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VP-772T Quick Start Guide

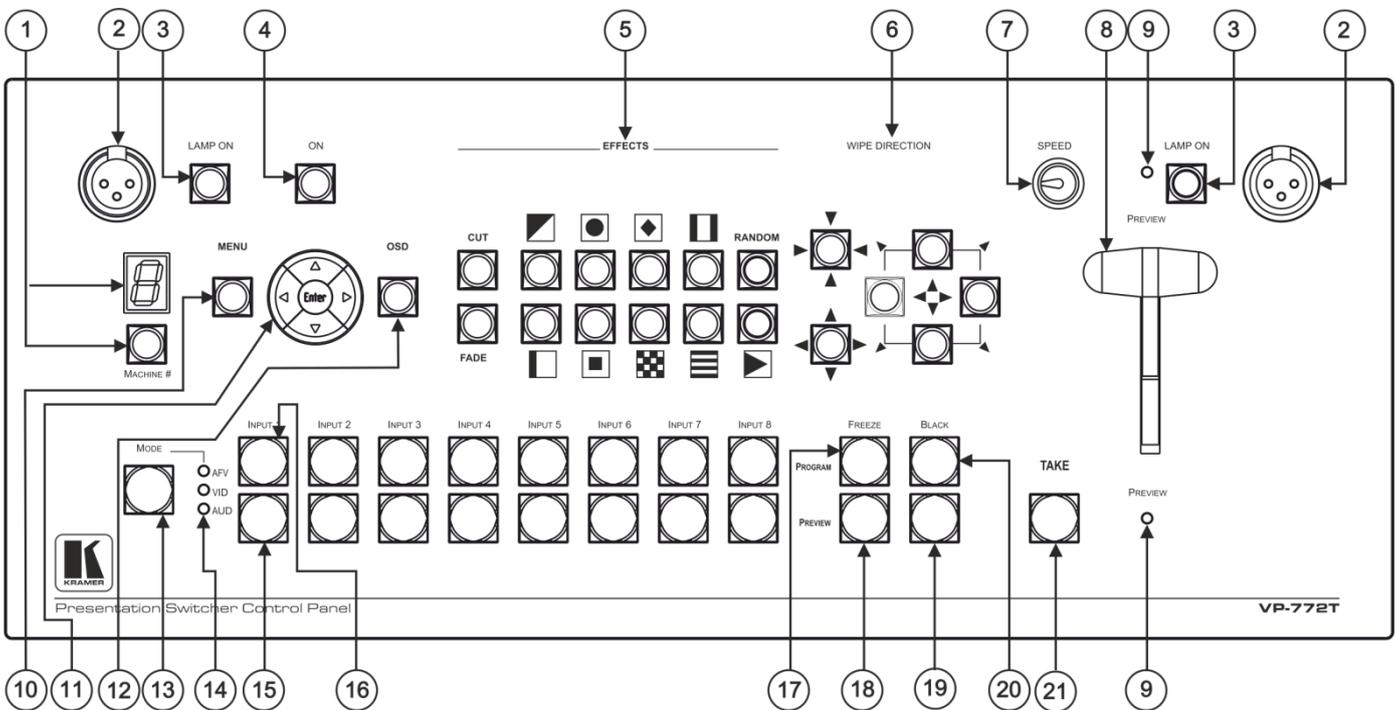
This guide helps you install and use your **VP-772T** for the first time.

Go to www.kramerav.com/downloads/VP-772T to download the latest user manual and check if firmware upgrades are available.

Step 1: Check what's in the box

- ✓ VP-772T Presentation Matrix Switcher Control Panel
- ✓ 2 Lamps
- ✓ 1 Bracket set
- ✓ 1 Quick start guide
- ✓ 1 Desktop mounting bracket kit
- ✓ 4 Rubber feet
- ✓ 1 Power adapter

Step 2: Get to know your VP-772T

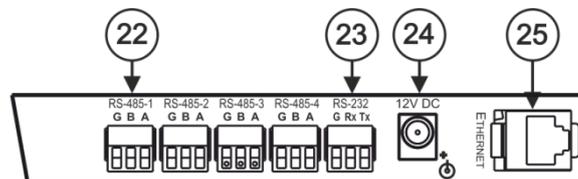


#	Feature	Function
Control Panel Functionality		
1	MACHINE # Button	Press to select the device to be controlled. The 7-segment display shows the selection (cycles through 1 to 4 and A (all the devices)). All the operation buttons on the front panel refer to the selected controlled device.
	7-segment Display	Displays the number of the device that is currently controlled as well as other indications: 1 – The VP-772 unit that is connected to RS-485-1 port is currently controlled (same for 2, 3 and 4). A – All the connected devices are currently controlled. L – Indicating that VP-772T is currently powering up. F – Indicates factory reset. Appears when powering the device while pressing the ON button.
2	Lamp XLR Connector (x2)	Connect a gooseneck lamp.
3	LAMP ON Button (x2)	Press to turn light on or off.
4	ON Button	Power the T-bar console on or off.

#	Feature	Function
5	EFFECT Buttons	Press to select one of 11 effects or press RANDOM to randomly select an effect each time a transition is implemented.
6	WIPE DIRECTION Buttons	Select the direction of the transition (for example, inwards/outwards, left/right, up/down).
7	SPEED Potentiometer	Turn to set the speed of the transition when using the TAKE button to implement a transition. When turned completely to the left, a click sound indicates that the speed level is at its default value set in the VP-772 .
8	T-Bar Control Stick	Move to implement a transition manually.
9	PREVIEW LEDs	Located on both sides of the T-bar control stick. A PREVIEW LED lights to indicate the transition direction for moving the preview output to the program output. Moving the T-bar control stick towards the lit PREVIEW LED moves the preview output to the program output, completing the transition. Once a transition is complete, the PREVIEW LED on the T-bar control stick side turns off and the PREVIEW LED on the opposite side lights, indicating the direction for the next transition.

Switcher Functionality

10	MENU Button	Press to access/exit the OSD menu on the selected VP-772 device. When browsing the Program OSD menu, a long press on the MENU button switches to the Preview menu and vice versa.	
11	Navigation Buttons	< // VOLUME	Press to move to the previous level in the OSD screen. When not within the OSD menu: in the transition mode, press to decrease the Audio OUT 2 Program volume. In the Overlay mode, press to decrease the general volume.
		△ // VOLUME	Press to move up the menu list values and to increase numerical values. When in the transition mode and not within the OSD menu mode, press to increase the Audio OUT 1 Preview volume.
		▽ // VOLUME	Press to move down the menu list and to decrease numerical values. When in the transition mode and not within the OSD menu mode, press to decrease the Audio OUT 1 Preview volume.
		> // VOLUME	Press to move to the next level in the OSD screen. When not within the OSD menu: in the transition mode, increase the Audio OUT 2 Program volume. In the Overlay mode, press to increase the general volume.
		ENTER	Press to enter sub-menu items, and save. When in the transition mode and not within the OSD menu, performs as the TAKE button.
12	OSD Button	Press to lock the menu buttons (button illuminates). Press again to unlock the menu buttons.	
13	MODE Button	Select the operation mode: AFV (audio follow video), video or audio.	
14	Mode LED Indicators	Indicate the operation mode, as selected via the MODE button.	
15	PREVIEW Buttons	Press to select the input (from 1 to 8) to switch to the PREVIEW output.	
16	PROGRAM Buttons	Press to select the input (from 1 to 8) to switch to the PROGRAM output.	
17	PROGRAM FREEZE Button	Press to freeze/unfreeze the PROGRAM output video image.	
18	PREVIEW FREEZE Button	Press to freeze/unfreeze the PREVIEW output video image.	
19	PREVIEW BLACK Button	Press to toggle between a blank screen (black) and the PREVIEW display.	
20	PROGRAM BLACK Button	Press to toggle between a blank screen (black) and the PROGRAM display.	
21	TAKE	Press to perform a transition.	

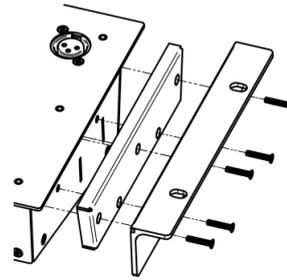


#	Feature	Function
22	RS-485-1 (G B A) 3-pin Terminal Block Connector	Connects to the RS-485 port on the VP-772 which is recognized as machine # 1 (from 1 to 4).
23	RS-232 (G, Rx, Tx) 3-pin Terminal Block Connector	Connect to the PC or other serial controller.
24	12V DC	12V DC connector for powering the unit.
25	Ethernet RJ-45 Connector	Connect to the PC or other Controller through computer networking.

Step 3: Install VP-772T

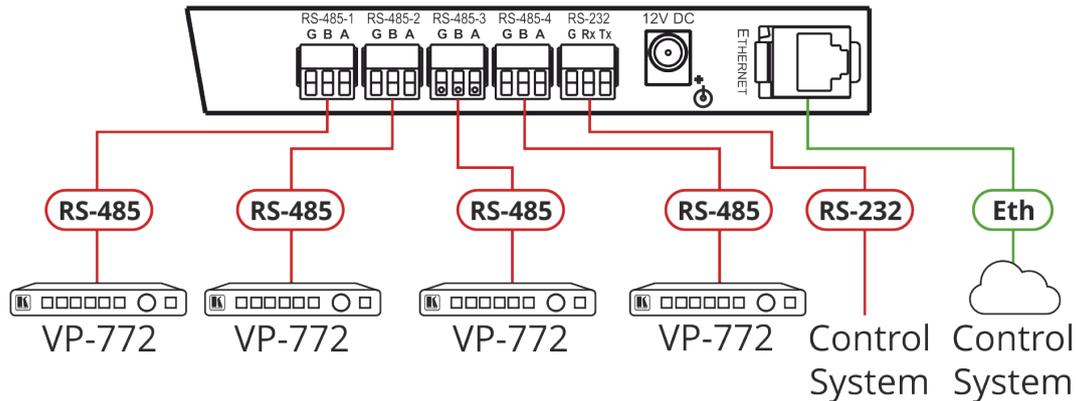
Install **VP-772T** using one of the following methods:

- Remove the 5 screws from each side of the unit, reinsert those screws through the rack ears and spacers and mount on a 19" rack.
- Attach the rubber feet and place the unit on a flat surface.
- Install the **VP-772T** in a desktop using the mounting bracket kit.



Step 4: Connect the inputs and outputs

Always switch OFF the power on each device before connecting it to your **VP-772T**. For best results, we recommend that you always use Kramer high-performance cables to connect AV equipment to **VP-772T**.



Step 5: Connect the power

Connect the 12V DC power adapter to **VP-772T** and plug it into the mains electricity.

Safety Instructions



- Caution:** There are no operator serviceable parts inside the unit.
Warning: Use only the Kramer Electronics power supply that is provided with the unit.
Warning: Disconnect the power and unplug the unit from the wall before installing.
 See www.KramerAV.com for updated safety information.

Step 6: Operate VP-772T

RS-232 and Ethernet:

RS-232			
Baud Rate:	115200	Parity:	None
Data Bits:	8	Command Format:	ASCII
Stop Bits:	1		
Example: (Identify slave 2):		#IDENTIFY-SLV 2<CR>	
Default Ethernet Parameters			
IP Address:	192.168.1.39	TCP Port #:	5000
Subnet mask:	255.255.0.0	Max. TCP Connections:	100
Default gateway:	192.168.0.1		

Use front-panel button shortcuts:

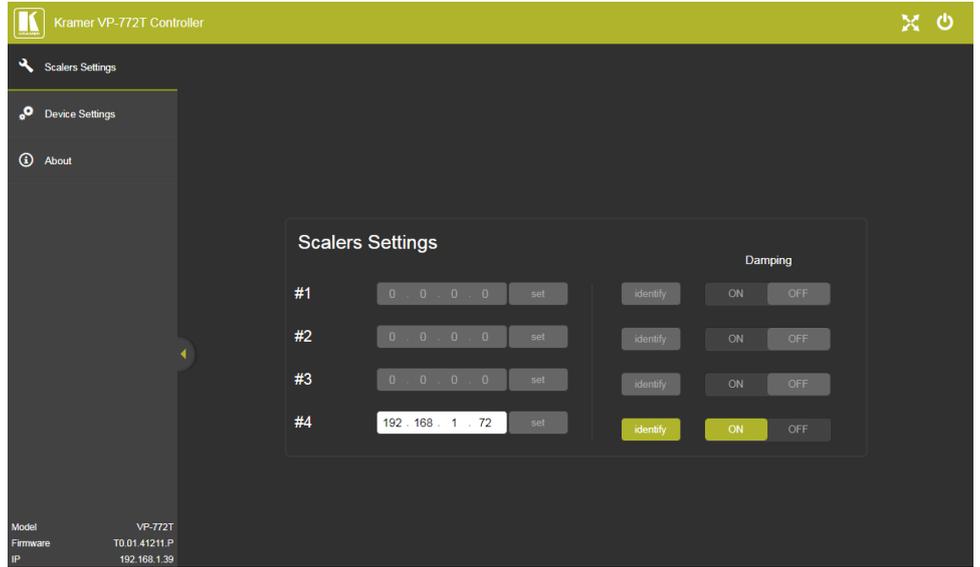
- Press and hold **MODE** for ~2 seconds to enable damping to the **VP-772** that is currently controlled (indicated on the display). **TAKE** flashes once to indicate that damping is ON.
- Press and hold **MODE** for ~4 seconds to disable damping to the **VP-772** that is currently controlled (indicated on the display). **TAKE** flashes twice to indicate that damping is OFF.
- Press and hold **MACHINE #** for ~2 seconds to identify the machine that is currently controlled (indicated on the display).

Use embedded web pages to set parameters:

Enter the IP addresses of the controlled devices.

Click **Identify** to identify the selected **VP-722** device.

Set Damping to **ON** to ensure a smooth transition.



Technical Specifications

Ports	4 RS-485	On 3-pin terminal block connectors
	1 RS-232	On a 3-pin terminal block for device control
	1 Ethernet	On an RJ-45 female connector for device control
Controls	Front panel	Front panel buttons
	Other	Web Pages, RS-232 commands
Supported PC Web Browsers	Windows 7 and Higher	Internet Explorer (32/64 bit) version 11; Firefox version 52; Chrome version 49
	MAC	Chrome version 49; Firefox version 52; Safari version 10.1
	Minimum Browser Window Size	1024 x 768
Power	Consumption	12V DC, 350mA
	Source	12V DC, 2A
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
	Environmental	RoHs, WEEE
Enclosure	Size	4U
	Type	Aluminum
General	Net Dimensions (W, D, H)	43.6 cm x 17.7cm x 14.33cm (17.17" x 6.97" x 5.64")
	Shipping Dimensions (W, D, H)	55cm x 29.4cm x 16.1cm (21.65" x 11.57" x 6.34")
	Surface cutout size (for installing in a table)	416 ±2mm x 160 ±2mm (16.38 ±0.08" x 6.3 ±0.08")
	Net Weight	1.62kg (3.6lbs)
	Shipping Weight	3.46kg (7.6lbs) approx.
Accessories	Included	Power supply, mounting bracket kit, bracket set, 2 goose-neck lamps
	Optional	For optimum range and performance use the recommended cables available at www.kramerav.com/product/VP-772T
Specifications are subject to change without notice at www.kramerav.com		