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VS-21T Quick Start Guide

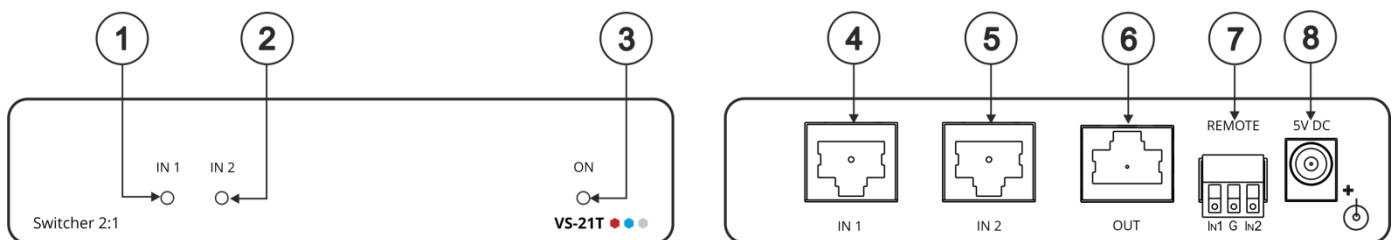
This guide helps you install and use your VS-21T for the first time.

Go to www.kramerav.com/downloads/VS-21T to download the latest user manual and check if firmware upgrades are available.

Step 1: Check what's in the box

- ✓ VS-21T Switcher 2:1
- ✓ 1 Bracket set
- ✓ 4 Rubber feet
- ✓ 1 Power adapter and cord
- ✓ 1 3-pin terminal block with wires
- ✓ 1 Quick start guide

Step 2: Get to know your VS-21T

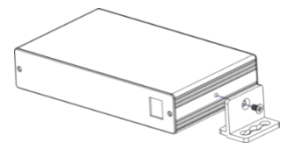


#	Feature	Function
1	IN 1 LED	Lights green when IN 1 is selected. Upon power up, IN 1 is automatically switched to the output.
2	IN 2 LED	Lights green when IN 2 is selected.
3	ON LED	Lights green when the device receives power.
4	IN 1 RJ-45 Connector	Connect to an Ethernet source/HDBT transmitter.
5	IN 2 RJ-45 Connector	Connect to an Ethernet source/HDBT transmitter.
6	OUT RJ-45 Connector	Connect to an Ethernet sink/HDBT receiver.
7	REMOTE 3-pin Terminal Block Connector	Connect to the terminal block and then connect the wires to remote, contact-closure switches for remote control.
8	5V DC Power Connector	5V DC connector for powering the unit.

Step 3: Mount VS-21T

Install VS-21T using one of the following methods:

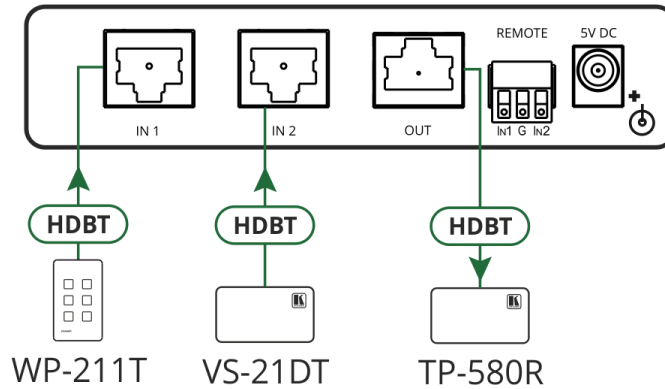
- Attach the rubber feet and place the unit on a flat surface.
- Fasten a bracket (included) on each side of the unit and attach it to a flat surface (see www.kramerav.com/downloads/VS-21T).
- Mount the unit in a rack using the recommended rack adapter (see www.kramerav.com/product/VS-21T).



- 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 VS-21T.



To achieve specified extension distances, use the recommended Kramer cables available at www.kramerav.com/product/VS-21T.

Using third-party cables may cause damage!

Step 5: Connect power

Connect the power cord to VS-21T 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.

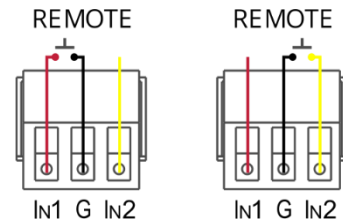
Warning:

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

Step 6: Operate VS-21T

Select an input (IN 1 or IN 2) via the contact closure remote control (also known as push-to-make momentary contact). To do so, momentarily connect the required IN pin on the REMOTE terminal block connector to the G (Ground) pin.

For example, to select IN 1 momentarily connect the IN 1 pin (red wire) to the G pin (black wire). To select IN 2 momentarily connect the IN 2 pin (yellow wire) to the G pin (black wire).



Technical Specifications

Input	2 HDBaseT Signal / Ethernet	On RJ-45 connectors
Output	1 HDBaseT Signal / Ethernet	On an RJ-45 connector
Range	N/A. (This device does not affect the range. The range depends on the sources and the receiver.)	
Controls	Front Panel	IN 1, IN 2 and ON LED indicators
	Rear Panel	IN 1 and IN 2 remote contact closure buttons
Video	Max. Data Rate	8.91Gbps (2.97Gbps per graphic channel) pass-through
	Max. Resolution	4K@60Hz (4:2:0) pass-through
	Standards Compliance	HDCP 2.2
Power	Consumption	5V DC, 30mA
	Source	5.2V DC, 4A
Environmental Conditions	Operating Temperature	0° to +40°C (32° to 104°F)
	Storage Temperature	-40° to +70°C (-40° to 158°F)
	Humidity	10% to 90%, RHL non-condensing
Regulatory Compliance	Safety	CE, UL
	Environmental	RoHs, WEEE
Enclosure	Size	Tool
	Type	Aluminum
	Cooling	Convection ventilation
General	Net Dimensions (W, D, H), each	12cm x 7.2cm x 2.4cm (4.7" x 2.8" x 0.94")
	Shipping Dimensions (W, D, H)	15.7cm x 12cm x 8.7cm (6.2" x 4.7" x 3.4")
	Net Weight, each	0.2kg (0.44lbs) approx.
	Shipping Weight	0.7 kg (1.5lbs) approx.
Accessories	Included	1 Power adapter, 1 power cord, 1 3-pin terminal block with wires

Specifications are subject to change without notice at www.kramerav.com