

# Owner's Manual

## 2-Port DisplayPort to HDMI Over Cat6 Pigtail Splitter/ Extender Kit, 4K/60 Hz

Model: B127U-002-PDPH2

Este manual está disponible en español en la página de Tripp Lite: [triplite.com](http://triplite.com)

Ce manuel est disponible en français sur le site Web de Tripp Lite : [triplite.com](http://triplite.com)

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## Product Features

- Extends a 4K x 2K (3840 x 2160) @ 60 Hz A/V signal from a DisplayPort source to two HDMI displays up to 230 ft. (70 m) from the source over 24 AWG Cat6 cabling
- Transmitter and receiver units can be powered by the built-in 1 ft. USB-A cables for connecting to the USB port on a display or to a USB power adapter, or by the Micro-USB ports on each unit
- Multi-resolution technology allows the receivers to connect to any 1080p, 4K/30 Hz or 4K/60 Hz display without affecting the resolution of the other displays connected to the splitter
- 1 ft. HDMI connectors on transmitter and receiver units connect to the source and display
- Supports passthrough audio formats up to 7.1-channel surround sound
- Real-time video compression and decompression technology
- Compatible with HDCP 2.2 and 1.4 and High Dynamic Range (HDR)
- Compatible with any B127U-Series transmitter or splitter to create flexible DisplayPort and HDMI video installations
- Compatible with DisplayPort (B127U-110-PD) and HDMI (B127U-110-PH) receivers to create flexible daisychain installations with multiple video outputs. Each port on the splitter can extend up to four connected receivers, for a total of eight receivers and 920 feet per daisychain (sold separately).

## **Optional Accessories**

- N202-Series Cat6 24 AWG Solid Wire Patch Cables
- B127U-110-PD DisplayPort over Cat6 Receiver with Repeater
- B127U-110-PH HDMI over Cat6 Receiver with Repeater
- U280-W01-QC3-1 USB-A Wall Adapter, 18 Watts

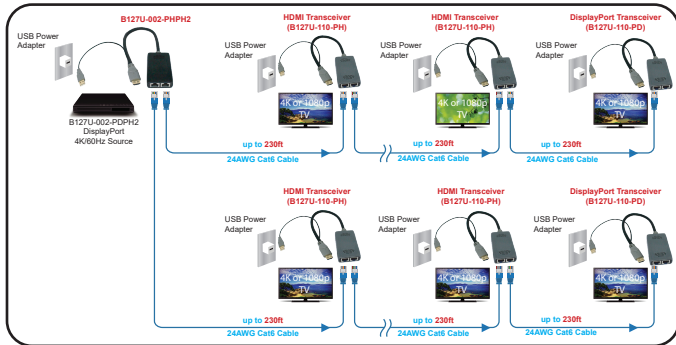
# Installation

## Standard Splitter/Extender Kit Installation

### Notes:

- *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.*
- *The installation diagram shows a B127U-002-PDPH2 splitter/extender kit.*
- *The B127U-Series of transmitter/receiver units can be mixed and matched as desired with either HDMI or DisplayPort video outputs within one installation. The B127U-Series HDMI transmitter products can be used with the B127U-110-PD DisplayPort receiver (and vice-versa) with the B127U-Series DisplayPort transmitter and B127U-110-PH HDMI receiver. Up to four receivers can be daisy-chained at once, per splitter output, for a total of eight receivers.*

# Installation



1. Make sure all equipment in the installation – such as TVs, Blu-ray players and the transmitter – is powered off.
2. Connect the pigtail DisplayPort connector on the transmitter unit to the DisplayPort input on the source.
3. Using 24 AWG solid wire Cat6 cable, connect the RJ45 port on the local transmitter unit to the RJ45 input port on the remote receiver unit.
4. Connect the pigtail HDMI connector on the remote receiver units to the HDMI port on each display.
5. Connect the pigtail USB-A connector on the local transmitter unit to a USB 3.0 port or a USB power adapter (5V/1A) and into a wall power outlet. The LED next to the RJ45 port will illuminate solid green to indicate the unit is receiving power.

## Installation

6. Connect the pigtail USB-A connector on the remote receiver unit to a USB power adapter (5V/1A) or a USB 3.0 port on the display. The LEDs next to the RJ45 connectors will illuminate orange to indicate the ports are receiving power.

**Optional:** The transmitter and receiver units can be charged via the Micro-USB ports on each unit by connecting a Micro-USB to USB-A cable between each unit and a USB power adapter.

7. Turn on the power to your connected TVs/monitors.
8. Turn on the power to the DisplayPort source. The LEDs on both the transmitter and receiver units should begin to flash to indicate video is being transmitted and the video should now display on the connected monitor(s).

# 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.

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- 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

### WARNING

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.

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