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VP-427H2 Quick Start Guide

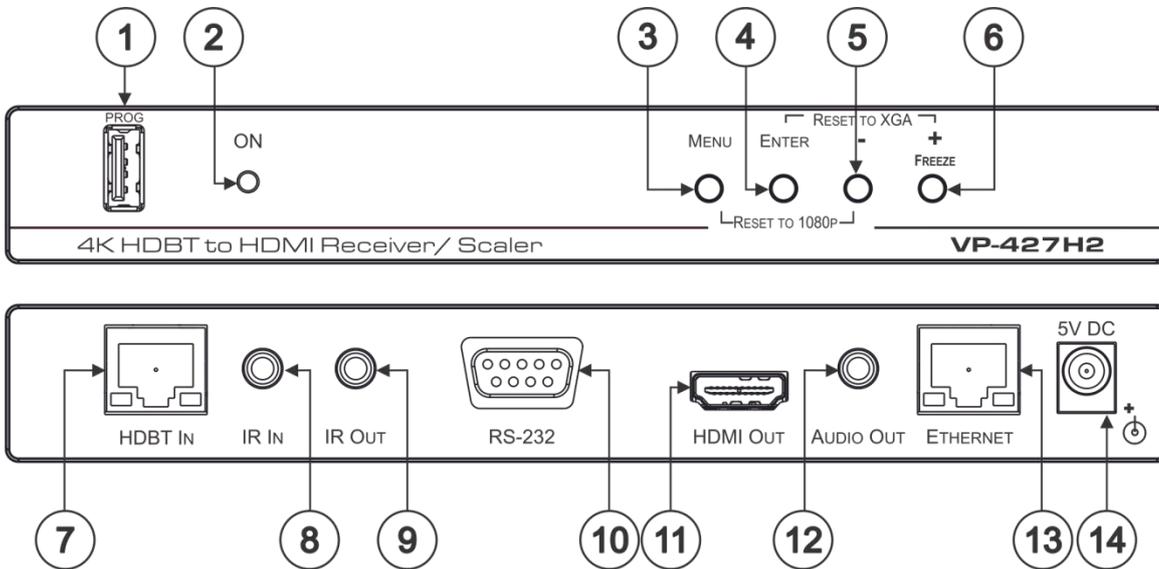
This guide helps you install and use your **VP-427H2** for the first time.

Go to www.kramerav.com/downloads/VP-427H2 to download the latest user manual and check if firmware upgrades are available.

Step 1: Check what's in the box

- ✓ **VP-427H2** 4K HDBT to HDMI Receiver/Scaler
- ✓ 1 Bracket set
- ✓ 1 Quick start guide
- ✓ 1 Power adapter and cord
- ✓ 4 Rubber feet

Step 2: Get to know your VP-427H2

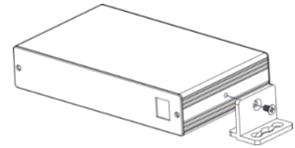


#	Feature	Function
1	PROG USB Connector	Connects to a USB memory stick for programming upgrade
2	ON LED	Lights green when the unit is powered on
3	MENU Button	Press to enter/exit the on-screen display (OSD) menu. Press together with the – button to reset to 1080p
4	ENTER Button	In OSD, press to choose the highlighted menu item. Press together with the +/FREEZE button to reset to XGA
5	–	In OSD, press to move back through the list or to decrement the parameter value
6	+/FREEZE Button	In OSD, press to move forward through the list or to increment the parameter value. When not in OSD, press to freeze the display
7	HDBT IN RJ-45 Connector	Connects to an HDBaseT transmitter
8	IR IN 3.5mm Mini Jack	Connects to an IR sensor
9	IR OUT 3.5mm Mini Jack	Connects to an IR emitter
10	RS-232 9-pin D-sub Connector	Connects to an acceptor to embed/de-embed control commands in the HDBaseT data stream
11	HDMI OUT Connector	Connects to an HDMI acceptor
12	AUDIO OUT 3.5mm Mini Jack	Connects to an unbalanced stereo audio acceptor
13	ETHERNET RJ-45 Connector	Connect to a PC via a LAN
14	5V DC	+5V DC connector for powering the unit

Step 3: Install the VP-427H2

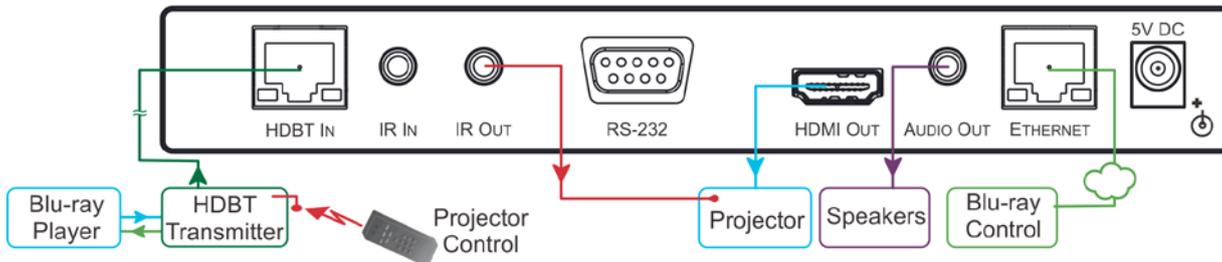
Install **VP-427H2** using one of the following methods:

- 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. For more information go to www.kramerav.com/downloads/VP-427H2.
- Mount the unit in a rack using an optional **RK-T2B** rack adapter.



Step 4: Connect the inputs and outputs

Always switch OFF the power on each device before connecting it to your **VP-427H2**. For best results, we recommend that you always use Kramer high-performance cables to connect AV equipment to the **VP-427H2**.



Step 5: Connect the power

Connect the 5V DC power adapter to the **VP-427H2** and plug the adapter into the mains.

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.

Technical Specifications

Inputs:	1 HDBaseT twisted pair on an RJ-45 connector, 1 IR on a 3.5mm mini jack		
Outputs:	1 HDMI connector, 1 IR on a 3.5mm mini jack, 1 unbalanced stereo audio (1.2Vrms nominal, 100Ω) on a 3.5mm mini jack		
Ports:	1 bidirectional RS-232 port on a 9-pin D-sub connector, 1 Ethernet on an RJ-45 connector, 1 USB (A) for upgrading		
Compliance with HDMI Standard:	Supports up to HDMI 2.0, and HDCP 2.2		
Output Resolutions:	640x480@60Hz, 800x600@60Hz 1024x768@60Hz, 1280x768@60Hz, 1360x768@60Hz, 1280x800@60Hz, 1280x1024@60Hz, 1440x900@60Hz, 1400x1050@60Hz, 1680x1050@60Hz, 1600x1200@60Hz, 1920x1200@60Hz 480P@60Hz, 576P@50Hz, 720P@50/60Hz, 1080P@24/25/30Hz, 4k2k@24/25/30Hz, 4k2k (4:2:0)@50/60Hz, 4k2k (4:4:4)@50/60Hz, Native		
Output Refresh Rate:	60Hz for computer graphics resolutions, 50/60Hz for HDTV resolutions		
Audio Sampling Rate:	48kHz for analog audio output		
Video Latency:	Progressive input: 30ms (approx.); interlaced input: 50ms (approx.)		
Embedded Audio:	HDMI and HDBT support multi-channel audio		
RS-232 Baud Rate:	115200bps max.		
Controls:	Front panel buttons, OSD menu		
Indicators:	ON LED (green)		
Power Consumption:	5V DC, 2.5A	Power Source:	5.2V/4A
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		
Dimensions:	18.8cm x 11.4cm x 2.5cm (7.4" x 4.5" x 1.0") W, D, H		
Shipping Dimensions:	35.1cm x 21.2cm x 7.2cm (13.8" x 8.35" x 2.8") W, D, H		
Weight:	0.56kg (1.2lb)	Shipping Weight:	1.1kg (2.42lb)
Included Accessories:	Power supply	Options:	RK-T2B 19" rack adapter
Specifications are subject to change without notice at www.kramerav.com			