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## WP-EN6 Quick Start Guide

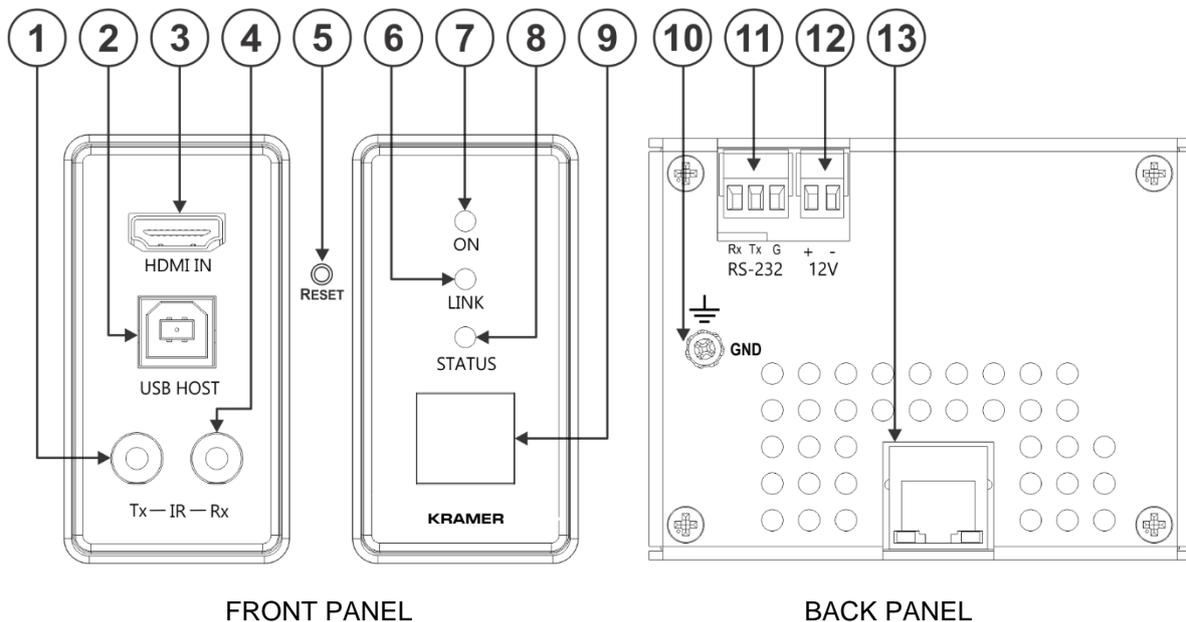
This guide helps you install and use your WP-EN6 for the first time.

Go to [www.kramerav.com/downloads/WP-EN6](http://www.kramerav.com/downloads/WP-EN6) to download the latest user manual and check if firmware upgrades are available.

### Step 1: Check what's in the box

- WP-EN6 Video Encoder
- 1 Quick start guide
- Installation accessories
- Frame (or frame set) and faceplate

### Step 2: Get to know your WP-EN6



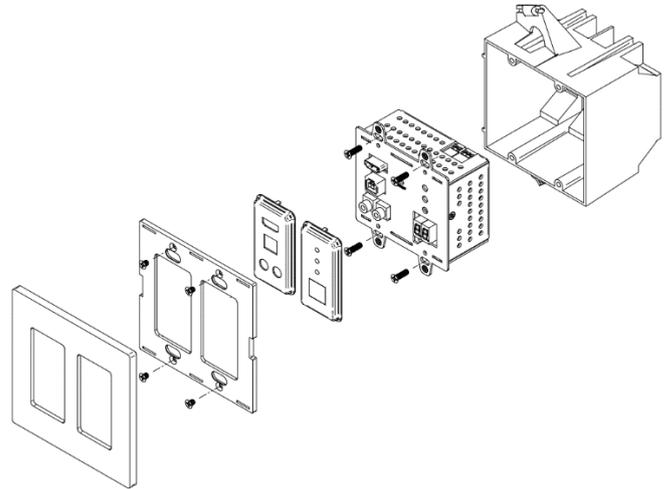
#	Feature	Function
1	IR TX on a 3.5mm Mini Jack	Connect to an emitter.
2	USB Type B Port	Connect to a USB host, for example, a PC.
3	HDMI™ IN Connector	Connects to an HDMI source.
4	IR RX on a 3.5mm Mini Jack	Connect to a receiver.
5	Reset Button (under wall plate)	Press briefly to perform a software reset. Press and hold for 10 seconds to perform a factory reset.
6	LINK LED	On when a WP-EN6 to KDS-DEC6 link is established and is transmitting A/V signals.
7	ON LED	Flashes during power up and lights when on.
8	STATUS LED	Identifies a device in a system. When sending a P3K FIND-ME command to the system, the LED of the device to be identified flashes for 5 seconds.
9	CHANNEL Display	Displays the selected channel. If the channel number exceeds 99, the 100 indicator turns on (for example, channel 124 appears as "024").
10	Ring Tongue Terminal Grounding Screw	Connect to grounding wire (optional).
11	RS-232 3-pin Terminal Block Connector (Tx, Rx and common G)	Connect to an RS-232 controller device (to control a device on the decoder side)
12	Power Supply 2-pin Terminal Block Connector	Connect to a power supply (if required). Connect GND to GND, +12V to +12V.
13	LAN/POE RJ-45 Connector	Connect to the network using recommended Kramer cables. Note that this port supports power over Ethernet (PoE).

## Step 3: Install WP-EN6

Insert the device into the in-wall box (note that first you need to connect the LAN/POE RJ-45 Connector cable and/or power) and connect the parts as shown in the illustration:

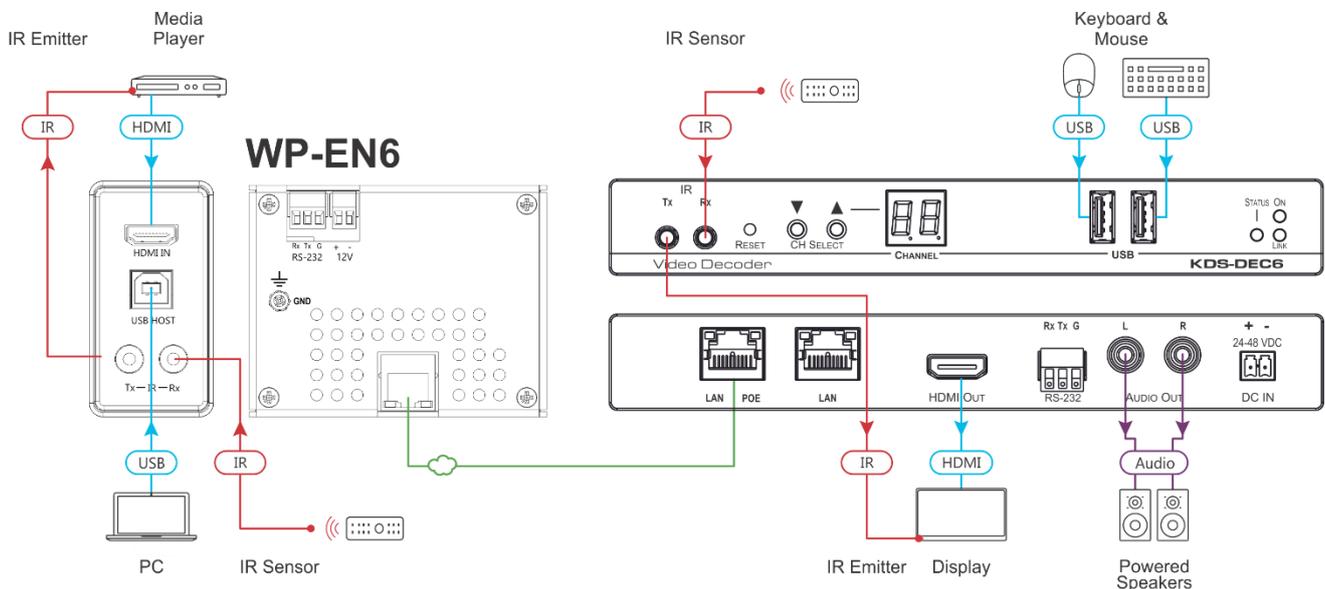
**i** DECORA® design frames are included in US-D models.  
DECORA® is a registered trademark of Leviton Manufacturing Co., Inc.

We recommend that you use a **US-D 2 gang** US electrical junction box (or their equivalent).



## Step 4: Connect inputs and outputs

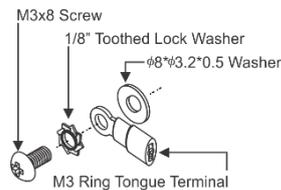
Always switch OFF the power on each device before connecting it to your WP-EN6. For best results, we recommend that you always use Kramer high-performance cables to connect AV equipment to the WP-EN6.



### RS-232 Configuration

RS-232 Control	
Baud Rate:	115,200
Data Bits:	8
Stop Bits:	1
Parity:	None

### Grounding the WP-EN6 (Optional)



1. Connect the ring tongue terminal to the building grounding point wire (a green-yellow, AWG#18 (0.82mm<sup>2</sup>) wire, crimped with a proper hand-tool is recommended).
2. Insert the M3x8 screw through the toothed lock washer, the tongue terminal and the washer in the order shown above.
3. Insert the M3x8 screw (with toothed lock washer ring tongue terminal and washer) into the grounding screw hole and tighten the screw.



For optimal performance, use the recommended Kramer cables available at [www.kramerav.com/product/WP-EN6](http://www.kramerav.com/product/WP-EN6).  
Using third-party cables may cause damage!

## Step 5: Connect power

When accepting power from a PoE provider, there is no need to connect the 12V DC power supply. Otherwise, connect the 12V power adapter (sold separately) to the device and plug the power supply into the mains electricity.

### Safety Instructions



#### Caution:

- For products with relay terminals and GPIO ports, please refer to the permitted rating for an external connection, located next to the terminal or in the User Manual.
- There are no operator serviceable parts inside the unit.

#### Warning:

- Use only the power cord that is supplied with the unit.
- Disconnect the power and unplug the unit from the wall before installing.
- Do not open the unit. High voltages can cause electrical shock! Servicing by qualified personnel only.
- To ensure continuous risk protection, replace fuses only according to the rating specified on the product label which located on the bottom of the unit.

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