



Scan for full manual

DSP-62-UC Quick Start Guide

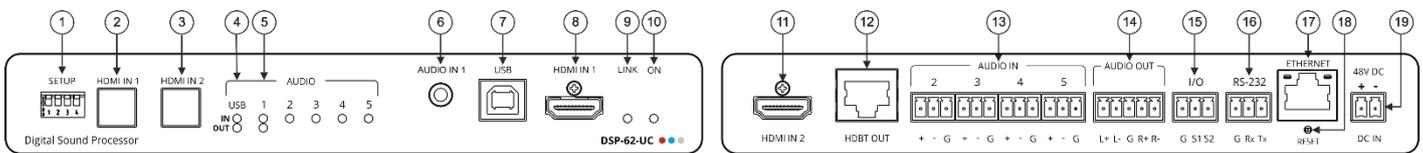
This guide helps you install and use your DSP-62-UC for the first time.

Go to www.kramerav.com/downloads/DSP-62-UC to download the latest user manual and check if firmware upgrades are available.

Step 1: Check what's in the box

- ✓ DSP-62-UC Digital Sound Processor
- ✓ 4 Rubber feet
- ✓ 1 Quick start guide
- ✓ Power adapter and cord
- ✓ 2 Bracket sets

Step 2: Get to know your DSP-62-UC



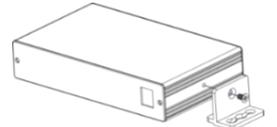
| # | Feature | Function |
|----|---|---|
| 1 | SETUP DIP-switches | Do not change DIP-switch settings (not for use!) DIP-switches 1 and 2 are always set to ON (down) and DIP-switches 3 and 4 are always set to OFF (up). |
| 2 | HDMI IN 1 Button | Press to select HDMI IN 1 input (on the front panel). |
| 3 | HDMI IN 2 Button | Press to select HDMI IN 2 input (on the rear panel). |
| 4 | AUDIO LEDs | USB IN Lights green when an audio source is received from the USB host port. |
| 5 | | USB OUT Lights green when an audio signal is sent to the USB host port. |
| | | IN (1 to 5) Lights green when a signal is present, lights red when clipping is detected. For IN 2 to IN 5, when connecting a microphone and setting to Mic mode via the embedded web pages, lights blue. |
| | | OUT 1 Lights green when a signal is present, lights red when clipping is detected. |
| 6 | AUDIO IN 1 3.5mm Mini Jack | Connect to an unbalanced audio source. |
| 7 | USB Type B Bi-directional Host Port | Connect to an audio source or acceptor. |
| 8 | HDMI IN 1 Connector | Connect to an HDMI source. |
| 9 | LINK LED | Lights green when a link with the receiver is established. |
| 10 | ON LED | Lights green when the device is powered by power supply. Lights blue when provides PoE (PSE). Lights orange when powered by PoE (PD). |
| 11 | HDMI IN 2 Connector | Connect to an HDMI source. |
| 12 | HDBT OUT Connector with POE (PD & PSE) | Connect to an HDBT receiver. |
| 13 | AUDIO IN 3-pin Terminal Block Connectors (2 to 5) | Connect to up to 4 mono balanced audio sources (mono or mic level with selectable 48V). |
| 14 | AUDIO OUT 5-pin Terminal Block Connector | Connect to a stereo balanced audio acceptor. |
| 15 | I/O Terminal Block Connectors (1 to 2) | Connect to up to two sensors, switches, LEDs, or relays. |
| 16 | RS-232 (G, Rx, Tx) Terminal Block Connector | Connect to a PC/serial controller |
| 17 | ETHERNET RJ-45 Connector | Connect to a PC via a LAN. |
| 18 | RESET Recessed Button | Press and hold while powering the device to reset to factory default values, including IP settings. |
| 19 | 48V DC Power Connector | Connect to the power supply and to the mains electricity. |

The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

Step 3: Mount DSP-62-UC

Install **DSP-62-UC** using one of the following methods:

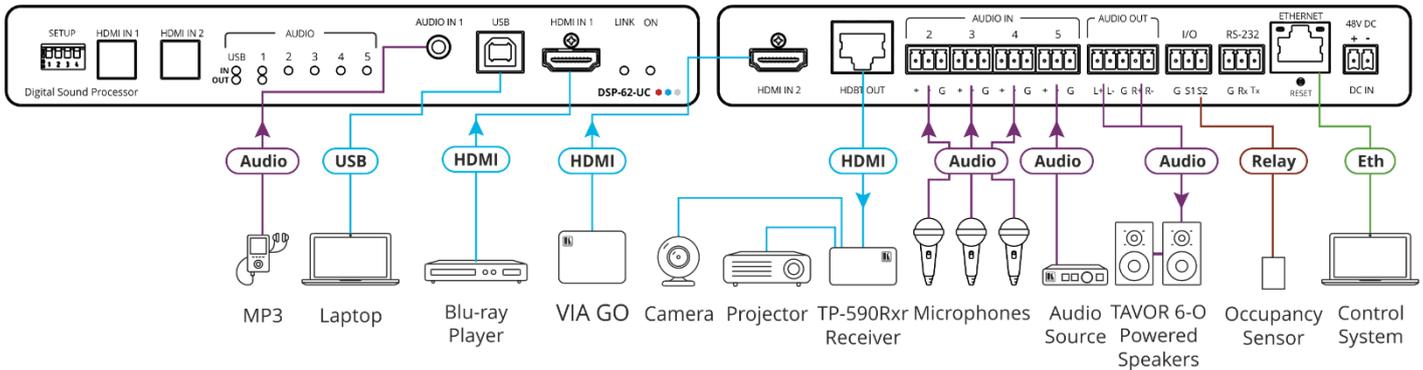
- Attach the rubber feet and place the unit on a flat surface.
- Fasten a bracket (included) on each side of the unit and attach it to a flat surface (see www.kramerav.com/downloads/DSP-62-UC).
- Mount the unit in a rack using the recommended rack adapter (see www.kramerav.com/product/DSP-62-UC).
- Mount the unit in a Kramer Table-Mount unit (see www.kramerav.com/product/DSP-62-UC).



- 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.

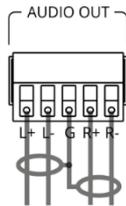
Step 4: Connect inputs and outputs

Always switch OFF the power on each device before connecting it to your **DSP-62-UC**.

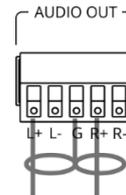


Connecting the audio output

To a balanced stereo audio acceptor:



To an unbalanced stereo audio acceptor:



To achieve specified extension distances, use the recommended Kramer cables available at www.kramerav.com/product/DSP-62-UC. Using third-party cables may cause damage!

Step 5: Connect power

Connect the 48V DC power cord to **DSP-62-UC** and plug it into the mains electricity (unless powered by PoE).

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 the DSP-62-UC

Operate **DSP-62-UC** via:

- Embedded web pages via the Ethernet.
- RS-232 serial commands transmitted by a touch screen system, PC, or other serial controller.

| RS-232 Control / Protocol 3000 | | | |
|---|---|-----------------|-------------|
| Baud Rate: | 115,200 | Parity: | None |
| Data Bits: | 8 | Command Format: | ASCII |
| Stop Bits: | 1 | | |
| Example: (adjust analog audio output 1 to "-10dB"): #x-aud-lvl out.analog_audio.1.audio.1,-10 | | | |
| Default Ethernet Parameters (Set to DHCP ON) | | | |
| Fallback IP Address: | 192.168.1.39 | UDP Port #: | 50000 |
| Subnet mask: | 255.255.0.0 | TCP Port #: | 5000 |
| Gateway: | 192.168.0.1 | User/Password | Admin/Admin |
| Factory Reset | | | |
| Recessed Button | Press and hold while powering the device. | | |
| Protocol 3000: | "#factory" command. | | |
| Web Pages: | In the Settings page, click Reset. | | |