kramer EXT3-UE-R USB 2.0 and Ethernet PoC Receiver User Guide

EXT3-UE-R Quick Start Guide

Contents

EXT3-UE-R USB 2.0 and Ethernet PoC Receiver

This guide helps you install and use your EXT3-UE-R for the first time.
Go to **www.kramerav.com/downloads/EXT3-UE-R** to download the latest user manual and check if firmware upgrades are available.
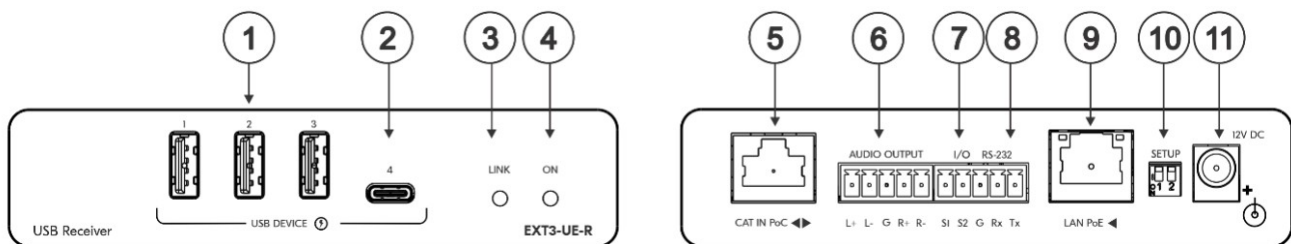
Scan for full manual

Step 1: Check what's in the box

- ☑ EXT3-UE-R USB Receiver
- ☑ 1 Bracket set
- ☑ 4 Rubber feet
- ☑ 1 Quick start guide
- ☑ 1 USB-C 2.0 (1.8m) cable

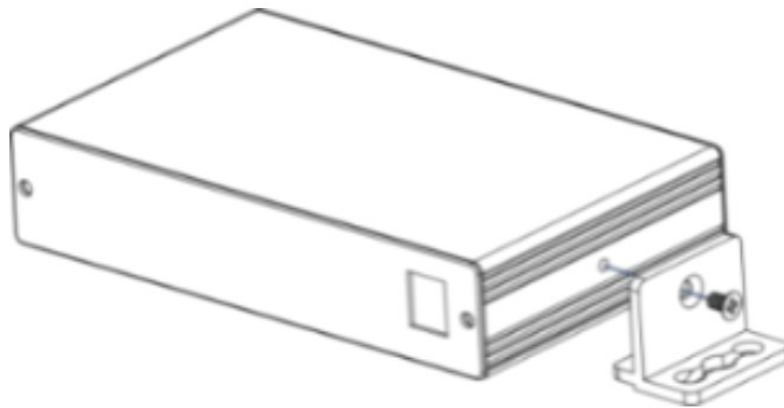## Step 2: Get to know your EXT3-UE-R

#	Feature	Function
1	USB 2 Type A Ports (1 to 3)	Connect to USB local devices (for example, a USB camera, a soundbar, microphone etc.). Ports provide standard USB device charging.
2	USB-C Port (4)	Connect to USB local devices (for example, a USB camera, a soundbar, microphone etc.). Port provides standard USB device charging. Note: Port does not provide Power Delivery 2.0 charging.
3	LINK LED	Flashes blue when a link is established.
4	ON LED	Lights green when locally powered by the power adapter. Lights orange when powered by PoC.
5	CAT IN PoC RJ-45 Connector	Connect to: • One of the USB CAT OUT PoC ports on the SWT3-41-U-T, OR, • CAT A or CAT B on the ACC3-12-SP 1:2 CAT Cable Splitter which can be connected to the SWT3-41-U-T.
6	AUDIO OUTPUT 5-pin Terminal Block Connector L+, L-, G)	Connect to a balanced analog stereo audio line acceptor.
7	I/O 2-pin Terminal Block (S1 to S2)	Connect to: • Input-triggering devices (for example, remote buttons or sensors), OR • Output-triggered devices (for example, remote alarm LED indication). These GPIO ports may be configured via paired SWT3-41-U-T embedded webpages, as digital input or output ports.
8	RS-232 3-pin Terminal Block (G, Rx, Tx)	Connect to an RS-232 controlled device (for example, the connected PTZ USB camera) to be controlled via a controller (for example, SL-240C) which is IP-connected to a paired SWT3-41U-T.
9	LAN PoE RJ-45 Connector	Connect to LAN or to an IP-controlled device (for example, the connected PTZ USB camera). The device accepts power from the LAN port.
10	SETUP 2-way DIP-switch	ⓘ All changes in DIP-Switches apply immediately.

		DIP-switch Name	DIP-switch #	DIP-Switch State	State Description
		RS-232 MODE	1	OFF (up) default	Extension mode
				ON (down)	Programming mode
		For future use	2	Mandatory OFF (up)	
11	12V DC Power Connector	Connect to the power adapter (optional, not included).			

Step 3: Mount EXT3-UE-R

Install EXT3-UE-R 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/EXT3-UE-R**).
- Mount the unit in a rack using the recommended rack adapter (see **www.kramerav.com/product/EXT3-UE-R**).
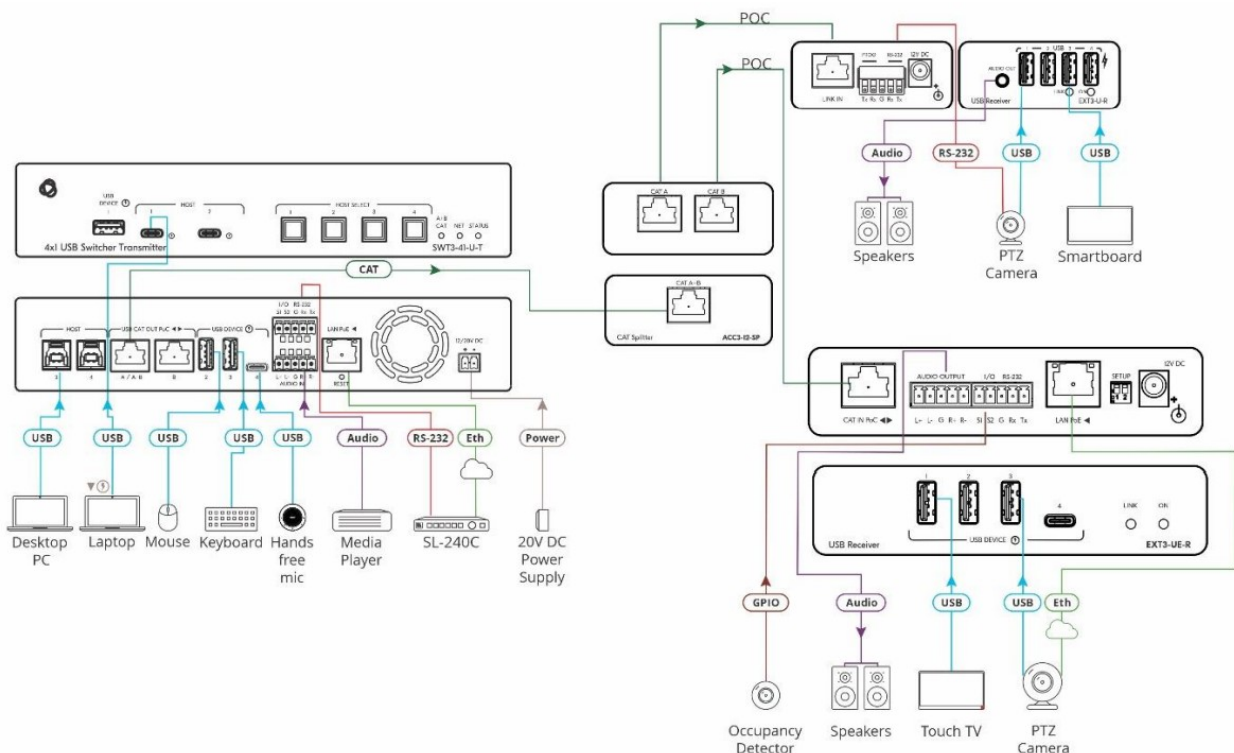

- ⚠ Ensure that the environment (e.g., maximum ambient temperature & air flow) is compatible for the device.
- Avoid uneven mechanical loading.
- Appropriate consideration of equipment nameplate ratings should be used for avoiding overloading of the circuits.
- Reliable earthing of rack-mounted equipment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

Step 4: Connect inputs and outputs

Always switch OFF the power on each device before connecting it to your EXT3-UE-R.

ⓘ USB devices that are connected to the EXT3-UE-R USB ports are powered/charged while connected.

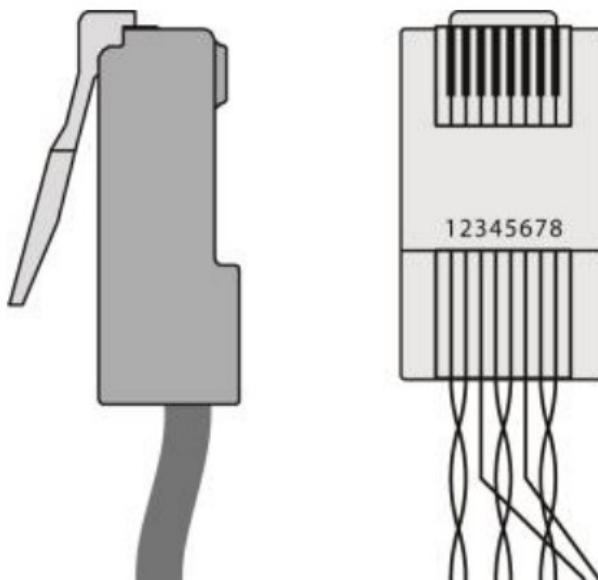ⓘ Only 9600 baud rate is supported for RS-232 communication for EXT3-UE-R.

Wiring the RJ-45 Connectors

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

ⓘ It is recommended that the cable ground shielding be connected/soldered to the connectorshield.

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

ⓘ To achieve specified extension distances, use the recommended Kramer cables available at w**ww.kramerav.com/product/EXT3-UE-R**.
Using third-party cables may cause damage!

Step 5: Connect power

EXT3-UE-R is powered via POC or optional PSU.
Safety Instructions (See **www.kramerav.com** for updated safety information)
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.

kramer

kramerav.com

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

P/N: 2900-301654QS   Rev: 2

UK CA   CE   22 PAP

Documents / Resources

kramer EXT3-UE-R USB 2.0 and Ethernet PoC Receiver [pdf] User Guide
EXT3-UE-R USB 2.0 and Ethernet PoC Receiver, EXT3-UE-R, USB 2.0 and Ethernet PoC Receiver, Ethernet PoC Receiver, PoC Receiver, Receiver

References

- **Kramer | Audio-Visual Solutions and Experiences**
- **Kramer | Audio-Visual Solutions and Experiences**
- **Application Diagrams - Kramer Electronics**
- **EXT3-UE-R USB 2.0 and Ethernet PoC Receiver**
- **User Manual**