KRAMER

KDS-EN6, KDS-DEC6 Quick Start Guide

This guide helps you install and use your **KDS-EN6**/**KDS-DEC6** for the first time.

Go to **www.kramerav.com/downloads/KDS-EN6** t or **www.kramerav.com/downloads/KDS-DEC6** to download the latest user manual and check if firmware upgrades are available.

Step 1: Check what's in the box

- ☑ **KDS-EN6** Video Encoder
- ☑ **KDS-DEC6** Video Decoder
- ☑ 1 Bracket set for TOOLS
- ☑ 1 Quick start guide

Step 2: Install the KDS-EN6/KDS-DEC6

To mount the **KDS-EN6**/**KDS-DEC6** in a rack, use an **RK-T2B** rack adapter. Alternatively, attach the rubber feet to the underside of the **KDS-EN6**/**KDS-DEC6** and place it on a table. A Kramer 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 3: Connect the inputs and outputs

Always switch OFF the power on each device before connecting it to your **KDS-EN6**/**KDS-DEC6**. For best results, we recommend that you always use Kramer high-performance cables to connect AV equipment to the **KDS-EN6**/**KDS-DEC6**.
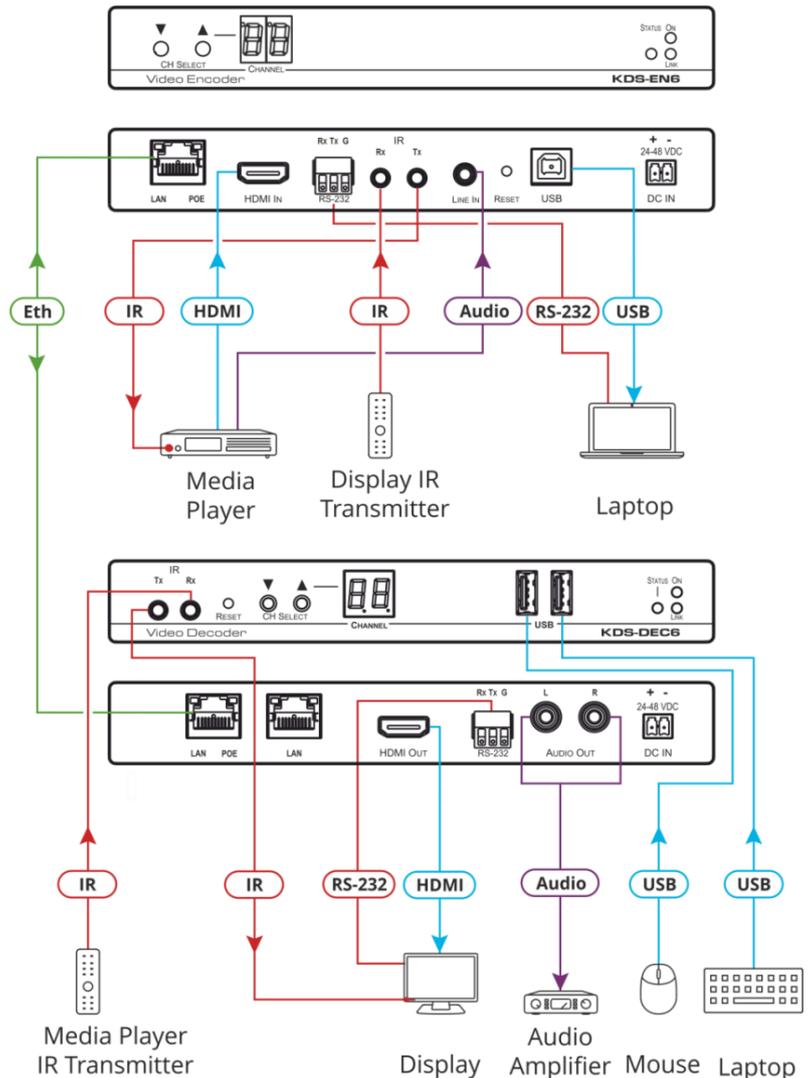
Step 4: Connect the power

By default, KDS-EN6 and KDS-DEC6 are set to PoE. If you are not powering the device via PoE, connect the **KDS-DEC6** and the **KDS-EN6** each to the 24-48 VDC power adapter and connect the adapter to the mains electricity. If 48V DC power is connected, PoE is automatically disabled.

Step 5: Set the devices

To set the KDS-EN6 / KDS-DEC6 IP address via channel buttons (by default, the IP address is 192.168.1.39 for each device):

1. Connect the device to the 24-48 VDC power adapter and connect the adapter to the mains electricity. The ON LED lights green and the LINK flashes (indicating that no streaming activity is detected).
2. Press and hold ▼ for 3 seconds.
3. Press ▲ or ▼ to select DH (DHCP) or SC (static) IP address setup.
4. If you selected DHCP (for Static, go to the next step):
   - For **KDS-DEC6**, press and hold ▲ or ▼ for 3 seconds to save your selection.
     The channel display flashes "**--**" 3 times and the device reboots.
   - For **KDS-EN6**, the channel display flashes "**ID**" 3 times. Continue to set the channel number for the **KDS-EN6**.

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

5. If you selected Static, press and hold ▲ or ▼ for 3 seconds to save your selection.
   The channel display flashes "**IP**" 3 times and the device reboots.
6. Press ▲ or ▼ to set the IP address.
7. Press and hold ▲ and ▼ for 3 seconds to save your selection.

To set the Channel Number via channel buttons

The **KDS-DEC6** channel number is set by simply pressing the ▲ or ▼ buttons at any time.

The **KDS-EN6** channel number can be set **immediately after** the IP address is set (via either static or DHCP).

To set the channel number for KDS-EN6:

1. Wait until the channel display flashes "**ID**" 3 times.
2. Press ▲ or ▼ to select the channel number.
3. Press and hold ▲ and ▼ for 3 seconds to save your selection. The channel display flashes "**--**" 3 times and the device reboots.

To set the IP address via the web pages:

1. Connect the **KDS-EN6** / **KDS-DEC6** Ethernet port to the Network and power the device.
2. Access the embedded Web pages.
3. In the Network tab select the IP mode.
4. If you selected Static, type in 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 set the Channel Number via web pages:

1. Connect the **KDS-EN6** / **KDS-DEC6** Ethernet port to the Network and power the device.
2. Access the embedded Web pages.
3. In the System tab select Utilities.
4. In the Console API Command text box enter the following command:

For the **KDS-EN6**:
   - `"astparam s multicast_ip 225.0.100.00X; astparam s hostname_id 000X; astparam s reset_ch_on_boot n; astparam save;"`
     where X=Channel number
   - Click **Apply**.
   - Power cycle the device

For the **KDS-DEC6**:
   - `"Switchto X"`
     where X=Channel number
   - Click **Apply**