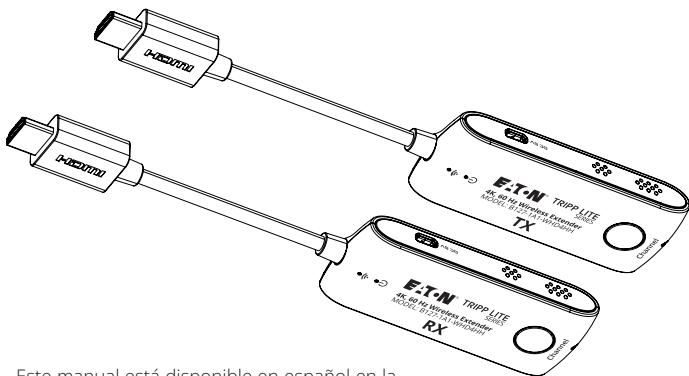


## 4K 60 Hz HDMI over Wireless Extender Kit

B127-1A1-WHD4HH

(HDMI Mini Transmitter + HDMI Mini Receiver)



Este manual está disponible en español en la página de Eaton: [Tripplite.Eaton.com/support](http://Tripplite.Eaton.com/support)

Ce manuel est disponible en français sur le site Web de Eaton : [Tripplite.Eaton.com/support](http://Tripplite.Eaton.com/support)

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Questo manuale è disponibile in italiano sul sito web di Eaton: [Tripplite.Eaton.com/support](http://Tripplite.Eaton.com/support)

Purchased product may differ from image.



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## Important Safety Instructions



- Do not expose this device to rain or place it near water. Any liquid that goes into the device may cause a failure, fire, or electric shock.
- Never insert anything metallic into the open parts of this device. This may cause an electric shock.
- The device should be repaired only by a qualified technician.
- Do not place this device near or over a radiator or heat register, or where it is exposed to direct sunlight.

## Features

- Supports up to 3840 x 2160 @ 60 Hz resolution, backward compatible.
- Supports wireless transmission up to 65 ft. / 20 m (line of sight).
- Supports SSID pairing and channel switching to avoid interference.
- Supports 5G wireless frequency bands, strong anti-interference.
- Supports firmware upgrade via Micro USB port.
- Portable design, plug and play.

## Package Contents



Transmitter x1



Receiver x1



Micro USB cable x2



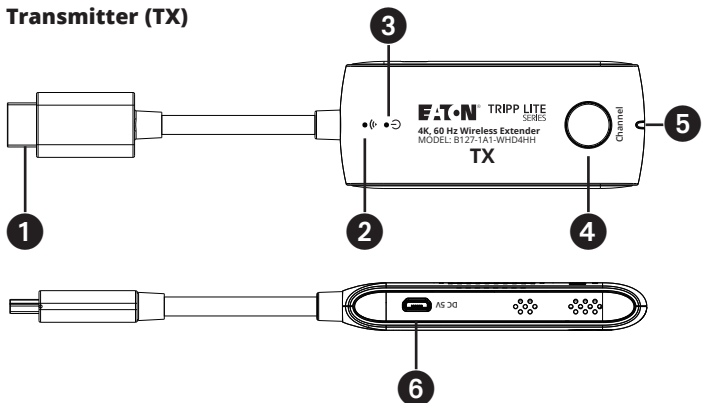
User Documentation x1

## Installation Requirements

- HDMI source device (DVD, game console, PC, etc.)
- HDMI display device (TV, projector, LED screen, etc.)

## Product Description

### Transmitter (TX)



**1 HDMI input**

Connects to an HDMI display device

**2 WiFi indicator**

Slow flash: waiting for connection  
Steady on: connection succeeded  
Quick flash: SSID Pairing mode

**3 Power indicator**

The indicator will turn red when the power is turned on

**4 Channel switch button**

Press to switch channels  
Press and hold 5s for SSID pairing  
Press and hold 10s for restore factory settings

**5 Signal indicator**

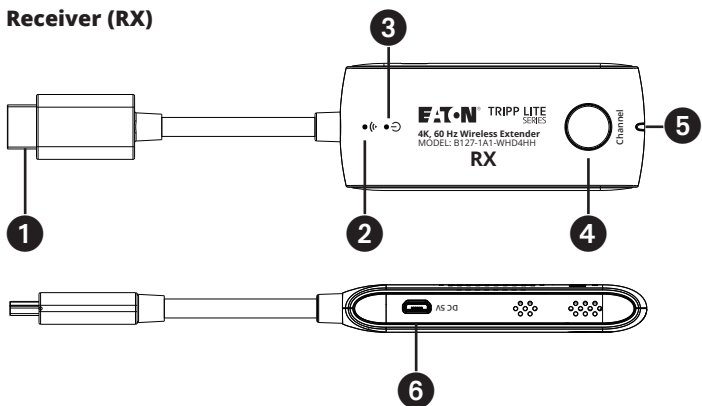
Light off: no HDMI signal  
Steady on: HDMI signal is transmitting  
Quick flash: restore factory settings

**6 Micro USB port**

For power input and firmware upgrade

## Product Description

### Receiver (RX)



**1 HDMI output**

Connects to an HDMI display device

**2 WiFi indicator**

Slow flash: waiting for connection  
Steady on: connection succeeded  
Quick flash: SSID Pairing mode

**3 Power indicator**

The indicator will turn red when the power is turned on

**4 Channel switch button**

After connecting with TX, press to switch channels  
Press and hold 5s for SSID pairing  
Press and hold 10s for restore factory settings

**5 Signal indicator**

Light off: no HDMI signal  
Steady on: HDMI signal is transmitting  
Quick flash: restore factory settings

**6 Micro USB port**

For power input and firmware upgrade

# Installation

## 1. Connection Diagram

One-to-one connection



## 2. Connection Instructions

1. Connect the transmitter to the HDMI output port of the signal source device.
2. Connect the receiver to the HDMI input port of the display device.
3. Connect one Micro USB cable to the transmitter and to a user-provided 5V 1A USB wall charger or power bank.
4. Connect one Micro USB cable to the receiver and to a USB-A port on the display or a USB wall charger.

## 3. SSID Pairing

1. Enter the SSID pairing mode by holding the transmitter and receiver's channel switch buttons for five seconds. Both WiFi connection indicators will flash quickly in blue.
2. When the SSID pairing is successful, the WiFi indicators on the transmitter and receiver will change from quick flashing to slow flashing or steady on.

NO.	Frequency
Channel 1	5.180 GHz
Channel 2	5.200 GHz
Channel 3	5.220 GHz
Channel 4	5.240 GHz

## FAQ

**Q:** Why the receiver and transmitter cannot be connected, showing "Search Tx..." on the screen?

- A:**
- 1) Move transmitter and receiver closer.
  - 2) Re-power the transmitter or receiver.
  - 3) Re-pair the transmitter and receiver.

**Q:** Why the Wi-Fi indicator is steady on but showing "Please check the TX input signal"?

- A:**
- 1) Make sure the TX has HDMI input and that the resolution is within the specified range.
  - 2) Try to connect the signal source directly to the display device, or change the signal source and HDMI cable and test again.

**Q:** Why is the display stuttering or unstable?

- A:**
- 1) Place the transmitter or receiver within the signal coverage and minimize obstructions between the transmitter and receiver.
  - 2) Switch to a different channel to avoid interference from other wireless signals.
  - 3) Re-power the receiver or transmitter.

## Specifications

<b>Power Cables</b>	Voltage/Current	Micro USB (5V/1A)
	Power consumption	TX < 5W, RX < 3.5W
<b>HDMI Performance and Interface</b>	HDMI version	HDMI 2.0
	HDCP version	HDCP 1.4/HDCP 2.2
	Max transmission rate	18 Gbps
	Resolution supported	3840x2160@24/30/50/60 Hz (YUV 4:4:4, YUV 4:2:2 and RGB), 1080p@50/60 Hz, 720p@50/60 Hz, 1920x1200@60 Hz
	Input and output TMDS signal	0.7~1.2Vp-p (TMDS)
	Input and output DDC signal	5Vp-p (TTL)
<b>Transmission</b>	Wi-Fi Frequency bands	5.18-5.24 GHz
	Transmission distance	≤ 20m
	Latency	100~250ms
	Connection types	One to one
	SSID pairing	Supported
<b>Protection Level</b>	ESD protection	1a Contact discharge level 3 1b Air discharge level 3 Standard: IEC61000-4-2



## Specifications

<b>Operating Environment</b>	Operating temperature	-4~122°F (-20~50°C)
	Storage temperature	-22~158°F (-30~70°C)
	Humidity (non-condensing)	0~90% RH
<b>Physical Properties</b>	Dimensions [W x L x H]	TX / RX: 1.6 x 9 x 0.6 in. (40 x 230 x 15 mm)
	Color	Black
	Material	ABS
	Net weight	TX: 0.13 lb. (58 g); RX: 0.12 lb. (54 g)

## Warranty

### 1-Year Limited Warranty

We warrant our products to be free from defects in materials and workmanship for a period of one (1) year from the date of initial purchase. Our obligation under this warranty is limited to repairing or replacing (at its sole option) any such defective products. Visit **[Tripplite.Eaton.com/support/product-returns](https://www.tripplite.com/support/product-returns)** before sending any equipment back for repair. 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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EXCEPT AS PROVIDED ABOVE, IN NO EVENT WILL WE 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, we are 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.

### Regulatory Compliance Identification Numbers

For the purpose of regulatory compliance certifications and identification, your product has been assigned a unique series number. The series number can be found on the product nameplate label, along with all required approval markings and information. When requesting compliance information for this product, always refer to the series number. The series number should not be confused with the marking name or model number of the product.

## Warranty

### WEEE Compliance Information for 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 Eaton, 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

Eaton has a policy of continuous improvement. Specifications are subject to change without notice.



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