KRAMER

KDS-EN5, KDS-DEC5 Quick Start Guide

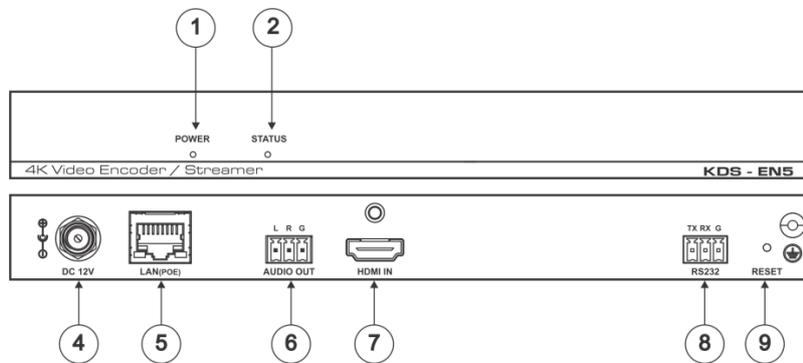This guide helps you install and use your **KDS-EN5, KDS-DEC5** for the first time.

Go to **www.kramerav.com/downloads/KDS-EN5** to download the latest user manual and check if firmware upgrades are available.
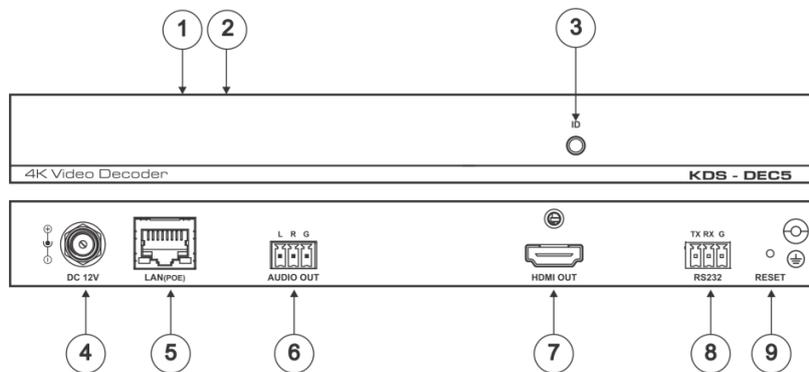
Step 1: Check what's in the box

- ☑ **KDS-EN5** 4K Video Encoder / Streamer OR **KDS-DEC5** 4K Video Decoder
- ☑ 4 Rubber feet
- ☑ 1 Bracket set
- ☑ 1 Quick start guide
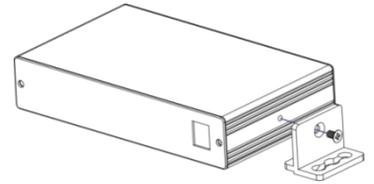
Step 2: Get to know your KDS-EN5, KDS-DEC5

KDS-EN5

KDS- DEC5

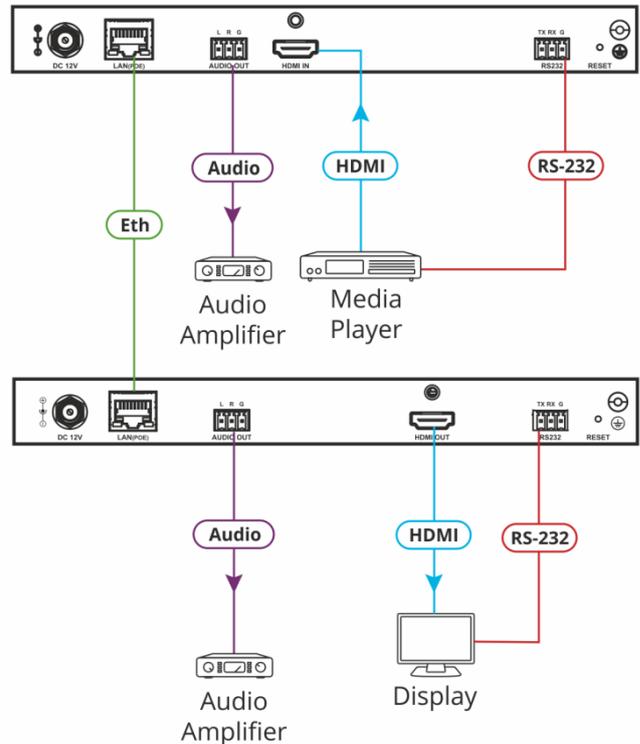| #	Feature	Function
1	POWER LED Indicator (on top of unit)	Lights when the unit is powered on.
2	STATUS LED Indicator (on top of unit)	Lights when unit is functioning properly.
3	ID Button (**KDS- DEC5**)	Press to display the encoder and decoder information, such as device IP address and ID, on the screen.
4	DC 12V Connector	Connect to a 12V power adapter (optional – when power is not supplied by PoE).
5	LAN (POE) RJ-45 Connector	Connect to a PC via a LAN to control the unit and to receive power via PoE.
6	AUDIO OUT 3-pin Terminal Block	Connect to an unbalanced audio acceptor.
7	HDMI IN (**KDS-EN5**) / OUT (**KDS-DEC5**)Connector	Connect to an HDMI source/acceptor.
8	RS-232 3-pin Terminal Block Connector	Connect to an external device (e.g. a camera or display screen) that can be controlled via the IP controller SW / API.S
9	RESET Button	Press and hold for about 8 seconds to reset to factory default settings.

Step 3: Install KDS-EN5, KDS-DEC5

Install **KDS-EN5, KDS-DEC5** 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 **http://www.kramerav.com/downloads/KDS-EN5** .

Step 4: Connect the inputs and outputs

Always switch OFF the power on each device before connecting it to your **KDS-EN5, KDS-DEC5**. For best results, we recommend that you always use Kramer high-performance cables to connect AV equipment to **KDS-EN5, KDS-DEC5**.

Step 5: Connect the power

By default, **KDS-EN5** and **KDS-DEC5** are set to PoE (Power over Ethernet). If you are not powering the device via PoE, connect that device to a 12V DC power adapter and connect the adapter to the mains electricity. PoE is automatically disabled when you connect to 12V DC power.

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: Set Up the Devices via the Web Pages

Default Ethernet Parameters			
Encoder IP Address:	192.168.1.39	Gateway:	0.0.0.0.
Decoder IP Address:	192.168.1.40	UDP Port #:	50000
Subnet Mask:	255.255.0.0	TCP Port #:	5000

To set the Encoder or Decoder IP address via the embedded web pages:

1. Connect the device Ethernet port to the network and power the device.
2. Access the embedded web pages by browsing to the device IP address. Enter "admin" as the login password.
3. In Network tab > IP Setup, select the IP mode.
4. If you selected Static, enter the IP address.

When setting to DHCP we recommend that you contact your IT administrator for setting the system IP addresses.

5. Click **Apply** and reboot the device.

To select the KDS-EN5 stream via the embedded web pages:

1. Access the embedded web pages by browsing to the device IP address. Enter "admin" as the login password.
2. In the Function tab select **Stream**.
3. Enter the **KDS-EN5** IP address.
4. Click **Apply**.