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SWT3-41-U-T Quick Start Guide

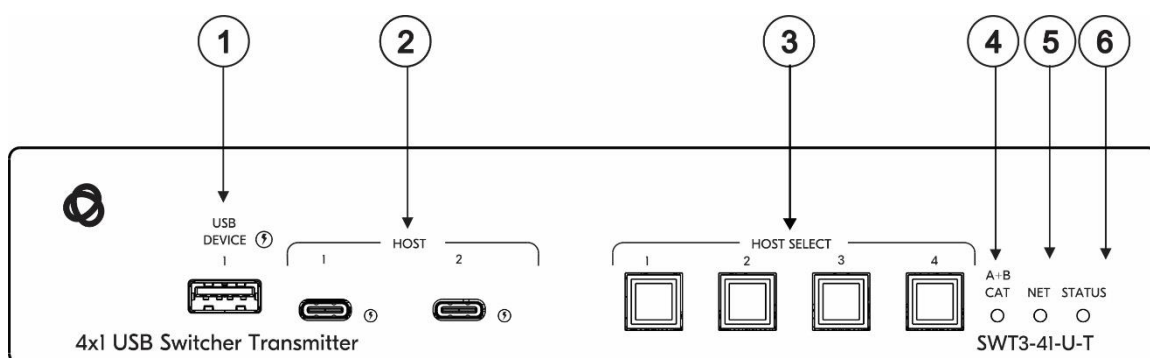
This guide helps you install and use your SWT3-41-U-T for the first time.

Go to www.kramerav.com/downloads/SWT3-41-U-T to download the latest user manual and check if firmware upgrades are available.

Step 1: Check what's in the box

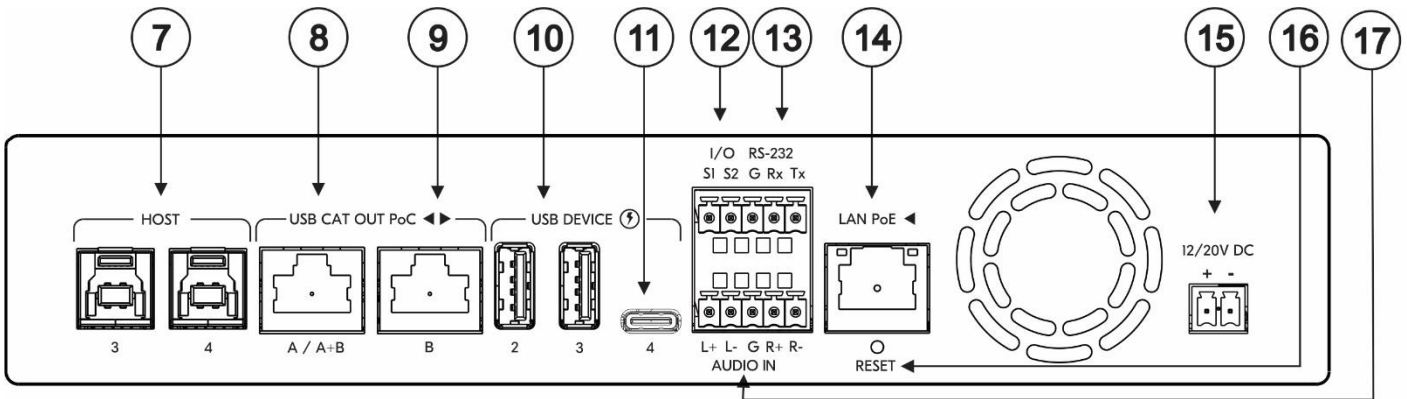
- ✔ SWT3-41-U-T 4x1 USB Switcher
- ✔ 1 Bracket set
- ✔ 1 Quick start guide
- ✔ 1 Power adapter and cord
- ✔ 4 Rubber feet
- ✔ 1 Multi-signal USB-C cable (1m)


Step 2: Get to know your SWT3-41-U-T



#	Feature	Function	
1	USB DEVICE USB A 3.1 Ports	Connect to the USB local peripheral devices (for example, a USB camera, a soundbar, microphone and so on).	
2	HOST on USB-C 3.1 ports (1 to 2)	Connect to a USB-C host (for example, a room PC) to communicate with the USB devices (for example, a PTZ camera) that are connected to the USB device ports and connect to the LAN. For Host 1 only: Charges the connected host (that supports USB Power Delivery 2.0) up to 60W when the device is powered via the optional 12V DC power adapter. While charging, the charging icon (to the right of the connector) becomes visible and lights orange.	
3	HOST SELECT Buttons (1 to 4)	Press to select a host.	
4	A+B CAT LED	LED Status	Indicates
		Lights green	When dual CAT combined signals are sent over the A+B port. <i>i</i> When using CAT splitter, make sure the Dual CAT extension is set to active via SWT3-41-U-T embedded webpages. Refer to SWT3-41-U-T User Manual.
5	NET LED	LED Status	Indicates
		Dark	No IP address acquired.
		Lights green	A valid IP address has been acquired.
		Flashes green for 60s	A means to identify the device in a system, using command #IDV.
6	STATUS LED	LED Status	Indicates
		Dark	Power is off
		lights white	PSU-powered on (only). <i>i</i> This is applicable when power supply is PoE mode.
		Lights yellow	PoE-powered on.

#	Feature	Function
		Lights green
		Lights blue

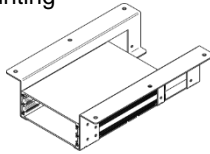


#	Feature	Function
7	HOST USB B 3.1 Connectors (3 to 4)	Connect to a USB host (for example, a room PC) to communicate with the USB devices (for example, a PTZ camera) connected to USB device ports on this device and connect to the LAN.
8	USB CAT OUT PoC ◀▶	Connect to a compatible CAT receiver (for example an EXT3-UE-R) or a compatible CAT splitter (for example an ACC3-12-SP).
9	A / A+B	
	B	Connect to a compatible CAT receiver (for example an EXT3-UE-R).
10	USB DEVICE	USB-A 3.1 Ports (2 to 3)
11	USB-C 3.1 Port (4)	Connect to the USB local devices (for example, a USB camera, a soundbar, microphone and so on). Note that this port does not provide Power delivery 2.0.
12	I/O 2-pin Terminal Block (S1, S2, G)	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 as a digital input, digital output, or analog input ports.
13	RS-232 3-pin Terminal Block Connector (G, Rx, Tx)	Connect to: <ul style="list-style-type: none"> RS-232 controlled device (for example, a PTZ USB camera) for its remote IP control by a controller (for example, an SL-240C), OR RS-232 control port of a controller (for example, an SL-240C) for extension via a CAT port, OR PC RS-232 port for controlling the device.
14	LAN PoE ◀ RJ-45 Connector	Connect to LAN. The device accepts power from the LAN port (PoE). A LAN-enabled connection on the selected USB-C port is LAN-switched via this LAN port.
15	12/20V DC Power Connector	Use the included +20V 6A power supply for powering the unit and charging the source device connected to the USB-C port, or For powering the unit, without USB-C charging support, use PoE powering or an optional +12V DC 5A power adapter (purchased separately).  For HW Rev 02 and higher, 20V PSU (power supply unit) is included (replacing the 12V PSU).
16	RESET Recessed Button	For restoring factory default settings, press the RESET button and connect power to device (keep pressing longer than 6sec after power connection)
17	AUDIO IN 5-pin Terminal Block Connector	Connect to a balanced, stereo audio source (for example, from the server) for extension via the CAT ports.

Step 3: Mount SWT3-41-U-T

Install **SWT3-41-U-T** using one of the following methods:

- Mount device with its recommended mounting accessory to the underside of the table and secure.



- 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.

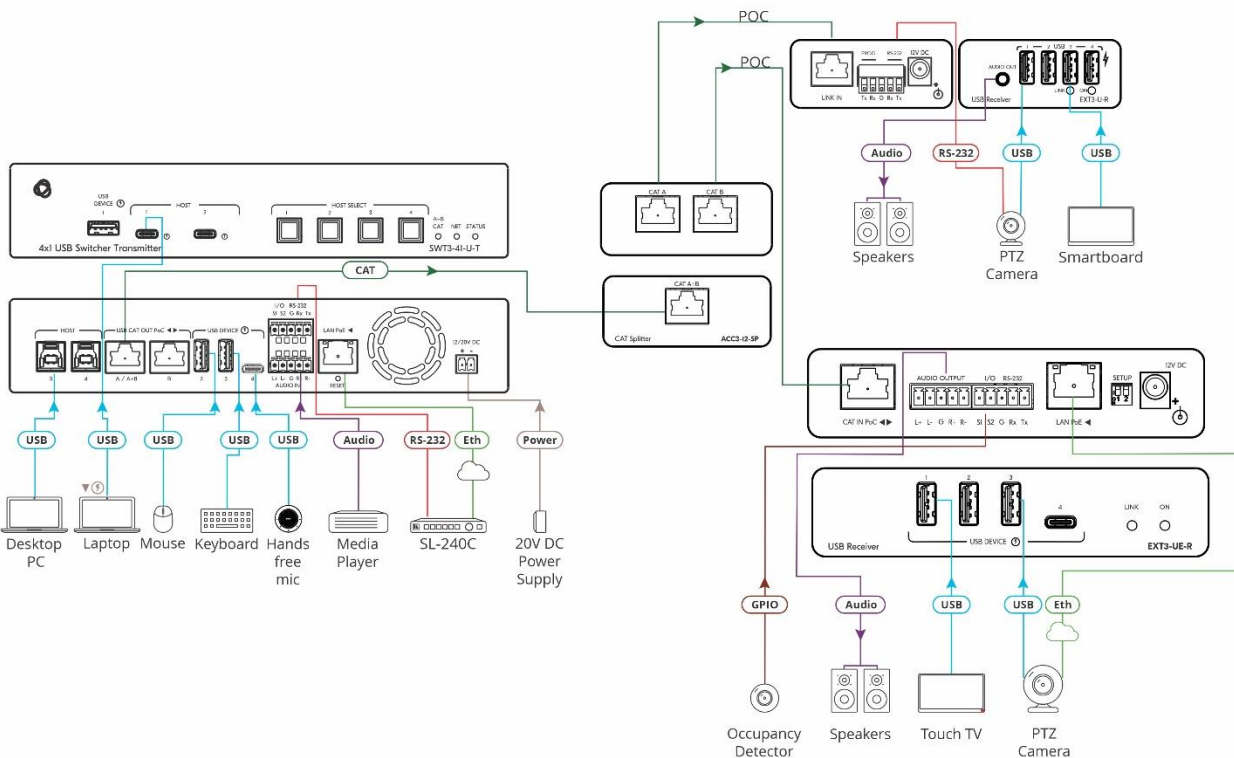
- Mount the unit in a rack using the recommended rack adapter (see www.kramerav.com/downloads/SWT3-31-HU)
- Attach the rubber feet and place the unit on a flat surface.

Step 4: Connect inputs and outputs

Always switch OFF the power on each device before connecting it to your **SWT3-41-U-T**.



Only 9600 baud rate is supported for RS-232 communication over the CAT cables.



To achieve specified extension distances, use the recommended Kramer cables available at www.kramerav.com/product/SWT3-41-U-T. Using third-party cables may cause damage!

Step 5: Connect power

Power the device via the LAN port. If required, such as to enable the USB-C port to charge its connected devices, connect the supplied power adapter to **SWT3-41-U-T** and plug it into the mains electricity.



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.

Safety Instructions (See www.kramerav.com for updated safety information)

Step 6: Operate SWT3-41-U-T

Operate SWT3-41-U-T via:

- Front panel buttons.
- Remotely, by IP or RS-232 serial commands transmitted by a touch screen system, PC, or other serial controller.
- Device web pages via the IP client connection.

RS-232 Control / Protocol 3000			
Baud Rate:	115,200	Parity:	None
Data Bits:	8	Command Format:	ASCII
Stop Bits:	1		
Example: (flash LEDs on the front panel for 60 seconds): #IDV<CR>			
Default IP Parameters – DHCP ON			
Fallback IP Address:	192.168.1.39	UDP Port #:	50000
Subnet mask:	255.255.255.0	TCP Port #:	5000
Gateway:	192.168.0.1	User/Password	Admin/Admin
Factory Reset			
Protocol 3000:	"#FACTORY" command. After receiving "FACTORY OK" perform one of the following to restart the device and complete the procedure: <ul style="list-style-type: none"> • Power cycle • Send command "#RESET" 		
Web Pages:	In the Settings page, click Factory Reset.		