KRAMER

VM-1H4C Quick Start Guide

This guide helps you install and use your **VM-1H4C** for the first time.

Go to www.kramerav.com/downloads/VM-1H4C to download the latest user manual and check if firmware upgrades are available.
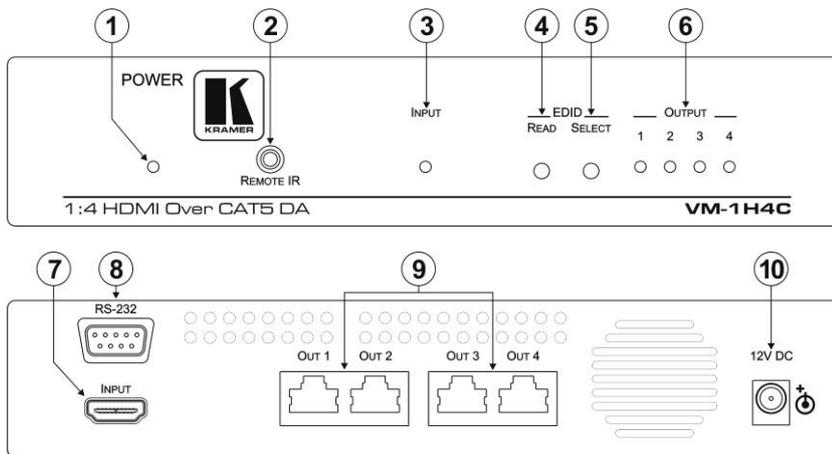
Step 1: Check what's in the box

- ☑ **VM-1H4C** 1:4 HDMI Over CAT5 DA
- ☑ Power adapter (12V DC)
- ☑ 1 Set of rack ears
- ☑ 1 Power cord

IMPORTANT NOTICE!

ⓘ We highly recommend using only Kramer UNIKAT cables with these products. If using 3rd party shielded CAT-6A cables, both ends of the shield must be soldered to the connectors for the products to function properly. Do not use any jumpers, unshielded wall plates or mid-span cable connections. These extenders are not compatible with HDBaseT technologies. Prior to signal extension, ensure that the extension line cable is lying straight and not coiled.
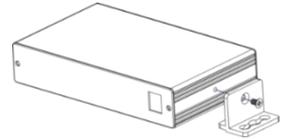
Step 2: Get to know your VM-1H4C

#	Feature		Function
1	POWER LED		Lights green when the unit receives power
2	REMOTE IR 3.5mm Mini Jack		Connect to the remote IR emitter or receiver
3	INPUT LED		Lights green when the input receives a signal. Flashes when connected but there is no active signal
4	EDID	READ Button	Press to capture the EDID from the active output
5		SELECT Button	Press to select the output from which to capture the EDID
6	OUTPUT 1~4 LEDs		The relevant LED lights green when that output is connected
7	INPUT HDMI Connector		Connect to the HDMI source
8	RS-232 9-pin D-sub Connector		Connect to an RS-232 controller
9	OUT 1 ~ 4	TP Output RJ-45 Connectors	Connect to the LINE IN RJ-45 connector on the TP receivers
10	12V DC Power Connector		Connect to the +12V DC power adapter. Center pin positive

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

Step 3: Mount VM-1H4C

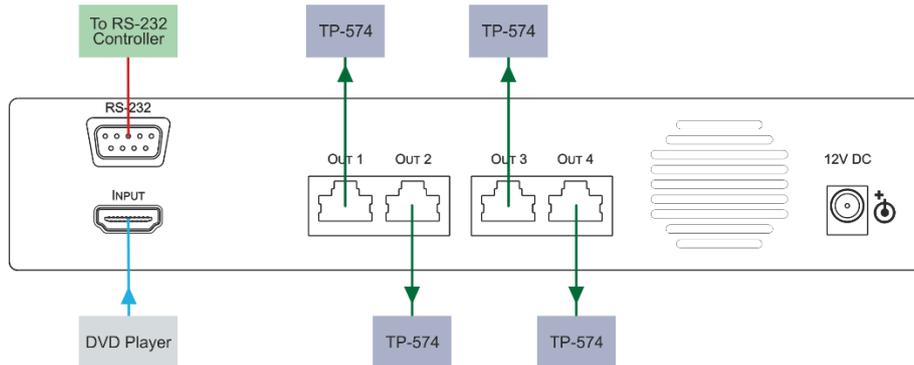Install **VM-1H4C** using one of the following methods:

- 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/VM-1H4C).
- Mount the unit in a rack using the recommended rack adapter (see www.kramerav.com/product/VM-1H4C).

⚠️
- 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.

Step 4: Connect inputs and outputs

Always switch OFF the power on each device before connecting it to your **VM-1H4C**.

ℹ️ To achieve specified extension distances, use the recommended Kramer cables available at www.kramerav.com/product/VM-1H4C.

Using third-party cables may cause damage!

Step 5: Connect power

Connect the power cord to **VM-1H4C** and plug it into the mains electricity.

⚠️ Safety Instructions (See www.kramerav.com for updated safety information)
Caution:
- For products with relay terminals and GPI\O 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.

Technical Specifications

INPUTS:	1 HDMI connector 1 IR on a 3.5mm mini jack 1 RS-232 on a 9-pin D-sub connector
OUTPUTS:	4 TP on RJ-45 connectors
BANDWIDTH:	Supports up to 4.95Gbps (1.65Gbps per graphic channel)
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI and HDCP
INDICATOR LEDs:	Power, INPUT, OUTPUT 1, 2, 3 and 4
POWER CONSUMPTION:	12V DC, 2A
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:	21.5cm x 16.2cm x 4.4cm (8.5in x 6.38in x 1.7in) W, D, H
WEIGHT:	0.9kg (1.98lbs) approx.
ACCESSORIES:	Power supply
OPTIONS:	HDMI/HDMI male to male cables Recommended rack adapter (see www.kramerav.com/product/VM-1H4C).

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