Owner's Manual

4K HDMI Over Cat6 Wall-Plate Extender Kit

Models: B127A-1A1-FHFH (Single Output), B127A-2A1-FHFH (Dual Output)

Este manual está disponible en español en la página de Tripp Lite : tripplite.com/support

Ce manuel est disponible en français sur le site Web de Tripp Lite : tripplite.com/support

Русскоязычная версия настоящего руководства представлена на веб-сайте компании Tripp Lite по адресу: tripplite.com/support

Dieses Handbuch ist in spanischer Sprache auf der Website verfügbar Tripp Lite: tripplite.com/support

WARRANTY REGISTRATION

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Package Contents

- Wall Plate Transmitter and Receiver
- External Power Supply (Input: 100-240V, 50/60 Hz, 0.6A; Output: 24V/1A)
- Plug Adapters (AS/NZS 3112 Australia; BS 1363 U.K.; CEE 7/16 Schuko; NEMA 1-15P North America)
- IR-In and IR-Out Cables
- Owner's Manual

Optional Accessories:

- N202-Series Cat6 24 AWG Solid-Wire Patch Cables
- P569-XXX-CERT or P568-XXX-2A Series High-Speed HDMI 2.0 Cables

Product Features

B127A-1A1-FHFH

- Extends 4K x 2K (3840 x 2160) @ 60 Hz video (as specified in HDMI 2.0) up to 230 ft. (70 m)
- HDCP 2.2 and HDR compatible
- Local HDMI port included on transmitter unit
- Plug and play—no software or drivers required
- Power over Cable (PoC) function allows external power supply to be plugged in at either transmitter or receiver side and provide power to both units
- Supports up to 7.1-channel surround sound audio
- Supports bi-directional IR

Product Features

B127A-2A1-FHFH

- Extends 4K x 2K (3840 x 2160) @ 60 Hz video (as specified in HDMI 2.0) up to 230 ft. (70 m)
- HDCP 2.2 and HDR compatible
- Local HDMI port included on transmitter unit
- Plug and play—no software or drivers required
- Power over Cable (PoC) function allows external power supply to be plugged in at either transmitter or receiver side and provide power to both units
- Supports up to 7.1-channel surround sound audio
- Supports bi-directional IR

Disclaimer

Before installation, please check the following settings of your source(s) and TV/monitor(s):

1. Set display to 60 Hz. Double-check factory settings, as default can be set to a lower frequency (Hz) than advertised.
2. Ensure the input setting of your monitor is set at HDMI 2.0. Some displays may have default setting at HDMI 1.4.
3. Verify your monitor has the HDR feature enabled. Some displays may have this feature disabled as a factory setting.
4. Check if the Ultra HD (UHD) Deep Color setting is enabled on your TV/monitor. Confirm with your TV/monitor manufacturer which HDMI ports support UHD Deep Color.

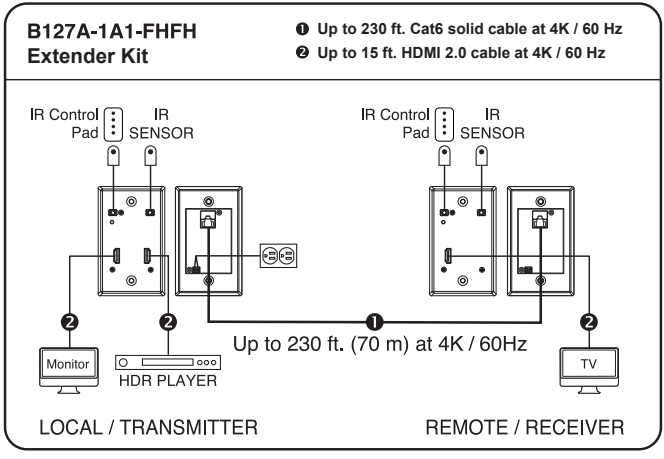
Note: *To connect a local monitor to your installation, the UHD Deep Color setting may need to be disabled on your local TV/monitor (depending on make/model) to achieve 4K 60 Hz resolution.*

Installation

B127A-1A1-FHFH Single-Output Extender Kit

Notes:

- *Make sure all equipment in the installation—such as monitors, an HDMI notebook PC and the transmitter—is powered OFF.*
- *Test to ensure the entire installation works properly before pulling cables through ceilings/walls.*
- *To achieve maximum distance and performance, use 24 AWG solid wire Cat6 cable. Using stranded-wire Cat6 cable, or cable with a gauge (AWG) size higher than 24 AWG, will result in shorter extension distance. Higher gauge cabling, such as 26 AWG, has a more limited transmission capability than lower gauge cabling. All Tripp Lite N202-Series Cat6 cables are made with 24 AWG solid-wire cabling.*
- *External power is not required for remote receiver units due to Power-over-Cable (PoC) technology incorporated in the transmitter units.*



Mounting Instructions

1. Using an HDMI cable, connect the HDMI source to the INPUT port on the local transmitter unit.
2. **Optional:** Using an HDMI 2.0 cable (such as Tripp Lite P569-XXX-CERT or P568-XXX-2A Series cables), connect a local monitor to the LOCALOUT port on the B127A-1A1-FHFH local transmitter unit.
3. Using Cat6 cable, connect the RJ45 port on the local transmitter unit to the RJ45 port on the remote receiver unit.
4. Using an HDMI 2.0 cable (such as Tripp Lite P569-XXX-CERT or P568-XXX-2A Series cables), connect the remote receiver unit's HDMI port to a monitor.
5. Turn the power on to your connected TVs/monitors. The LOCAL (orange) LED will illuminate to indicate the local port is connected to a display.
6. Connect the external power supply to the local transmitter unit and plug it into an available wall outlet or (optional) a Tripp Lite Surge Protector, Power Distribution Unit (PDU) or Uninterruptible Power Supply (UPS). The POWER (green) LED on the local transmitter unit will illuminate to indicate the unit is receiving power from the external power supply. The POWER (green) LED on the remote receiver unit will illuminate to indicate the unit is receiving power from the local transmitter unit through PoC technology.
7. Turn on the power to the HDMI source. The OUTPUT (orange) LED on the local transmitter unit will illuminate to indicate a signal is being received from the source.
8. The (orange) RJ45 LED will illuminate on both local transmitter and remote receiver units to indicate a signal is being received from source to display. The screen should now display on the connected monitor.

Optional: *Connect the included IR-OUT cable to the transmitter unit's IR-OUT port. Place the sensor on the IR-OUT cable in an unobstructed area within clear view of the device being controlled. Then connect the included IR-IN cable to the receiver unit's IR-IN port. The IR-IN cable will communicate the desired command via the transmitter's IR-OUT cable.*

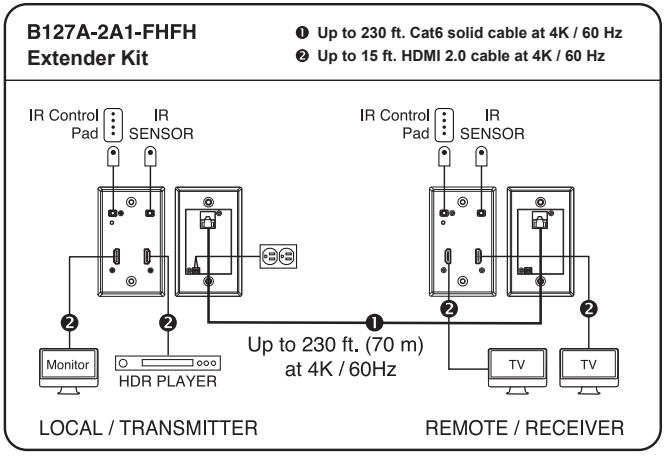
Note: *The IR-OUT cable will receive the signal from the remote control and send it to the device being controlled (e.g. Blu-ray™ player, etc.).*

Installation

B127A-2A1-FHFH Dual-Output Extender Kit

Notes:

- *Make sure all equipment in the installation--such as monitors, an HDMI notebook PC and the transmitter--is powered OFF.*
- *Test to ensure the entire installation works properly before pulling cables through ceilings/walls.*
- *To achieve maximum distance and performance, use 24 AWG solid wire Cat6 cable. Using stranded-wire Cat6 cable, or cable with a gauge (AWG) size higher than 24 AWG, will result in shorter extension distance. Higher gauge cabling, such as 26 AWG, has a more limited transmission capability than lower gauge cabling. All Tripp Lite N202-Series Cat6 cables are made with 24 AWG solid-wire cabling.*
- *External power is not required for remote receiver units due to Power-over-Cable (PoC) technology incorporated in the transmitter units.*



Mounting Instructions

1. Using an HDMI cable, connect the HDMI source to the INPUT port on the local transmitter unit.

3. Optional: Using an HDMI 2.0 cable (such as Tripp Lite P569-XXX-CERT or P568-XXX-2A Series cables), connect a local monitor to the LOCALOUT port on the local transmitter unit.

3. Using Cat6 cable, connect the RJ45 port on the local transmitter unit to the RJ45 port on the remote receiver unit.

4. Using an HDMI 2.0 cable (such as Tripp Lite P569-XXX-CERT or P568-XXX-2A Series cables), connect the remote receiver unit's HDMI port to a monitor.

5. Turn the power on to your connected TVs/monitors. The LOCAL (orange) LED will illuminate to indicate the local port has been connected to a display.

6. Connect the external power supply to the local transmitter unit and plug it into an available wall outlet or (optional) a Tripp Lite Surge Protector, Power Distribution Unit (PDU) or Uninterruptible Power Supply (UPS). The POWER (green) LED on the local transmitter unit will illuminate to indicate the unit is receiving power from the external power supply. The POWER (green) LED on the remote receiver unit will illuminate to indicate the unit is receiving power from the local transmitter unit through PoC technology.

7. Turn on the power to the HDMI source. The OUTPUT (orange) LED on the local transmitter unit will illuminate to indicate a signal is being received from the source.

8. The (orange) RJ45 LED will illuminate on both local transmitter and remote receiver units to indicate a signal is being received from source to display. The screen should now display on the connected monitor.

Optional: *Connect the included IR-OUT cable to the transmitter unit's IR-OUT port. Place the sensor on the IR-OUT cable in an unobstructed area within clear view of the device being controlled. Then connect the included IR-IN cable to the receiver unit's IR-IN port. The IR-IN cable will communicate the desired command via the transmitter's IR-OUT cable.*

Note: *The IR-OUT cable will receive the signal from the remote control and send it to the device being controlled (e.g. Blu-ray™ player, etc.).*

Warranty and Product Registration

1-Year Limited Warranty

TRIPP LITE warrants its products to be free from defects in materials and workmanship for a period of one (1) year from the date of initial purchase. TRIPP LITE's obligation under this warranty is limited to repairing or replacing (at its sole option) any such defective products. To obtain service under this warranty, you must obtain a Returned Material Authorization (RMA) number from TRIPP LITE or an authorized TRIPP LITE service center. Products must be returned to TRIPP LITE or an authorized TRIPP LITE service center with transportation charges prepaid and must be accompanied by a brief description of the problem encountered and proof of date and place of purchase. This warranty does not apply to equipment which has been damaged by accident, negligence or misapplication or has been altered or modified in any way.

EXCEPT AS PROVIDED HEREIN, TRIPP LITE MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Some states do not permit limitation or exclusion of implied warranties; therefore, the aforesaid limitation(s) or exclusion(s) may not apply to the purchaser.

EXCEPT AS PROVIDED ABOVE, IN NO EVENT WILL TRIPP LITE BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS PRODUCT, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Specifically, TRIPP LITE is not liable for any costs, such as lost profits or revenue, loss of equipment, loss of use of equipment, loss of software, loss of data, costs of substitutes, claims by third parties, or otherwise.

PRODUCT REGISTRATION

Visit tripplite.com/warranty today to register your new Tripp Lite product. You'll be automatically entered into a drawing for a chance to win a FREE Tripp Lite product!*

* No purchase necessary. Void where prohibited. Some restrictions apply. See website for details.

WEEE Compliance Information for Tripp Lite Customers and Recyclers (European Union)

Under the Waste Electrical and Electronic Equipment (WEEE) Directive and implementing regulations, when customers buy new electrical and electronic equipment from Tripp Lite they are entitled to:

- Send old equipment for recycling on a one-for-one, like-for-like basis (this varies depending on the country)
- Send the new equipment back for recycling when this ultimately becomes waste

Use of this equipment in life support applications where failure of this equipment can reasonably be expected to cause the failure of the life support equipment or to significantly affect its safety or effectiveness is not recommended.

Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Photos and illustrations may differ slightly from actual products.

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