2-Port HDMI over Cat6 Receiver, Wall Plate - 4K 60 Hz, HDR, 4:4:4, PoC, HDCP 2.2, 230 ft. (70.1 m), TAA

MODEL NUMBER: **B127A-2A0-FH**

Works with a Tripp Lite B127A-Series transmitter, switch or splitter to extend 4K video 230 ft. to 2 HDMI displays via Cat6 cable.

Features

HDMI Dual-Output Receiver Ideal for Digital Signage in Schools and Workplaces
This 4K receiver is recommended for video presentations in conference rooms, schools, trade shows, meeting facilities, houses of worship, retail settings, hotels and other digital signage applications where the source and display are farther apart than conventional A/V cables allow.

Extends a 4K A/V Transmission up to 230 ft… or Even Farther
The B127A-2A0-FH connects to a Tripp Lite B127A-Series transmitter, switch or splitter to extend 4K signals from an HDMI source to two HDMI displays up to 230 feet (70.1 meters) away via user-supplied Cat6 cabling. By adding a Tripp Lite B127A-010-H signal repeater (sold separately) to the application, you can extend the signal up to 400 feet (121.9 meters) per display.

Supports Crystal-Clear 4K Video with Multi-Channel Audio, HDR and 4:4:4 Color
The B127A-2A0-FH supports Ultra HD resolutions up to 3840 x 2160 (4K x 2K) at 60 Hz with 7.1-channel surround sound audio. High Dynamic Range (HDR) provides a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your 4K display. HDCP 2.2 compliance allows you to stream 4K Amazon and Netflix content with no complications. This receiver also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor. Built-in equalization allows you to fine-tune the image quality at the remote displays.

Built-In PoC Technology Provides Receiver Power to Avoid Bulky External Power Bricks
Power over Cable (PoC) technology powers the B127A-2A0-FH over Cat6 cable. An LED indicates when the receiver and transmitter are connected. PoC lets you avoid the hassle of a bulky power brick and gives you the freedom to place the receiver where needed without worrying about finding a nearby AC outlet.

Plug-and-Play Operation for Quick Setup and Immediate Use
The single-gang metal wall-plate receiver works right out of the package with no software required and all mounting screws included. Connect the receiver to a transmitter, switch or splitter with user-supplied Cat6 cable (such as Tripp Lite's N202-Series). Connect to two 4K displays with user-supplied HDMI cables (such as Tripp Lite's P568- or P569-Series).

Highlights

- Supports 4K @ 60 Hz video resolutions (4:4:4) as specified in HDMI 2.0
- Carries High Dynamic Range (HDR) signals for rich contrast and expanded color accuracy
- Combines with optional B127A-010-H repeater to extend signal to 400 ft.
- Power over Cable (PoC) technology provides power to the receiver via Cat6 cable
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Applications

- Extend video signals from one room to another using Cat6 cable, which can pass through conduit to meet building codes
- Gain flexibility in where the receiver is placed, with the freedom to move and relocate it away from an AC outlet
- Improve the line of sight for digital signage in a hotel, restaurant, theater, house of worship, trade show or other location

System Requirements

- Source device with HDMI output (Blu-ray player, cable box, laptop)
- Display device(s) with HDMI input (HDTV, projector, monitor)
- Tripp Lite B127A-Series HDMI transmitter, switch or splitter

Package Includes

- B127A-2A0-FH 2-Port HDMI over Cat6 Receiver
- Mounting screws
- Owner's manual

TAA-Compliant for GSA Schedule Purchases
The B127A-2A0-FH is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for
GSA (General Services Administration) Schedule and other federal procurement contracts.

Specifications

OVERVIEW	
UPC Code	037332264084
Product Type	Receiver
Technology	Cat5/5e; Cat6; HDMI; HDR; POC

VIDEO	
Video Input	HDMI (FEMALE)
Video Output	HDMI (FEMALE)
Number of Monitors Supported	2
Video Ports	HDMI (FEMALE)
Video Ports Details	HDMI 2.0; HDCP 2.2
Resolutions Supported	3840 x 2160 (4K x 2K) @ 60 Hz
Max Supported Video Resolution	3840 x 2160 @ 60 Hz
Max 1280 x 720 (720p) Range (ft)	230
Max 1920 x 1080 (1080p) Range (ft)	230
Max 1920 x 1200 Range (ft)	230
Max 2560 x 1600 Range (ft)	230
Max 3840 x 2160 (4K@30Hz) Range (ft)	230
Max 3840 x 2160 (4K@60Hz) Range (ft)	230
Receiver/Transceiver Video Output	HDMI
Receiver - Number of Video Outputs	2
Signal Range (ft)	230
Signal Range (m)	70
Range Extension using other Tripp Lite product	170 ft.
Recommended Cabling	Solid Wire Cat6 Cables (Tripp Lite's N202-Series)
Extended Mode	Yes
Extended Mode Details	x2 HDMI (4K/60 Hz)
Mirror Mode	Yes
Mirror Mode Details	x2 HDMI (4K/60 Hz)

Other Tripp Lite product used to extend range	B127A-010-H
Max Supported Color Depth	36-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
Maximum Signal Range (ft)	230
Maximum Signal Range (m)	70
AUDIO	
Audio Ports	(2) HDMI (FEMALE)
Audio Ports Details	HDMI outputs support passthrough audio formats including LPCM2.0/5.1/7.1
Audio Input	HDMI
Audio Output	HDMI
Audio Specification	Supports pass-through of Audio format includes LPCM2.0/5.1/7.1
INPUT	
Bus Powered	No
POWER	
Power Source Type	AC Adapter
Power Source	Transmitter or Receiver (Optional)
Power Over Cable (PoC) Support	Yes
Receiver Power Source	AC Adapter (Optional); Power Over Cable
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	(x1) Data = Orange (RJ45 port is connected to a transmitter via Cat6 cable)
PHYSICAL	
Color	White
Included Mounting Accessories	Yes
Material of Construction	Metal
Number of Displays	2
Form Factor/Mounting Options	Wallplate
Rackmountable	No
Shipping Dimensions (hwd / cm)	5.51 x 21.39 x 16.41
Shipping Dimensions (hwd / in.)	2.17 x 8.42 x 6.46
Shipping Weight (kg)	0.56

Shipping Weight (lbs.)	1.23
Unit Dimensions (hwd / cm)	11.5 x 7.0 x 3.4
Unit Dimensions (hwd / in.)	4.53 x 2.76 x 1.33
Unit Packaging Type	Box
Unit Weight (kg)	0.45
Unit Weight (lbs.)	1

ENVIRONMENTAL	
Operating Temperature Range	32 to 104F (0 to 40C)
Storage Temperature Range	5 to 122F (-15 to 50C)
Relative Humidity	0 to 85% RH, Non Condensing

COMMUNICATIONS	
Signal Range (ft.)	230
Signal Range (m)	70
Transmission Distance	230 ft., 400 ft. (with B127A-010-H)
EDID Compatible	Yes
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	No
Latency	Zero Latency
USB Extension Support	No

CONNECTIONS	
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	(2) HDMI (FEMALE)

FEATURES & SPECIFICATIONS	
HDCP Specification	1.4; 2.2
Driver Required	No
Recommended Category Cable	24AWG Cat6
All-in-One Kit	No
DIN Mountable	No
Integrated/Removable Cable	No
MST Support	No
Mounting Accessory Included	No

Multi-Resolution Support	No
Built-In Equalizer	Yes
STANDARDS & COMPLIANCE	
Certifications	CE, FCC, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty