Manuals+ — User Manuals Simplified.
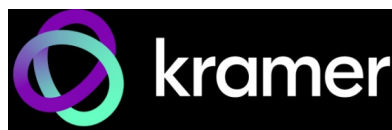
kramer EXT3-U-R USB Receiver

kramer EXT3-U-R USB Receiver User Guide

Contents

kramer EXT3-U-R USB Receiver

Product Information

Specifications:

- Model: EXT3-U-R
- USB Receiver: 1
- Bracket set: 1
- Rubber feet: 4

Product Usage Instructions

Step 1: Check what's in the box
Ensure the following items are included:

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

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

Features

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 for USB device charging.
4. ON LED: Lights green when locally powered by the adapter, 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: Connect for firmware upgrade.
7. RS-232 (Rx, Tx) (with common G pin): 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 recommended methods provided in the manual.

Step 4: Connect inputs and outputs
Connect your devices to EXT3-U-R following the instructions provided. Always power OFF devices before connecting them.

Wiring the RJ-45 Connectors:
This section defines the TP pinout using a straight pin-to-pin cable with RJ-45 connectors. Ensure proper wiring as per the provided diagram.

Step 5: Connect power
The EXT3-U-R is powered via PoC. Follow safety instructions for power connection.

FAQ

- **Q: How do I update firmware on EXT3-U-R?**

  A: To update firmware, connect the PROG (Tx, Rx) terminal block connector for firmware upgrade as detailed in the manual.

- **Q: Can I use third-party cables with EXT3-U-R?**

  A: It is recommended to use Kramer cables available at **www.kramerav.com/product/EXT3-U-R** to avoid any potential damage. Third-party cables may not be compatible.

- **Q: What baud rate is supported for RS-232 communication?**

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

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.
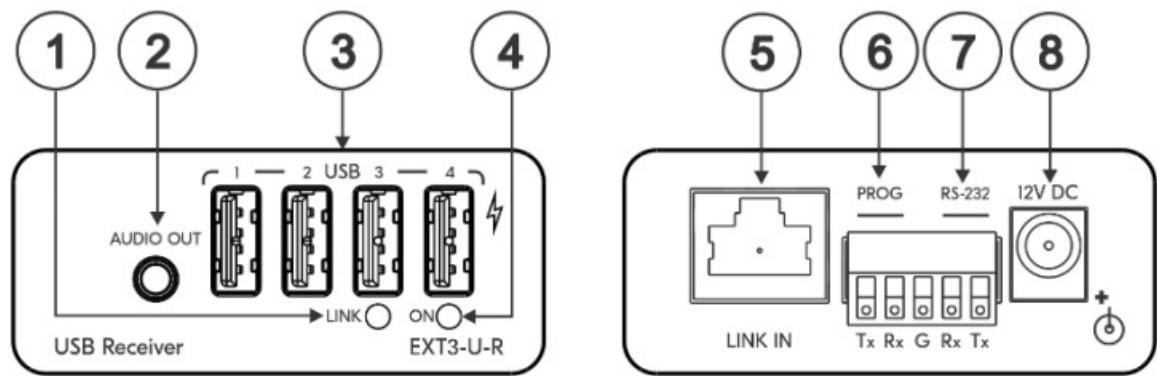

Scan for full manual

Step 1: Check what's in the box

- EXT3-U-R USB Receiver
- 1 Bracket set
- 4 Rubber feet
- 1 Quick start guide
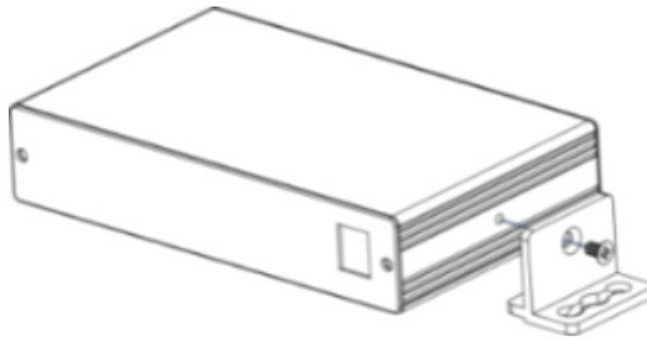
Step 2: Get to know your EXT3-U-R

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**).
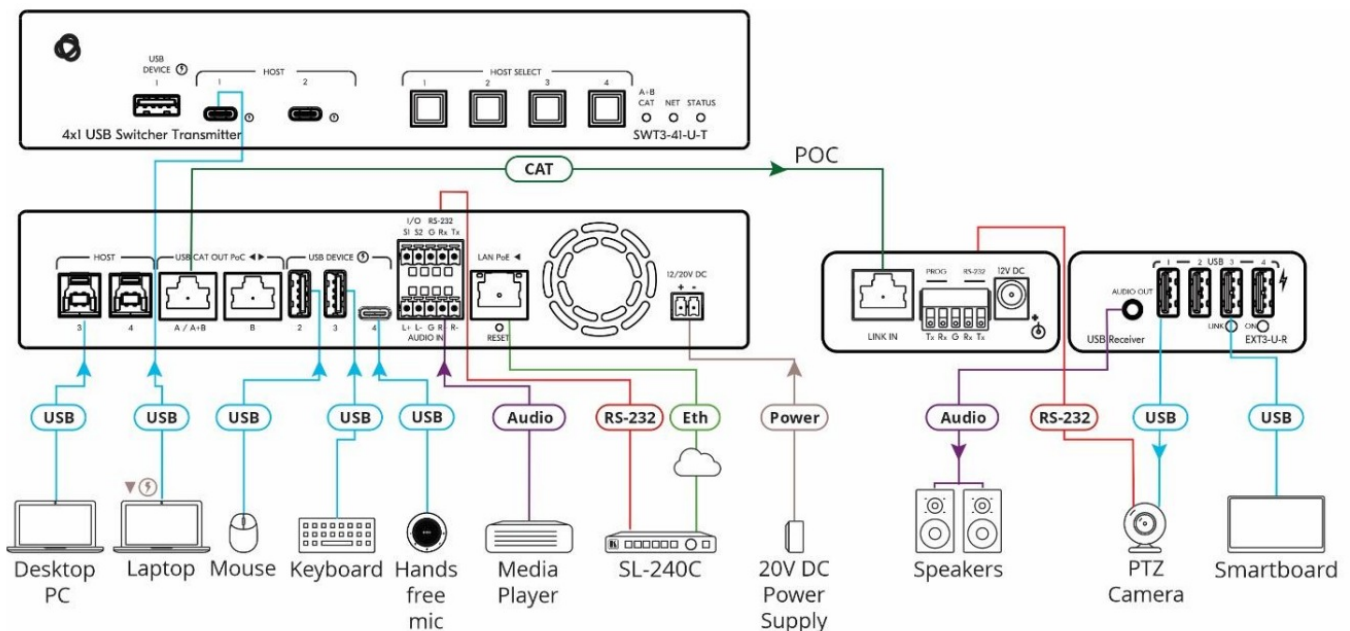
- Ensure that the environment (e.g., maximum ambient temperature & air flow) is compatible for the device.
- Avoid uneven mechanical loading.
- Appropriate consideration of equipment nameplate ratings should be used for avoiding overloading of the circuits.
- Reliable earthing of rack-mounted equipment 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.
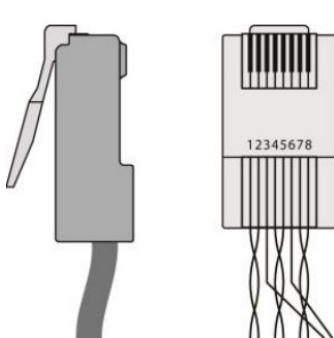Always switch OFF the power on each device before connecting it to your EXT3-U-R.

- 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.

Wiring the RJ-45 Connectors			
This section defines the TP pinout, using a straight p in-to-pin cable with RJ-45 connectors.	**EIA /TIA 568B**		
	PIN	**Wire Color**	
	1	Orange / White	
	2	Orange	
	3	Green / White	
	4	Blue	
It is recommended that the cable ground shielding b e connected/soldered to the connector shield.	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 GPI\O ports, please refer to the permitted rating for an external connection, located next to the terminal or in the User Manual.
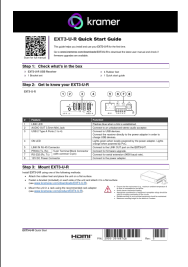- There are no operator serviceable parts inside the unit.

Warning:

- Use only the power cord that is supplied with the unit.
- Disconnect the power and unplug the unit from the wall before installing.

kramerav.com

Documents / Resources

kramer EXT3-U-R USB Receiver [pdf] User Guide
EXT3-U-R, EXT3-U-R USB Receiver, USB Receiver, Receiver

References

- ⊕ **Kramer | Audio-Visual Solutions and Experiences**
- ⊕ **Kramer | Audio-Visual Solutions and Experiences**
- ⊕ **Application Diagrams - Kramer Electronics**
- ⊕ **EXT3-U-R USB Receiver**
- **User Manual**