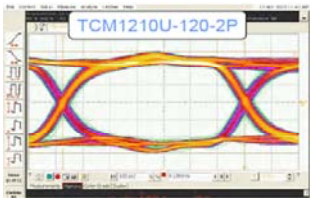
Enclosure material: steel
Enclosure size: 4.29" x 1.00" x 3.00" (10.9 x 2.5 x 7.6 cm)

Electrical

HDMI signal output
Maximum data rate: 9 Gbps (3 Gbps per color)
Maximum pixel clock: 300 MHz
Resolution range: Up to 1080p 48-bit @ 60 Hz, or 3D, or 4k @ 30 Hz
Daisy chain system
Luxi proprietary format, digital video, audio, control, Ethernet and power, up to 12 Rx, up to 4 audio streams
System cables: unshielded Cat6 550 MHz rated 23 AWG solid conductor cables recommanded; Cat5, 5e, 6, 7 unshielded and shielded cables also usable
Max distance between 2 adjacent devices: Typical 33 m (110') for WXGA/720p; 18 m (60') for 1080p (depends on source and display device performance and signal format)
RJ45 connector pin configuration: standard EIA 568B pinout



Electrical test results (1080p 24-bit 60 Hz results below)



Power: 12 V DC, 0.2 A from external power or other Presenter
Optional power supply:
Auto switching 100-240 V AC input on US plug, 12 V DC 1 A max on bare wires, wall ward type, UL, PSE, CE, FCC
Mounting: Not included. Luxi under desk mount 78-002-01. compatible with Extron thru desk mount 70-077-02, rack shelf 60-604-21, 60-604-11, 60-604-02, above projector mount 70-217-01, 70-739-02, 70-734-01, 70-563-03 or equivalent Middle Atlantic models
Regulatory compliance
Safety: CE, cUL, UL (power supply only)
EMI/EMC: CE, FCC Class A
MTBF: 30,000 hours
Warranty: 3 years parts and labor