



kramer EXT3-UE-R USB 2.0 Extender Kit User Guide

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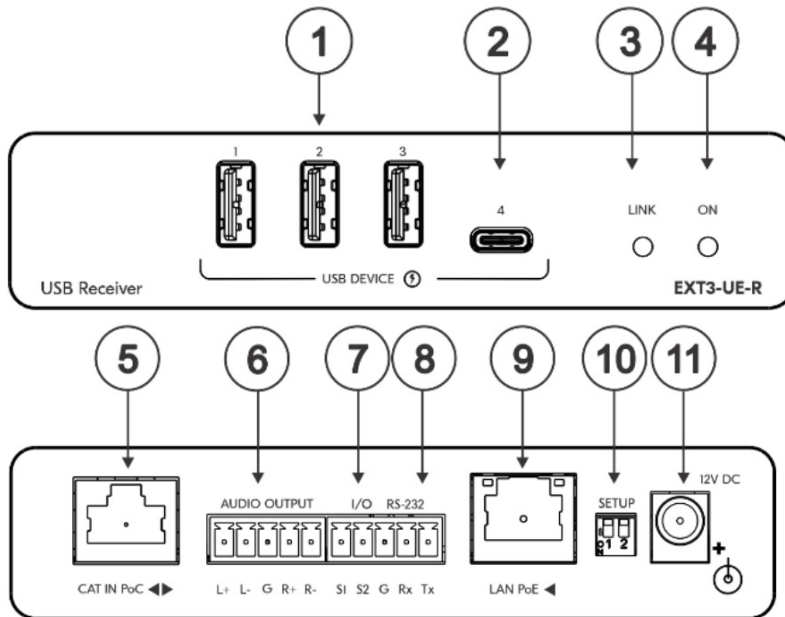
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Step 1: Check what's in the box

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

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

EXT3-UE-R



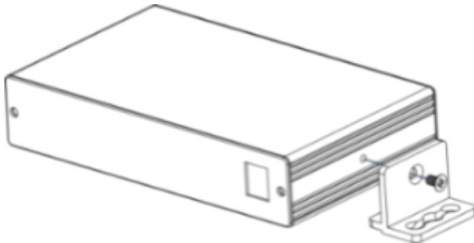
#	Feature	Function
1	USB 2 Type A Ports (1 to 3)	Connect to USB local devices (for example, a USB camera, a soundbar, microphone etc.). Ports provide standard USB device charging.
2	USB-C Port (4)	Connect to USB local devices (for example, a USB camera, a soundbar, microphone etc.). Port provides standard 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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-240 C) which is IP-connected to a paired SWT3-41-U-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	Note: 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

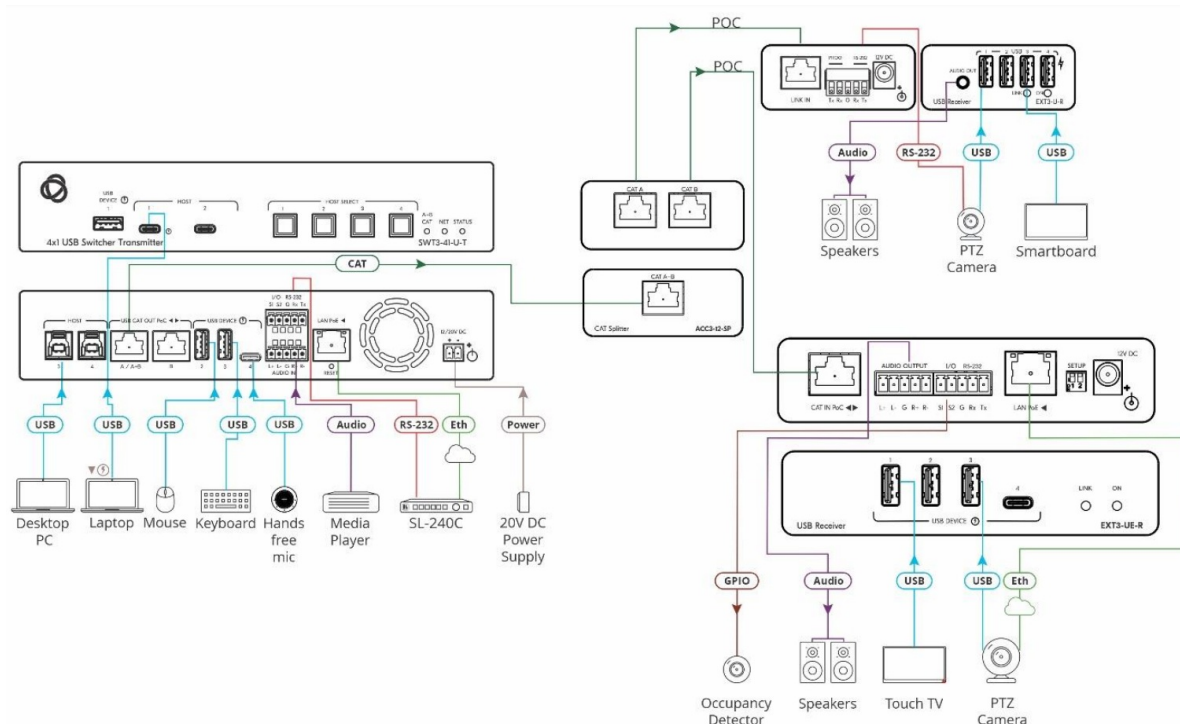
Always switch OFF the power on each device before connecting it to your EXT3-UE-R.



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



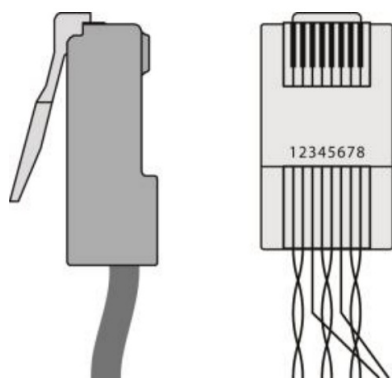
Only 9600 baud rate is supported for RS-232 communication for both EXT3-UE-R and EXT3-U-R.



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/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 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

This guide helps you install and use your EXT3-UE-R for the first time.

Go to <http://www.kramerav.com/downloads/EXT3-UE-R> to download the latest user manual and check if firmware upgrades are available.

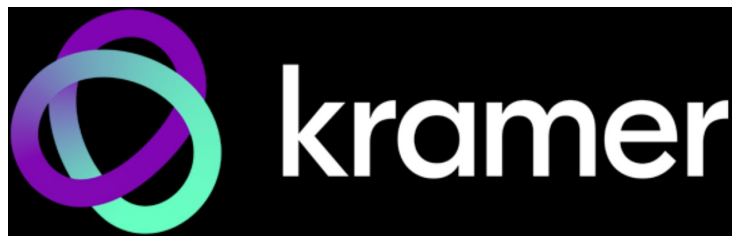
Scan for full manual




UK
CA

CE





Documents / Resources

	<p>kramer EXT3-UE-R USB 2.0 Extender Kit [pdf] User Guide EXT3-UE-R, EXT3-UE-R USB 2.0 Extender Kit, USB 2.0 Extender Kit, Extender Kit, Kit</p>
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References

- [Kramer | Audio Visual Solutions - Kramer](#)
- [Kramer | Audio Visual Solutions - Kramer](#)
- [Application Diagrams - Kramer Electronics](#)
- [EXT3-UE-R USB 2.0 and Ethernet PoC Receiver](#)
- [User Manual](#)