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VM-400HDCPxI Quick Start Guide

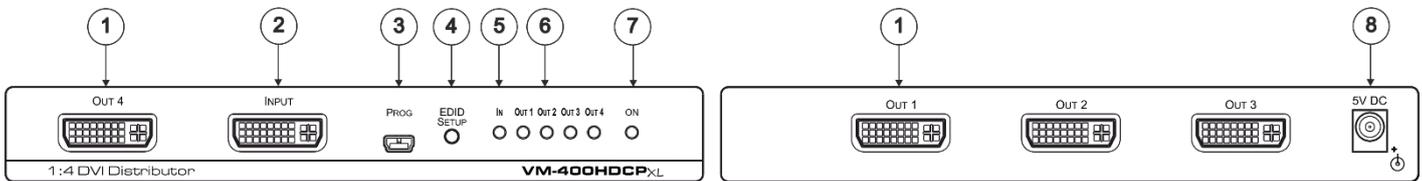
This guide helps you install and use your VM-400HDCPxI for the first time.

Go to www.kramerav.com/downloads/VM-400HDCPxI to download the latest user manual and check if firmware upgrades are available.

Step 1: Check what's in the box

- ✓ VM-400HDCPxI 1:4 DVI Distributor
- ✓ 1 bracket set
- ✓ 1 Quick start guide
- ✓ 1 Power adapter and cord
- ✓ 4 Rubber feet

Step 2: Get to know your VM-400HDCPxI

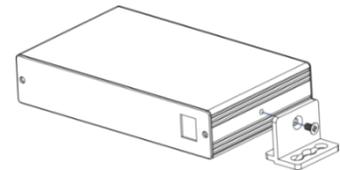


#	Feature	Function
1	OUT DVI-I Connectors	Connect to DVI acceptors OUT 4 is located on the front panel OUT 1 to OUT 3 on the rear panel.
2	INPUT DVI-I Connector	Connect to an DVI/HDMI (over DVI-D connector) source.
3	PROG Mini USB Connector	Use to send RS-232 Commands. Connect to a PC to perform firmware upgrades (via K-Upload) and work with the EDID Designer. K-Upload and EDID Designer can be downloaded from our Web site at: www.kramerav.com/manual/VM-400HDCPxI . To use the mini USB port, you need to download and the Kramer USB driver from our Web site at: www.kramerav.com/support/product_downloads.asp and install it.
4	EDID SETUP Button	Press to capture the input EDID or select the default EDID.
5	IN LED	Lights when an active input signal is detected.
6	OUT LEDs	Light when an active output acceptor is detected (from 1 to 4). In the EDID mode indicate the EDID type acquired. Flashes when a non-HDCP acceptor is connected to the output and the input is HDCP-encrypted (the content is displayed for only a few seconds).
7	ON LED	Lights when the unit receives power.
8	5V DC Connector	Connects to the 5V DC power supply.

Step 3: Install the VM-400HDCPxI

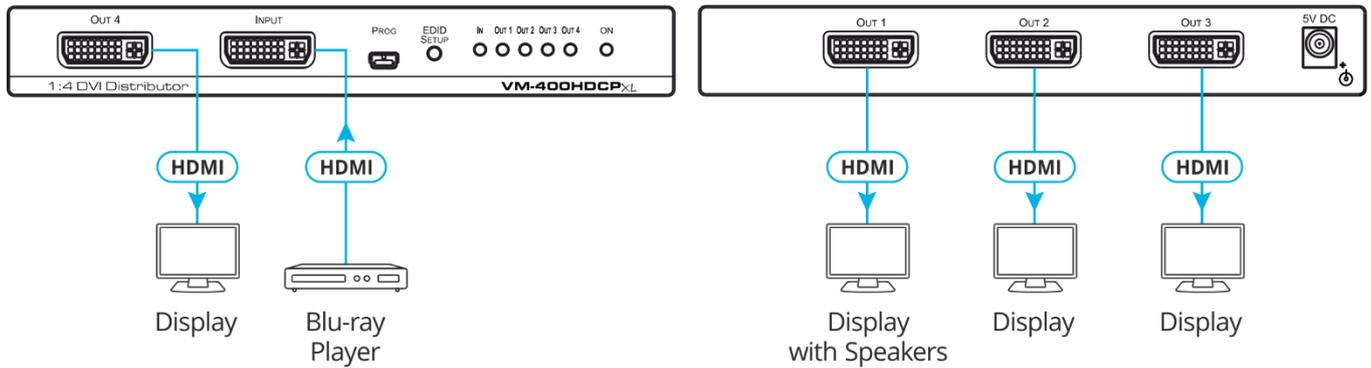
Install VM-400HDCPxI using one of the following methods:

- 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/VM-400HDCPxI.
- Mount the unit in a rack using the recommended rack adapter (see www.kramerav.com/product/VM-400HDCPxI).



Step 4: Connect the inputs and outputs

Always switch OFF the power on each device before connecting it to your **VM-400HDCPxI**. For best results, we recommend that you always use Kramer high-performance cables to connect AV equipment to the **VM-400HDCPxI**.



Step 5: Connect the power

Connect the 5V DC power adapter to **VM-400HDCPxI** 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 adapter 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 the VM-400HDCPxI

Acquiring the EDID

Press the button once to display the current EDID source: OUT 1, OUT 2, OUT 3, OUT 4, all OUT LEDs flash (default EDID).



VM-400HDCPxI Supports EDID Designer (via the mini USB port) that can be loaded from our Web site: [Kramer EDID Designer](http://KramerEDIDDesigner.com).

To use the mini USB port, you need to download and the Kramer USB driver from our Web site at: www.kramerav.com/support/product_downloads.asp and install it.

To acquire an EDID:

1. Press **EDID SETUP**. The current EDID status is displayed.
2. Press **EDID SETUP** (a second time) to enter EDID setup mode.
3. Press **EDID SETUP** repeatedly to cycle through the EDID source options.
The OUT LEDs flash in the following order:
OUT 1 -> OUT 2 -> OUT 3 -> OUT 4 -> all output LEDs flash.
Stop pressing **EDID SETUP** once the required EDID source is reached.
4. Wait a few seconds, until **VM-400HDCPxI** acquires the EDID.
When complete, all output LEDs return to normal operation, displaying the present output connection status.



If an unconnected output is chosen or the connected EDID cannot be read, the **VM-400HDCPxI** loads the default EDID.

Forcing the RGB Mode

Normally (the default state), when acquiring EDID, the device supports any color space that is defined in the acquired EDID parameters. In case of a color space problem, using the Force RGB mode may improve the colors of the image on the display.

To:	Do the following:
Force the acquired EDID to support only RGB color space:	Press and hold the EDID button for few seconds until all the output LEDs flash together four times. Continue to acquire the desired EDID. This acquired EDID is then forced to support the RGB color space only.
Return to the normal EDID mode:	Press and hold the EDID button for few seconds until the output LEDs flash together once. Continue to acquire the desired EDID.
View the current EDID mode:	Power cycle the unit. All output LEDs will flash together once when in normal EDID mode, and four times when in Force RGB mode.