KRAMER

WP-2UT/R-KIT Quick Start Guide

Scan for full manual

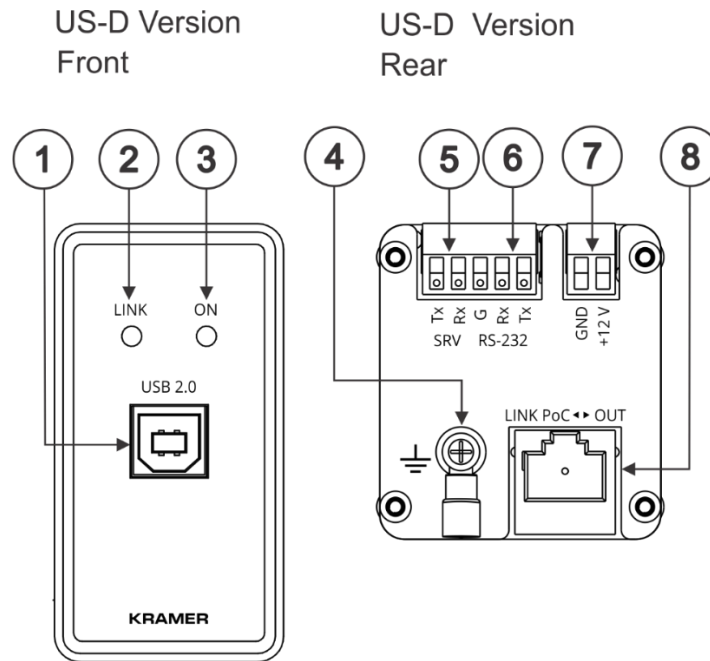This guide helps you install and use your **WP-2UT/R-KIT** for the first time.

Go to www.kramerav.com/downloads/WP-2UT/R-KIT to download the latest user manual and check if firmware upgrades are available.
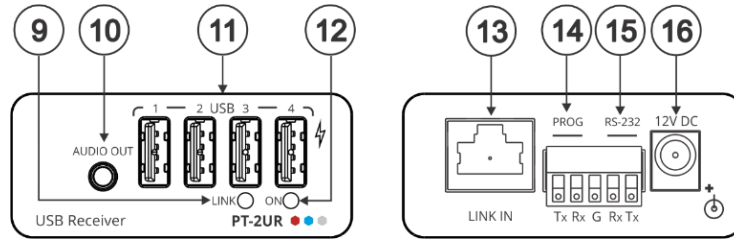
Step 1: Check what's in the box

- ☑ **WP-2UT USB Transmitter**
- ☑ **PT-2UR USB Receiver**
- ☑ 1 **C-USB/AB-6** cable
- ☑ 1 Power adapter and cord
- ☑ Installation accessories
- ☑ Frame set and faceplate
- ☑ 1 Bracket set
- ☑ 1 Quick start guide

Step 2: Get to know your WP-2UT/R-KIT

WP-2UT

#	Feature		Function
1	USB 2.0 Type B Port		Connect to USB host.
2	LINK LED		Flashes blue when a link is established.
3	ON LED		Lights green when locally powered by the power adapter. Lights orange when powered by PoC.
4	Ring Tongue Terminal Grounding Screw		Connect to grounding wire (optional).
5	SRV (Tx, Rx)	5-pin Terminal Block Connector (with a common G pin)	Connect for firmware upgrade.
6	RS-232 (G, Rx, Tx)		Connect for serial extension (9600 baud rate).
7	Power Supply 2-pin Terminal Block Connector		Connect to the power supply. Connect GND to GND, +12V to +12V.
8	LINK POC ◄► OUT RJ-45 Connector		Connect to the LINK IN port on the **PT-2UR** and to power either the device via the receiver or the receiver by the device.

#	Feature		Function
9	LINK LED		Flashes blue when a link is established.
10	AUDIO OUT 3.5mm Mini Jack		Connect to an unbalanced stereo audio acceptor.
11	USB 2 Type A Ports (1 to 4)		Connect to USB devices. Connect **PT-2UR** directly to the power adapter in order to charge USB devices.
12	ON LED		Lights green when locally powered by the power adapter. Lights orange when powered by PoC.
13	LINK IN RJ-45 Connector		Connect to the LINK OUT port on the **WP-2UT** and to power either the device via the transmitter or the transmitter by the device.
14	PROG (Tx, Rx)	5-pin Terminal Block Connector (with a common G pin)	Connect for firmware upgrade.
15	RS-232 (G, Rx, Tx)		Connect for serial extension (9600 baud rate).
16	12V DC Power Connector		Connect to the supplied power adapter.

Step 3: Install the WP-2UT/R-KIT

WP-2UT

Insert the device into the in-wall box (note that first you need to connect the HDBT cable and power) and connect the parts as shown in the illustrations below:
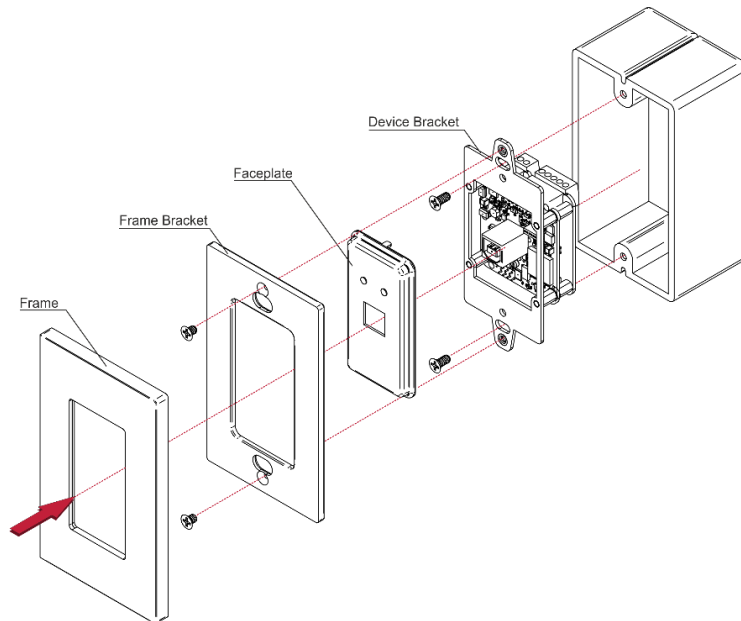
US-D Version

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

We recommend that you use any of the following standard 1 Gang in-wall junction boxes (or their equivalent):
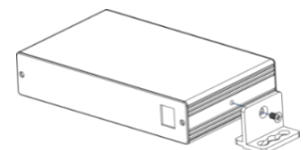
- **US-D**: 1 Gang US electrical junction boxes.

PT-2UR

Install **PT-2UR** using one of the following methods:

- Attach the rubber feet and place the unit on a flat surface.
- Fasten a bracket (included) on each side of the unit and attach it to a flat surface (see www.kramerav.com/downloads/PT-2UT/R).
- Mount the unit in a rack using the recommended rack adapter (see www.kramerav.com/product/PT-2UT/R).

⚠
- Ensure that the environment (e.g., maximum ambient temperature & air flow) is compatible for the device.
- Avoid uneven mechanical loading.
- Appropriate consideration of equipment nameplate ratings should be used for avoiding overloading of the circuits.
- Reliable earthing of rack-mounted equipment should be maintained.
- Maximum mounting height for the device is 2 meters.

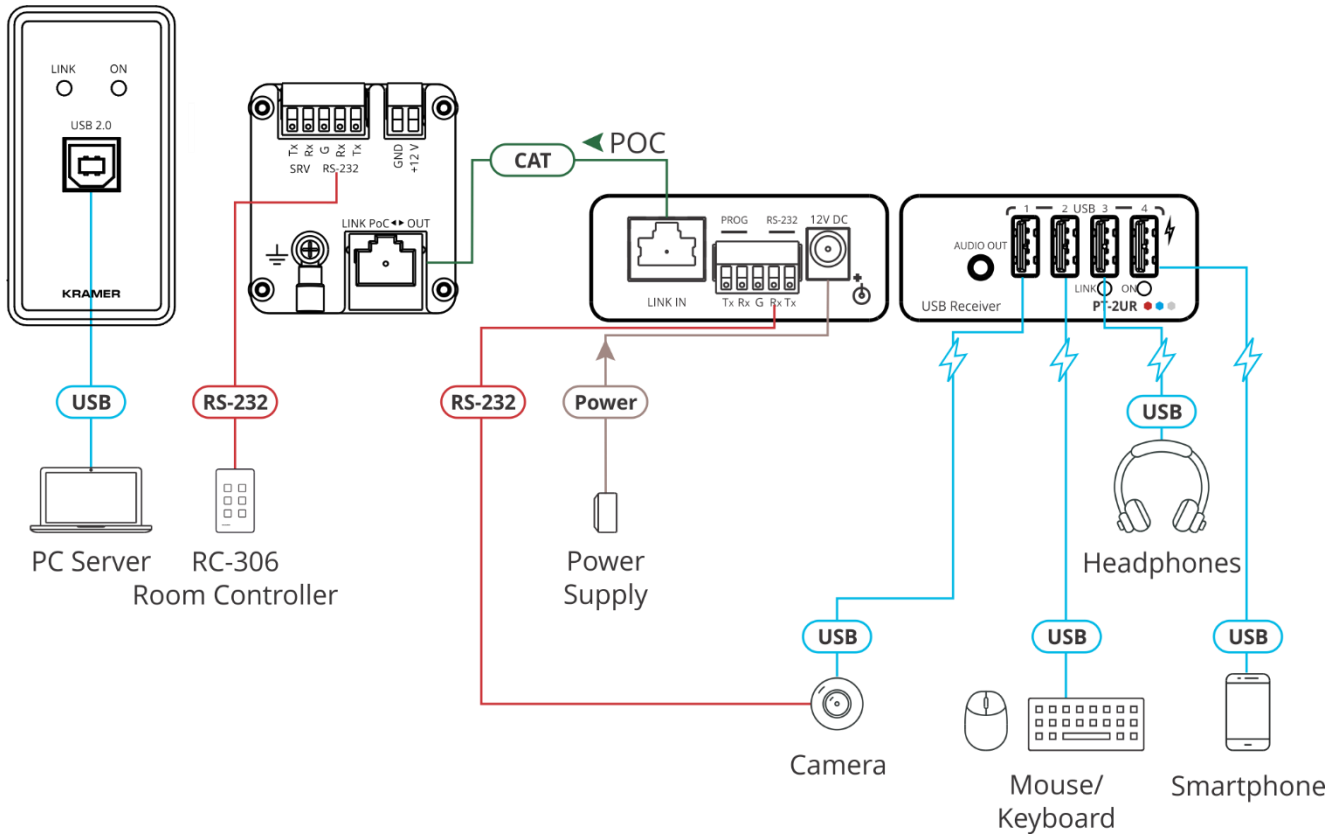# Step 4: Connect the inputs and outputs

Always switch OFF the power on each device before connecting it to your **WP-2UT/R-KIT**. For best results, we recommend that you always use Kramer high-performance cables to connect AV equipment to the **WP-2UT/R-KIT**.
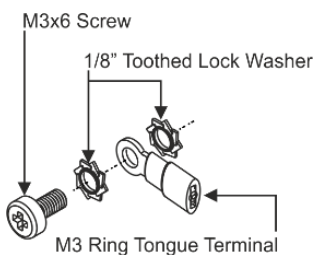
In the following example, devices that are connected to the **PT-2UR** USB ports are powered/charged while connected.

Only 9600 baud rate is supported for RS-232 communication for both **WP-2UT** and **PT-2UR**.
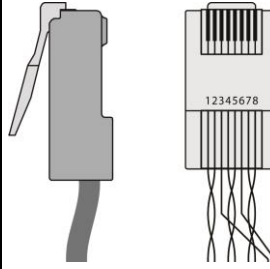

Grounding the WP-2UT (Optional)

1. Connect the ring tongue terminal to the building grounding point wire (a green-yellow, AWG#18 (0.82mm^2) wire, crimped with a proper hand-tool is recommended).

2. Insert the M3x6 screw through the toothed lock washers and the tongue terminal in the order shown above.

3. Insert the M3x6 screw (with the two toothed lock washers and ring tongue terminal) into the grounding screw hole and tighten the screw.

Wiring the RJ-45 Connectors

This section defines the TP pinout, using a straight pin-to-pin cable with RJ-45 connectors.

EIA /TIA 568B	
PIN	**Wire Color**
1	Orange / White
2	Orange
3	Green / White
4	Blue
5	Blue / White
6	Green
7	Brown / White
8	Brown

It is recommended that the cable ground shielding be connected/soldered to the connector shield.

To achieve specified extension distances, use the recommended Kramer cables available at www.kramerav.com/product/WP-2UT/R-KIT. Using third-party cables may cause damage!

Step 5: Connect the power

Connect the 12V power adapter to the **WP-2UT/R-KIT** transmitter or receiver side and plug the power supply into the mains electricity.

Safety Instructions

Caution:
- For products with relay terminals and GPI\O 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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