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EXT3-U-R Quick Start Guide

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

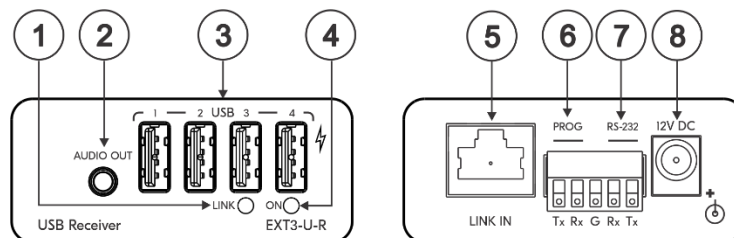
Go to www.kramerav.com/downloads/EXT3-U-R to download the latest user manual and check if firmware upgrades are available.

Step 1: Check what's in the box

- ✓ EXT3-U-R USB Receiver
- ✓ 1 Bracket set
- ✓ 4 Rubber feet
- ✓ 1 Quick start guide

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

EXT3-U-R

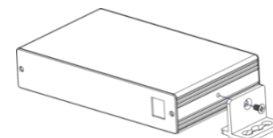


#	Feature	Function	
1	LINK LED	Flashes blue when a link is established.	
2	AUDIO OUT 3.5mm Mini Jack	Connect to an unbalanced stereo audio acceptor.	
3	USB 2 Type A Ports (1 to 4)	Connect to USB devices. Connect the receiver directly to the power adapter in order to charge USB devices.	
4	ON LED	Lights green when locally powered by the power adapter. Lights orange when powered by PoC.	
5	LINK IN RJ-45 Connector	Connect to the LINK OUT port on the EXT3-U-T.	
6	PROG (Tx, Rx)	5-pin Terminal Block Connector (with common G pin)	Connect for firmware upgrade.
7	RS-232 (Rx, Tx)		Connect for serial extension (9600 baud rate).
8	12V DC Power Connector	Connect to the power adapter.	

Step 3: Mount EXT3-U-R

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

In this example EXT3-U-R is connected to the Kramer SWT3-41-U-T transmitter.

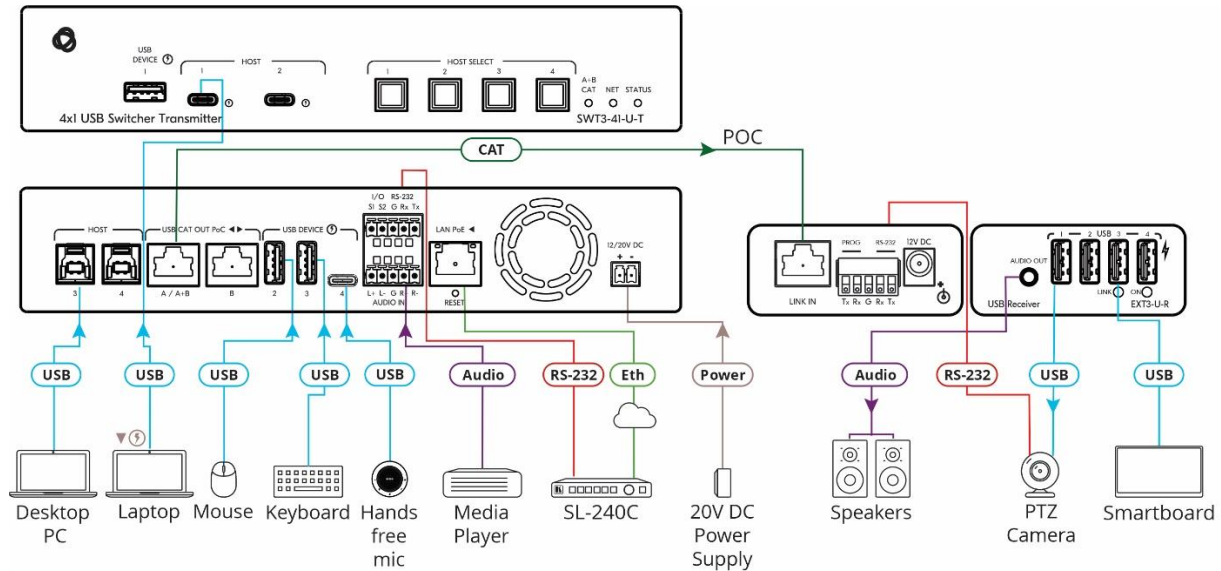
Always switch OFF the power on each device before connecting it to your EXT3-U-R.



Devices that are connected to the EXT3-U-R USB ports are powered/charged while connected.



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



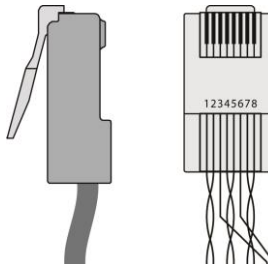
Wiring the RJ-45 Connectors

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



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

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 www.kramerav.com/product/EXT3-U-R. Using third-party cables may cause damage!

Step 5: Connect power

EXT3-U-R is powered via POC.

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.