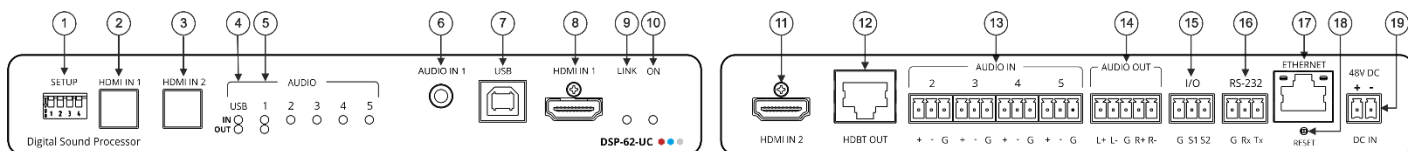# DSP-62-UC Quick Start Guide

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.

Scan for full manual

Step 1:   Check what's in the box

- ☑ **DSP-62-UC** Digital Sound Processor
- ☑ Power adapter and cord
- ☑ 4 Rubber feet
- ☑ 1 Bracket set
- ☑ 1 Quick start guide

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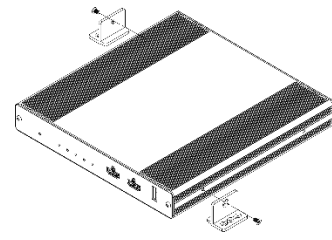

#	Feature		Function
1	SETUP DIP-switches		Do not change DIP-switch settings (not for use)! DIP-switches 1 and 2 are always set to ON (down) and DIP-switches 3 and 4 are always set to OFF (up).
2	HDMI IN 1 Button		Press to select HDMI IN 1 input (on the front panel).
3	HDMI IN 2 Button		Press to select 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.
		USB OUT	Lights green when an audio signal is sent to the USB host port.
5		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.

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

P/N: 2900- 301618QS   Rev: 3

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
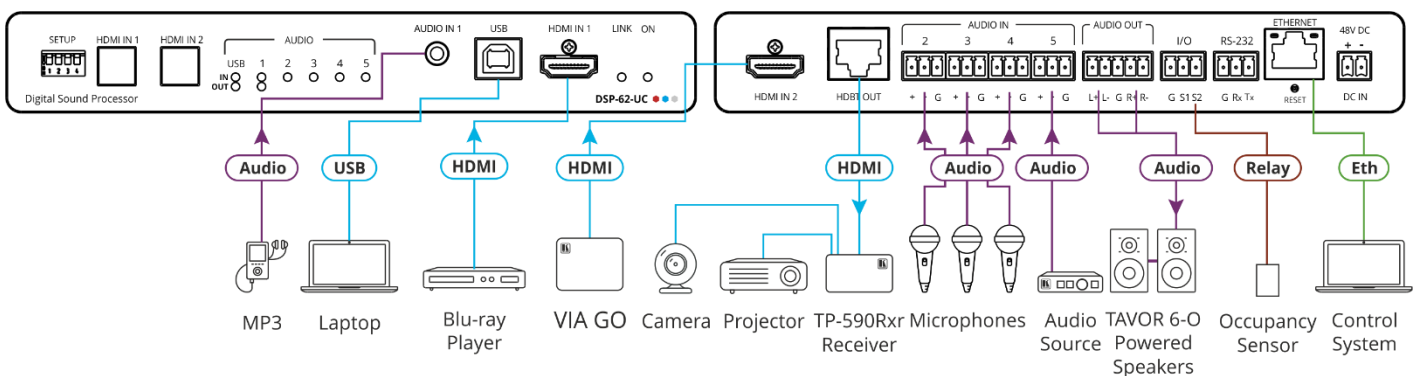 (see www.kramerav.com/downloads/DSP-62-UC).

- Mount the unit in a rack using the recommended rack adapter
  (see www.kramerav.com/product/DSP-62-UC).

⚠
- 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.
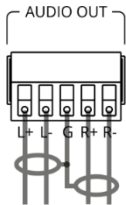- Reliable earthing of rack-mounted equipment should be maintained.

Step 4: Connect inputs and outputs

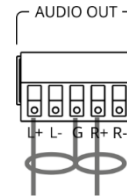Always switch OFF the power on each device before connecting it to your **DSP-62-UC**.

Connecting the audio output

To a balanced stereo audio acceptor:

To an unbalanced stereo audio acceptor:

ℹ 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 GPI\O 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 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.		

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