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KDS-10 Quick Start Guide

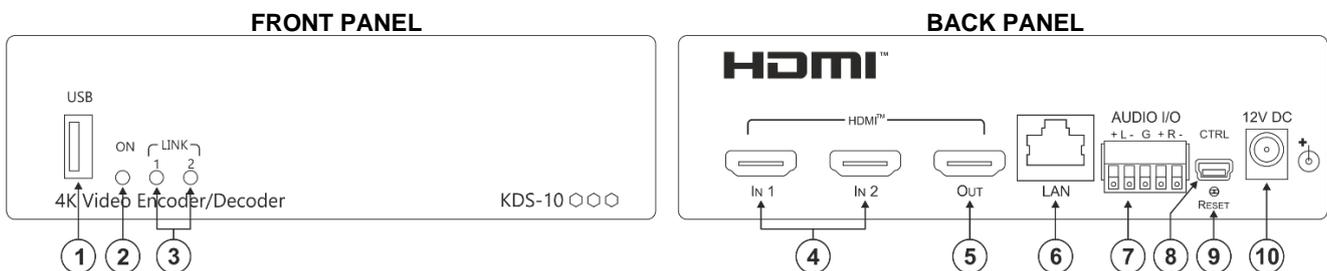
This guide helps you install and use your KDS-10 for the first time.

Go to www.kramerav.com/downloads/KDS-10 to download the latest user manual and check if firmware upgrades are available.

Step 1: Check what's in the box

- ✓ KDS-10 4K Video Encoder/Decoder
- ✓ 1 Power cord
- ✓ 4 Rubber feet
- ✓ 1 Quick start guide

Step 2: Get to know your KDS-10

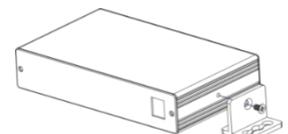


#	Feature	Function
1	USB Type A Port	For future use.
2	POWER LED	Lights when the device is powered ON.
3	LINK LEDs (1 & 2)	Encoder Mode
		Decoder Mode
4	IN HDMI Connectors (1 to 2)	Connect to up to 2 HDMI sources.
5	OUT HDMI Connector	Connect to an HDMI acceptor.
6	LAN RJ-45 Connector	Connect to the network using recommended Kramer cables.
7	AUDIO IN/OUT Balanced Stereo Audio 5-pin Terminal Block Connector	Connect to an analog audio acceptor or receiver.
8	CTRL Mini USB Connector	Connect to PC to send P3K commands to control device.
9	RESET button	Press and hold while powering on the device to reset to factory default parameters.
10	12V DC Connector	Connect to the power adapter.

Step 3: Mount KDS-10

Install KDS-10 using one of the following methods:

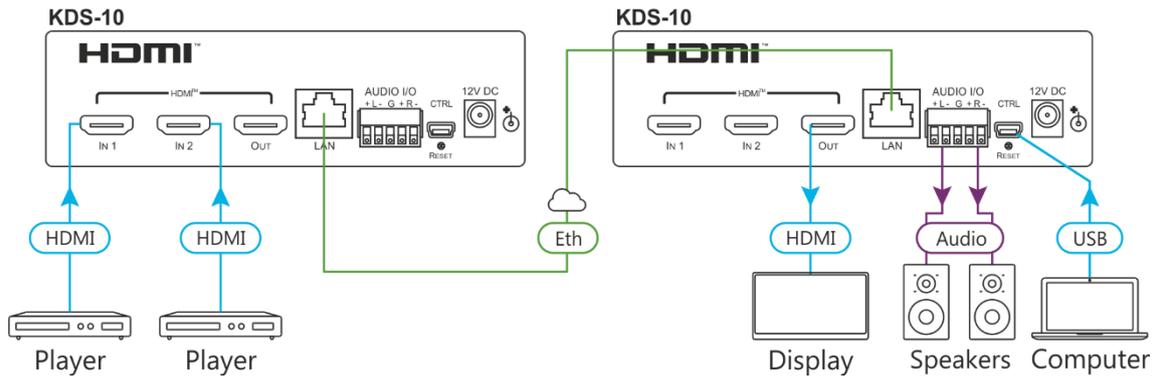
- Attach the rubber feet and place the unit on a flat surface.
- Fasten a bracket (not included) on each side of the unit and attach it to a flat surface (see www.kramerav.com/downloads/KDS-10).
- Mount the unit in a rack using the recommended rack adapter (see www.kramerav.com/product/KDS-10).



- 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.
- Maximum mounting height for the device is 2 meters.

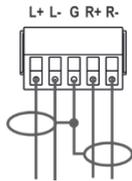
Step 4: Connect inputs and outputs

Always switch OFF the power on each device before connecting it to your KDS-10.

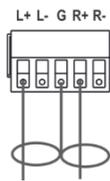


Connecting audio output

Connecting the audio output to a balanced stereo audio acceptor:

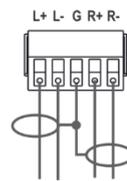


Connecting the audio output to an unbalanced stereo audio acceptor:

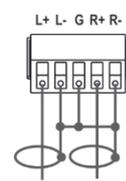


Connecting audio inputs

Connecting a balanced stereo audio source to the balanced input



Connecting an unbalanced stereo audio source to the balanced input



For optimal performance, use the recommended Kramer cables available at www.kramerav.com/product/KDS-10. Using third-party cables may cause damage!

Step 5: Connect power

Connect the power cord to KDS-10 and plug it into the mains electricity.

Safety Instructions (See www.kramerav.com for updated safety information)

Caution:

- For products with relay terminals and GPIO 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.

Step 6: Operate KDS-10

Operate KDS-10 via:

- Remotely, by Mini USB serial commands transmitted by a touch screen system, PC, or other serial controller
- Embedded web pages via the Ethernet

RS-232 Control / Protocol 3000

Baud Rate:	115,200	Parity:	None
Data Bits:	8	Command Format:	ASCII
Stop Bits:	1		

Example: (Switch video input 2 to output 4): #V 2>4<CR>

Default Ethernet Parameters

IP Address:	192.168.1.39	UDP Port #:	50000
Subnet Mask:	255.255.0.0	TCP Port #:	5000
Gateway:	0.0.0.0.		
Default Username:	Admin	Default Password:	Admin

To control via the Web pages:

1. Connect the KDS-10 Ethernet port.
2. Access the embedded Web pages.

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