KRAMER

VM-2DT Quick Start Guide

This guide helps you install and use your **VM-2DT** for the first time.

Go to www.kramerav.com/downloads/VM-2DT to download the latest user manual and check if firmware upgrades are available.
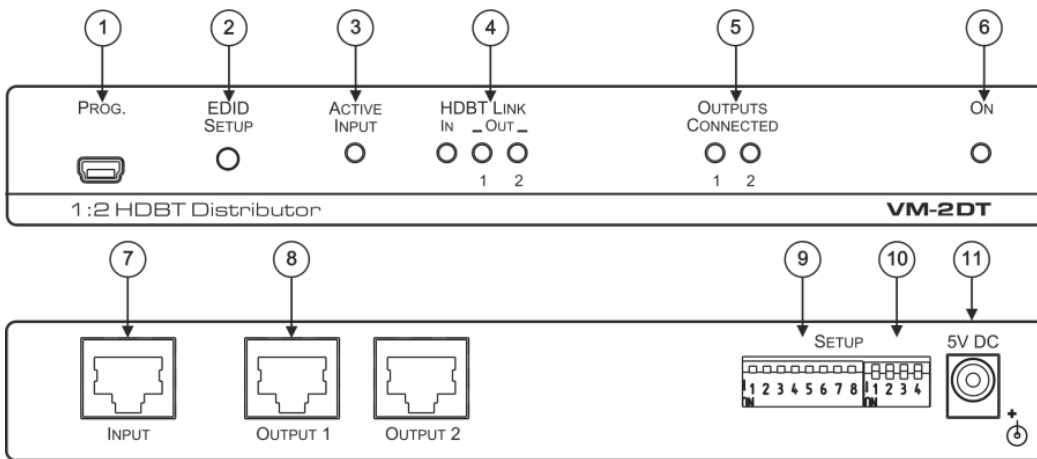
Step 1: Check what's in the box

- ☑ **VM-2DT** 1:2 HDBT Distributor
- ☑ 4 Rubber feet
- ☑ 1 Power supply (5V DC)
- ☑ 1 Quick start guide
- ☑ TOOL Mounting bracket kit

Step 2: Get to know your VM-2DT

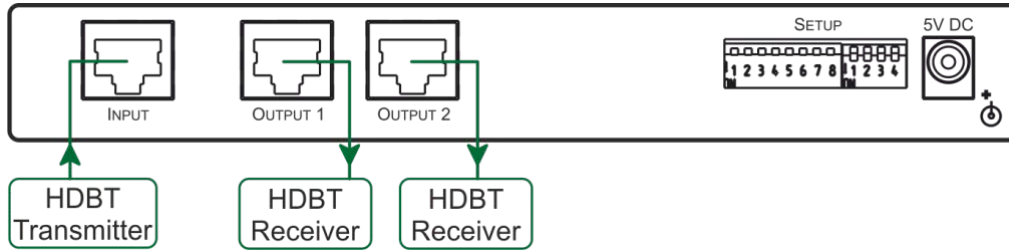| #	Feature		Function
1	PROGRAM Mini USB Connector		Use to send RS-232 commands. Connect to a PC to perform firmware upgrades (via K-Upload) and work with the EDID Designer. K-Upload and EDID Designer can be downloaded from our Web site at:www.kramerav.com/manual/EDID Designer
2	EDID SETUP Button		Press to capture the input EDID, force RGB mode or select the default EDID
3	ACTIVE INPUT LED		Lights green when an active input signal is detected
4	HDBT LINK LEDs	IN	Lights green when a link is established with the HDBaseT transmitter
		OUT	Lights green when a link is established with the HDBaseT receiver (1 and 2)
5	OUTPUTS CONNECTED LEDs		Lights green when an active output acceptor is detected (1 and 2)
6	ON LED		Lights green when the unit receives power
7	INPUT HDBT Connector		Connects to an HDBaseT source, for example **VS-44DT**
8	HDBT OUT Connectors		Connect to an HDBaseT acceptor (from 1 to 2), for example **TP-580R**
9	SETUP 8-way DIP-switches		Use to set the IR (DIP-switches 1 and 2) and RS-232 (DIP-switches 5 and 6) commands behavior
10	SETUP 4-way DIP-switch		For future use
11	5V DC		+5V DC connector for powering the unit

Step 3: Install the VM-2DT

To mount the **VM-2DT** in a rack, use an **RK-T2B** rack adapter. Alternatively, attach the rubber feet to the underside of the **VM-2DT** and place it on a table.

A Kramer Mega TOOLS™ can also be mounted on a desk top, wall or similar area. Fasten a bracket on each side of the TOOLS using the two M3x8 screws (supplied). Use the flat-head screws (supplied) to fix the TOOLS to the mounting surface or enable it to slide in place.
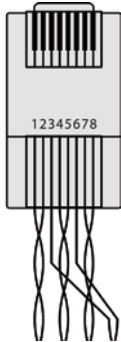
Step 4: Connect the inputs and outputs

Always switch OFF the power on each device before connecting it to your **VM-2DT**. For best results, we recommend that you always use Kramer high-performance cables to connect AV equipment to the **VM-2DT**.
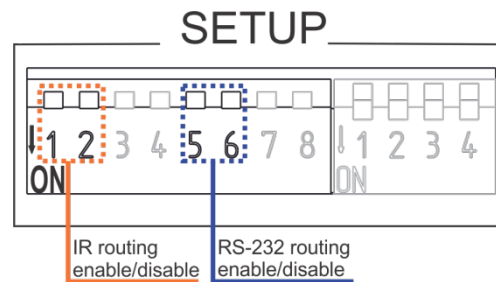

RJ-45 Pinout:

For the HDBaseT connectors, see the wiring diagram below:

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

DIP-Switch Setup:

Out #	IR Routing is enabled when:	RS-232 Routing is enabled when:
OUT 1	DIP 1 – OFF (up)	DIP 5 – OFF (up)
OUT 2	DIP 2 – OFF (up)	DIP 6 – OFF (up)

DIP-Switches 3, 4, 7 and 8 are reserved for future use.

Step 5: Connect the power

Connect the power adapter to the **VM-2DT** and plug the adapter into the mains electricity.

Step 6: Acquire the EDID

To acquire an EDID, press the EDID SETUP button as follows:

1. Press the EDID SETUP button once.
   The OUTPUTS CONNECTED LEDs flash to indicate the current EDID used: 1 or 2, or both if the default EDID is currently used.
2. Press the EDID SETUP button again to enter the EDID read mode and then press repeatedely to cycle through the EDID source options until the desired EDID source is reached: OUT 1 -> OUT 2 -> both LEDs flash (for a default EDID).
3. Wait a few seconds for the **VM-2DT** to read the EDID.
   When complete, all LEDs return to display the present output connection status.

Technical Specifications

Input:	1 HDBT connector
Outputs:	2 HDBT connectors
Max. Resolution:	4K@60Hz 4:2:0
Max. Data Rate:	10.2Gbps (3.4Gbps per graphic channel)
Compliance:	Supports HDMI 2.0 and HDCP 1.4
Controls:	EDID Setup button; Indicator LEDS: OUTPUTS 1 and 2, LINK 1 and 2, active input, power on
Operating 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
Power:	Power Source: 5.2V/4A; Power Consumption: 5V DC, 2.5A
Dimensions (W, D, H):	18.8 x 11.5 x 2.54cm (7.4 x 4.53 x 1"); Shipping Dimensions: 34.5 x 16.5 x 5.2 (13.6 x 6.5 x 2.05")
Weight:	0.53kg (1.17lb); Shipping Weight: 1.29kg (2.84lb)
Included Accessories:	Power supply
Options:	RK-T2B 19" rack adapter, Kramer HDBT cables
Specifications are subject to change without notice at www.kramerav.com	

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