



Scan for full manual

## VP-734 Quick Start Guide

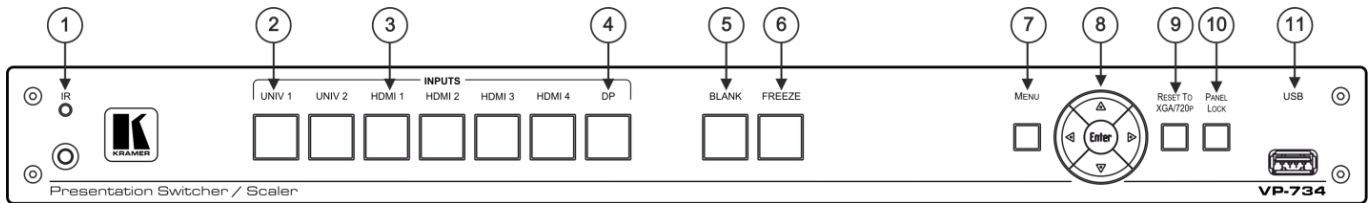
This guide helps you install and use your **VP-734** for the first time.

Go to [www.kramerav.com/downloads/VP-734](http://www.kramerav.com/downloads/VP-734) to download the latest user manual and check if firmware upgrades are available.

### Step 1: Check what's in the box

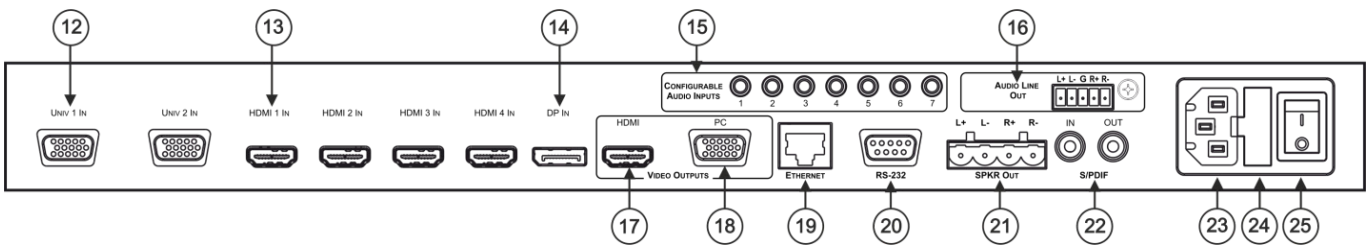
- ✓ **VP-734** Presentation Switcher/Scaler
- ✓ Remote control transmitter with batteries
- ✓ 2 C-GM/3RVF-1 cables
- ✓ 1 Set of rack ears
- ✓ 1 Power cord
- ✓ 4 Rubber feet
- ✓ 1 Quick start guide

### Step 2: Get to know your VP-734



#	Feature	Function
1	IR Sensor	Receives signals from the remote control transmitter.
	IR LED	Lights red when the unit accepts IR remote commands.
2	INPUT Selector Buttons (illuminate green when selected)	UNIV. 1 Press to select the analog video (VGA / component / composite / s-Video) source (configured via the OSD menu), and the appropriate audio source (from 1 to 2).
3		HDMI™ 1 Press to select the HDMI source (from 1 to 4).
4		DP Press to select the DP source.
5	Program BLANK Button	Press to toggle between a blank screen (blue or black) and the program display. The BLANK button can be programmed to mute the audio signal at the same time.
6	Program FREEZE Button	Press to freeze/unfreeze the program output video image. The FREEZE button can be programmed to mute the audio signal at the same time.
7	MENU Button	Press to display the OSD menu screen. Press again to return to normal operation.
8	ENTER Button	Press to move to the next level in the OSD screen or to accept a new parameter.
	◀ Button	Decreases the range by one step in the OSD screen or moves to the previous level in the OSD screen. Decreases the volume level, when not in the OSD menu.
	▲ Button	Moves up one step (in the same level) in the OSD screen or moves to the previous slide when running a slideshow.
	▶ Button	Increases the range by one step in the OSD screen. Increases the volume level, when not in the OSD menu.
	▼ Button	Moves down one step (in the same level) in the OSD screen or moves to the next slide when running a slideshow.
9	RESET TO XGA/720p Button	Press and hold to reset to the default resolution (toggles between RESET TO XGA and 720p).
10	PANEL LOCK Button	Press to lock/unlock the front panel to prevent unintentional operation
11	USB Connector	Connects to a USB drive to download a Logo and save settings.

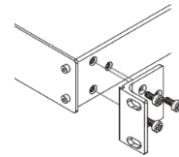
The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.



#	Feature	Function	
12	UNIV 1 IN 15-pin HD Connector	Connect to the universal source (as computer graphics, composite video, s-Video or component video), from 1 to 2.	
13	HDMI 1 IN Connector	Connect to the HDMI 1 source (from 1 to 4).	
14	DP IN DisplayPort Connector	Connect to the DP source.	
15	CONFIGURABLE AUDIO INPUTS on 3.5 Mini Jack Connectors	Connect to the unbalanced stereo analog audio sources from 1 to 7.	
16	AUDIO LINE OUT 5-pin Terminal Block	Connect to the balanced stereo analog audio acceptor.	
17	VIDEO OUTPUTS	HDMI 1 Connector	Connect to an HDMI acceptor.
18		PC 15-pin HD Connector	Connect to a computer graphics acceptor.
19	ETHERNET Port	Connect to your LAN.	
20	RS-232 9-pin D-sub Connector	Connect to PC or Serial Controller.	
21	SPKR OUT 4-pin Terminal Block	Connect to a pair of loudspeakers.	
22	S/PDIF IN 3.5 Mini Jack Connector	Connect to a digital audio source.	
23	S/PDIF OUT 3.5 Mini Jack Connector	Connect to a digital audio acceptor.	
24	Mains Power Connector	Connect to the mains power.	
25	Mains Power Fuse	Fuse for protecting the device.	

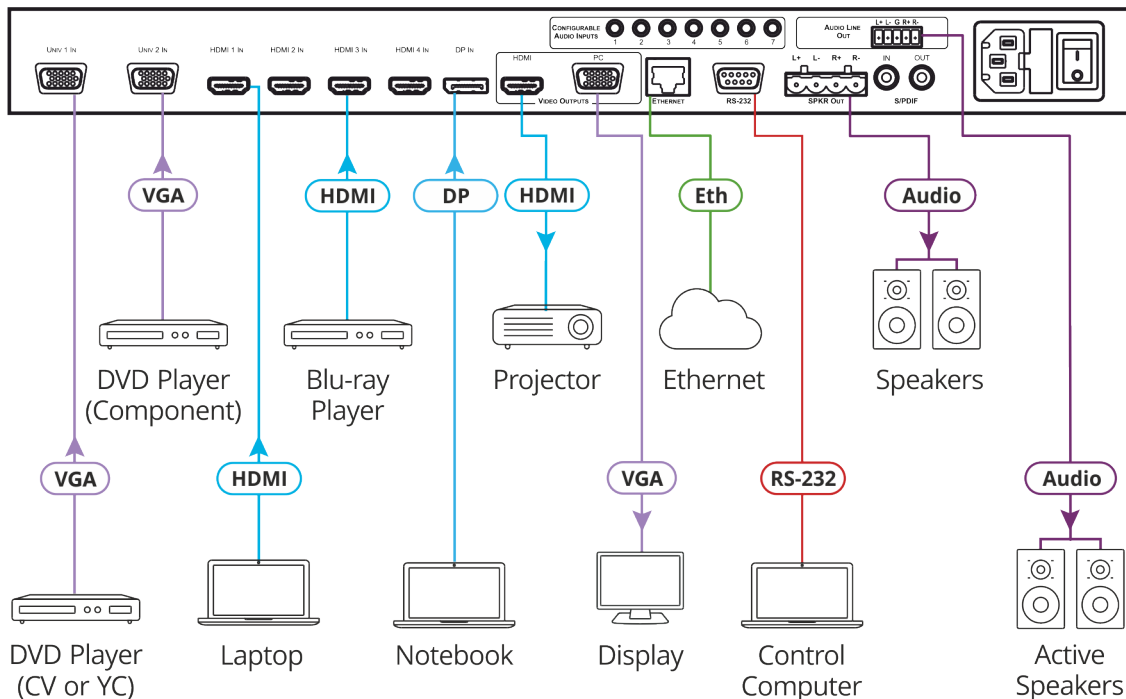
### Step 3: Install the VP-734

To rack mount the machine attach both ear brackets (by removing the screws from each side of the machine and replacing those screws through the ear brackets) or place the machine on a table.



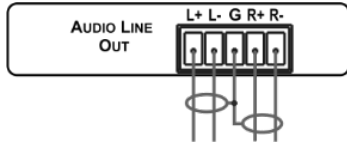
### Step 4: Connect the inputs and outputs

Always switch OFF the power on each device before connecting it to your VP-734. For best results, we recommend that you always use Kramer high-performance cables to connect AV equipment to the VP-734.

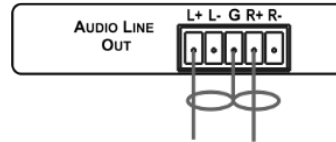


## Connect the audio output

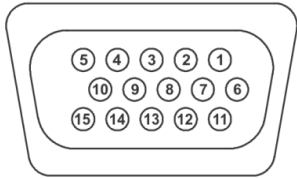
To a balanced stereo audio acceptor:



To an unbalanced stereo audio acceptor:



## Universal connector pinout



PIN #	VGA	COMP	s-Video	CV
1	R	Pr		
2	G	Y	Y	Composite video
3	B	Pb	C	
9	+5VD			
12	EDID_SDA			
13	H_Sync			
14	V_Sync			
15	EDID_SCL			

Note that PINs 5, 6, 7, 8 and 10 are GND

## Step 5: Connect the power

Connect the power cord to **VP-734** and plug it into the mains electricity.

Safety Instructions



**Caution:** There are no operator serviceable parts inside the unit.

**Warning:** Use only the power cord that is supplied with the unit.

**Warning:** Do not open the unit. High voltages can cause electrical shock! Servicing by qualified personnel only.

**Warning:** Disconnect the power and unplug the unit from the wall before installing.

See [www.KramerAV.com](http://www.KramerAV.com) for updated safety information

## Step 6: Operate the VP-734

Operate **VP-734** via:

- Front panel buttons
- OSD menu
- Remotely, by RS-232 serial commands transmitted by a touch screen system, PC, or other serial controller
- Remotely, using the IR remote control transmitter
- Embedded web pages via the Ethernet

RS-232 Control / Protocol 3000	
Baud Rate:	115,200
Data Bits:	8
Stop Bits:	1
Parity:	None
Command Format:	ASCII
Example (switch input to UNIV2): Y 0 92 1<CR>	
Default Ethernet Parameters	
IP Address:	192.168.1.39
Subnet mask:	255.255.255.0
Gateway:	192.168.1.254
TCP Port #:	5000
Maximum TCP Ports:	1
Full Factory Reset	
OSD	Go to: Menu-> Setup -> Factory Reset -> press Enter to confirm
Front panel buttons	Press the Reset to XGA/720p Button while plugging the power to reset the machine

## Technical Specifications

Inputs	2 Universal (VGA, Composite, s-Video and Component)	On 15-pin HD connectors
	4 HDMI	On female HDMI connectors
	1 DP	On a female DisplayPort connector
	1 S/PDIF	On an RCA connector
	7 Unbalanced Stereo Audio	On 3.5mm mini jack connectors
Outputs	1 HDMI	On a female HDMI connector
	1 PC	On a 15-pin HD connector
	1 Balanced Stereo Audio	On a 5-pin terminal block connector (+4dBu nominal)
	1 stereo speaker	On a 4-pin large terminal block (10W per channel into 8Ω)
	1 digital S/PDIF output	on an RCA connector
Ports	Ethernet	On an RJ-45 female connector
	RS-232	On a 9-pin D-sub connector
	USB	On a USB connector
Video	Compliance	HDMI and HDCP
	Output Resolutions	Native HDMI, Native VGA, 640x480x60Hz, 640x480x75Hz, 800x600x50Hz, 800x600x60Hz, 800x600x75Hz, 1024x768x50Hz, 1024x768x60Hz, 1024x768x75Hz, 1280x768x50Hz, 1280x768x60Hz, 1280x720x60Hz, 1280x800x60Hz, 1280x1024x50Hz, 1280x1024x60Hz, 1280x1024x75Hz, 1366x768x50Hz, 1366x768x60Hz, 1400x1050x50Hz, 1400x1050x60Hz, 1600x900x60Hz (R), 1600x1200x50Hz, 1600x1200x60Hz, 1680x1050x60Hz, 1920x1080x60Hz, 1920x1200x60Hz (R), 2048x1080x50Hz, 2048x1080x60Hz, 3840x2160@24Hz, 3840x2160@25Hz, 3840x2160@29.97Hz, 3840x2160@30Hz, 4096x2160@24Hz, 480px60Hz, 576px50Hz, 720px50Hz, 720px60Hz, 1080ix50Hz (1080i/1080px50Hz), 1080ix60Hz (1080i/1080px60Hz), 1080px50Hz, 1080px60Hz, 1080px24Hz, 480px59.94Hz, 720px59.94Hz, 1080ix59.94Hz (1080i/1080px59.94Hz), 1080px23.98, 1080px29.97, 1080px59.94, Custom 1 to Custom 4
Controls	Front Panel	Input selection buttons, blank, freeze, lock and reset resolution buttons Menu buttons to access OSD menu
	Remote	RS-232
		Ethernet
		Web pages
	IR remote control transmitter	
Power	Consumption	100-240V AC, 38VA max.
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, FCC, UL
	Environmental	RoHs, WEEE
Enclosure	Size	19", 1U
	Type	Aluminum
	Cooling	Fan ventilation
General	Net Dimensions (W, D, H)	43.6cm x 23.7cm x 4.4cm (17.18" x 9.3" x 1.72")
	Shipping Dimensions (W, D, H)	52.5cm x 33cm x 10.7cm (20.7" x 13" x 4.21")
	Net Weight	2.5kg (5.5lbs) approx.
	Shipping Weight	3.4kg (7.5lbs) approx.
Accessories	Included	Rack ears, IR remote control, power cord, 2 C-GM/3RVF-1
Specifications are subject to change without notice. Go to our Web site at <a href="http://www.kramerav.com">www.kramerav.com</a> to access the list of resolutions.		