



Scan for full manual

FC-46H2 Quick Start Guide

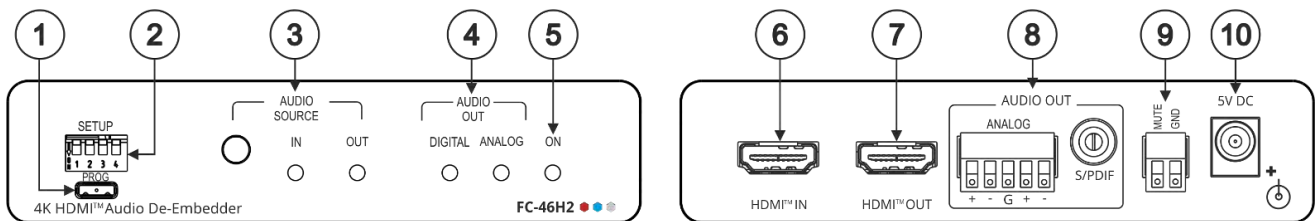
This guide helps you install and use your **FC-46H2** for the first time.

Go to www.kramerav.com/downloads/FC-46H2 to download the latest user manual and check if firmware upgrades are available.

Step 1: Check what's in the box

- ✓ **FC-46H2** 4K HDMI Audio De-Embedder
- ✓ 4 Rubber feet
- ✓ 1 Bracket set
- ✓ 1 Power adapter and cord
- ✓ 1 Quick start guide

Step 2: Get to know your FC-46H2



| # | Feature | Function | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------------|---|-----------|--------------------------|---------------------|----------|-----------|--|---|-----------|--------------------------|-----------|----------|-----------|--|----------|-----------|-----------|---|---------------|---|-----------|----------|-----------|--|----------|-----------|-----------|-----|----------------------------|------------|-----------|----------|-----------|------------|----------|-----------|-----------|---------------------|--|-----|-----|------|------|
| 1 | PROG Mini USB Port | Connect to a PC to perform firmware upgrades (via K-Upload) and work with the EDID Designer. K-Upload and EDID Designer can be downloaded from our Web site at: www.kramerav.com/downloads/FC-46H2 . To use the mini USB port, you need to download the Kramer USB driver from our Web site at: www.kramerav.com/support/product_downloads.asp and install it. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | SETUP 4-way DIP-switch | Set the device behavior. i All the DIP-switches are set to off (up) by default. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th>#</th> <th>Feature</th> <th colspan="4">DIP-switch Settings</th> </tr> </thead> <tbody> <tr> <td rowspan="2">1</td> <td rowspan="2">EDID Mode</td> <td>On (down) — EDID locked.</td> <td>On (down)</td> <td>Off (up)</td> <td>On (down)</td> </tr> <tr> <td>Off (up) — EDID pass-through mode. When EDID is locked, the audio parameters are set as defined by DIP-switch 2. In pass-through mode, the DIP-switch 2 setup is ignored.</td> <td>Off (up)</td> <td>On (down)</td> <td>On (down)</td> </tr> <tr> <td rowspan="2">2</td> <td rowspan="2">Audio Support</td> <td>On (down) — Limits the audio to 2-channel LPCM.</td> <td>On (down)</td> <td>Off (up)</td> <td>On (down)</td> </tr> <tr> <td>Off (up) — Passes the audio parameters. This setup is enabled only after DIP-switch 1 is set to On (down; EDID locked).</td> <td>Off (up)</td> <td>On (down)</td> <td>On (down)</td> </tr> <tr> <td rowspan="2">3/4</td> <td rowspan="2">Analog Audio Amplification</td> <td>3 Off (up)</td> <td>On (down)</td> <td>Off (up)</td> <td>On (down)</td> </tr> <tr> <td>4 Off (up)</td> <td>Off (up)</td> <td>On (down)</td> <td>On (down)</td> </tr> <tr> <td colspan="2">Amplification Level</td> <td>0dB</td> <td>6dB</td> <td>12dB</td> <td>18dB</td> </tr> </tbody> </table> | # | Feature | DIP-switch Settings | | | | 1 | EDID Mode | On (down) — EDID locked. | On (down) | Off (up) | On (down) | Off (up) — EDID pass-through mode. When EDID is locked, the audio parameters are set as defined by DIP-switch 2. In pass-through mode, the DIP-switch 2 setup is ignored. | Off (up) | On (down) | On (down) | 2 | Audio Support | On (down) — Limits the audio to 2-channel LPCM. | On (down) | Off (up) | On (down) | Off (up) — Passes the audio parameters. This setup is enabled only after DIP-switch 1 is set to On (down; EDID locked). | Off (up) | On (down) | On (down) | 3/4 | Analog Audio Amplification | 3 Off (up) | On (down) | Off (up) | On (down) | 4 Off (up) | Off (up) | On (down) | On (down) | Amplification Level | | 0dB | 6dB | 12dB | 18dB |
| | | # | Feature | DIP-switch Settings | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1 | EDID Mode | On (down) — EDID locked. | On (down) | Off (up) | On (down) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Off (up) — EDID pass-through mode. When EDID is locked, the audio parameters are set as defined by DIP-switch 2. In pass-through mode, the DIP-switch 2 setup is ignored. | Off (up) | | | On (down) | On (down) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Audio Support | On (down) — Limits the audio to 2-channel LPCM. | On (down) | Off (up) | On (down) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Off (up) — Passes the audio parameters. This setup is enabled only after DIP-switch 1 is set to On (down; EDID locked). | Off (up) | On (down) | On (down) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3/4 | Analog Audio Amplification | 3 Off (up) | On (down) | Off (up) | On (down) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 4 Off (up) | Off (up) | On (down) | On (down) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amplification Level | | 0dB | 6dB | 12dB | 18dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | AUDIO SOURCE | Selector Button | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | IN LED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | OUT LED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | AUDIO OUT LEDs | DIGITAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | ANALOG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | ON LED | Lights green when powered. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | HDMI™ IN Connector | Connect to an HDMI source. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | HDMI™ OUT Connector | Connect to an HDMI acceptor. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

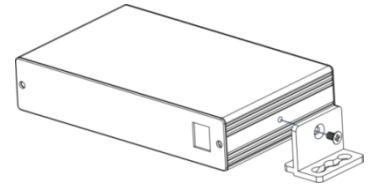
| # | Feature | Function |
|----|-------------------------------------|--|
| 8 | AUDIO OUT Connectors | ANALOG 5-pin Terminal Block |
| | | S/PDIF RCA |
| 9 | MUTE 2-pin Terminal Block Connector | Momentarily connect the MUTE pin to GND to mute the analog audio output. |
| 10 | 5V DC Power Connector | Connect to the Kramer power adapter. |

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

Step 3: Install FC-46H2

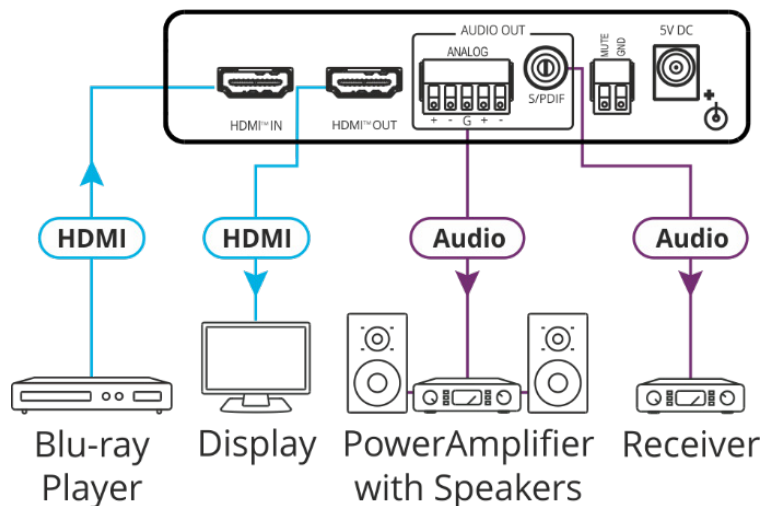
Install **FC-46H2** using one of the following methods:

- 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 www.kramerav.com/downloads/FC-46H2.
- Mount the unit in a rack using the recommended rack adapter (see www.kramerav.com/product/FC-46H2).

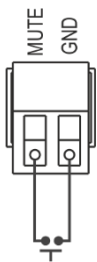


Step 4: Connect the inputs and outputs

Always switch OFF the power on each device before connecting it to your **FC-46H2**. For best results, we recommend that you always use Kramer high-performance cables to connect AV equipment to **FC-46H2**.



Contact Closure Switches:



Mute the analog output by momentarily connecting the MUTE pin to the GND.

Step 5: Connect the power

Connect the 5V DC power supply to **FC-46H2** and plug it into the mains electricity.

Safety Instructions



Caution: There are no operator serviceable parts inside the unit.

Warning: Use only the Kramer Electronics power supply 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.