VP-440 Quick Start Guide
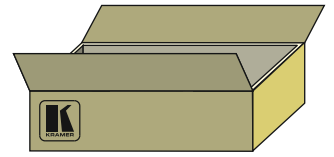
This guide helps you install and use your product for the first time. For more detailed information, go to http://www.kramerav.com/manual/VP-440 to download the latest manual or scan the QR code on the left.

Step 1: Check what's in the box

- ☑ The **VP-440** Presentation Switcher/Scaler
- ☑ 1 Power adapter
- ☑ Mounting brackets
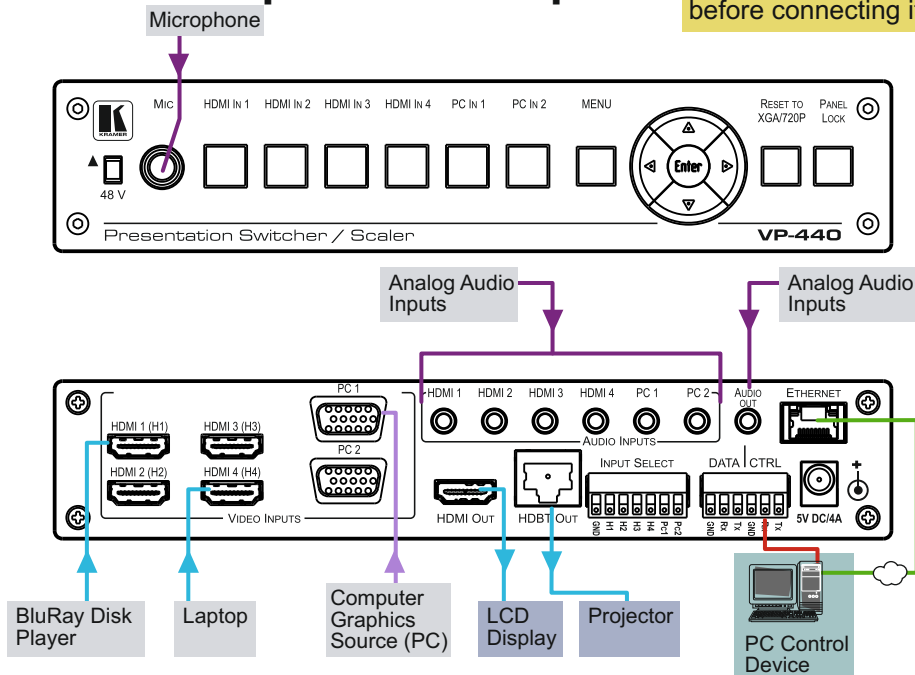- ☑ 4 Rubber feet
- ☑ 1 Quick start guide

Step 2: Install the VP-440

Mount the machine in a rack or place on a table.
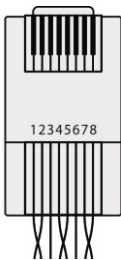
Step 3: Connect inputs and outputs

Always switch OFF the power on each device before connecting it to your **VP-440**.

For best results, we recommend that you always use Kramer high-performance cables to connect AV equipment to the **VP-440**.

RJ-45 Pinout

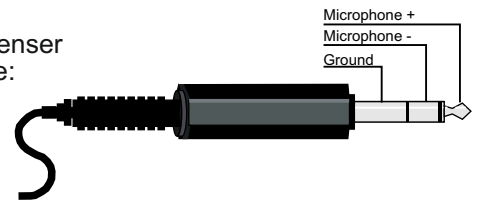For the Ethernet connector, see the proper wiring diagram below:

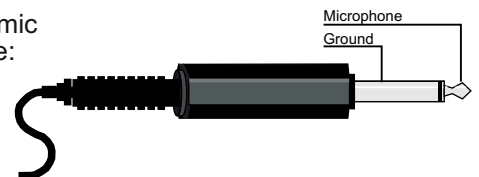| EIA / TIA 568B	
PIN	Wire Color
1	Orange / White
2	Orange
3	Green / White
4	Blue
5	Blue / White
6	Green
7	Brown / White
8	Brown

For optimum range and performance use Kramer's **BC-HDKat6a** cable. These specially built cables significantly outperform regular CAT 6 cables.

The Microphone Pinout:

For a condenser microphone:

Microphone +
Microphone -
Ground

For a dynamic microphone:

Microphone
Ground

Rev: 2900- 300476QS   Rev: 1

Step 4: Connect the power

Connect the 5V DC power adapter to the rear of the **VP-440** and connect the adapter to the mains electricity

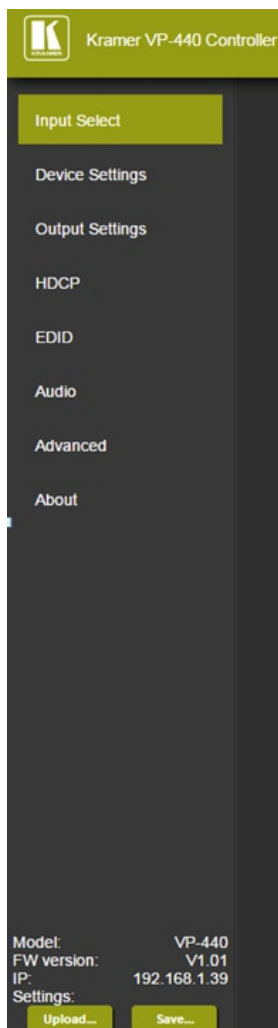# Step 5: Set operation parameters via OSD menu

Enter the OSD menu via the MENU button on the front panel. Select a menu item and set parameters as required.

If you cannot see any images, verify that the display, TV, or projector is in good working order and is connected to the **VP-440**. If you still don't see an image, press and hold the RESET TO XGA/720P button for 3 seconds to reset the output to XGA or 720p resolution.

Menu Item	Function
OUTPUT	Select the input, the image size and the resolution
PICTURE	Set the contrast, brightness, red, green and blue levels. Set the hue, saturation, sharpness, noise reduction. When PC is the selected input, finetune the image
AUDIO	Set the input and output volumes, the audio delay time and mute/unmute. Select the audio source for each HDMI input. set the microphone mixer mode and the microphone volume
ADVANCED	Set HDCP on input and on output, auto sync off and the OSD parameters. Set the auto switch mode, the Ethernet parameters and the Timing shift
FACTORY RESET	Perform factory reset
INFORMATION	Display the input and output resolutions, the HDCP status, the firmware version and the IP address

Step 6: Operate via the front panel buttons and via the:

Embedded Web Page:

RS-232 and Ethernet:

RS-232	
Baud Rate:	9,600
Data Bits:	8
Stop Bits:	1
Parity:	None
Ethernet	
To reset the IP settings to the factory reset values go to : Menu-> Factory-> RESET->Change the option to YES and press Enter	
IP Address:	192.168.1.39
Subnet mask:	255.255.0.0
Default gateway:	0.0.0.0
Default UDP Port #:	50000
Maximum UDP Ports:	4
Full Factory Reset	
OSD	Go to : Menu-> Factory-> RESET->Change the option to YES and press Enter
RS-232/Ethernet (UDP) Command Protocol	
Command Format:	ASCII protocol 3000
Example (Route the video HDMI3 input to the output):	#ROUTE 12,1,2<cr>