Extron

HAI 100 4K Plus • Setup Guide

IMPORTANT: Go to www.extron.com for the complete user guide, installation instructions, and specifications before connecting the product to the power source.

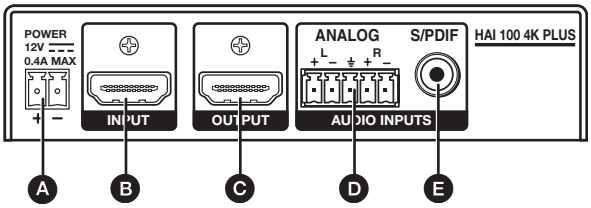
The Extron HAI 100 4K Plus is an audio embedder that embeds either two-channel analog audio, or two-channel or multi-channel S/PDIF digital audio onto the HDMI output signal. The HAI 100 4K Plus includes an HDMI input, analog stereo audio and S/PDIF audio inputs, as well as an HDMI output.

Mounting

The HAI 100 4K Plus can be placed on a desktop or tabletop using the included rubber feet, or mounted to a rack or furniture (see the *HAI 100 4K Plus User Guide*, available at **www.extron.com**, for mounting options and instructions).

Cabling

Rear Panel Features and Cabling



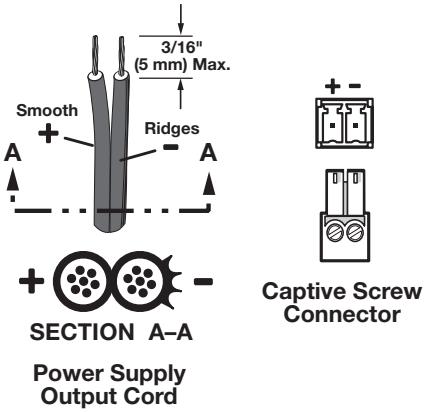
- **A** Power input
- **B** HDMI input
- **C** HDMI output
- **D** Analog audio input
- **E** S/PDIF audio input (see the next page)

Figure 1. **HAI 100 4K Plus Rear Panel**

A **Power input** — Connect the provided power supply to the 3.5 mm, 2-pole captive screw power receptacle (see the image at right).

ATTENTION:

- Do not connect the power supply before reading the Attention in the Power Supply section of the *HAI 100 4K Plus User Guide*.
- Ne branchez pas la source d'alimentation externes avant d'avoir lu les mises en garde dans la section « Power Supply » du *HAI 100 4K Plus User Guide*.



B **HDMI input** — Connect an HDMI input source into this female HDMI type A connector.

NOTE: By default, the EDID stored at the HDMI input is set to 1080p at 60 Hz with 2-channel audio. EDID can be configured using Extron PCS software (see **Configuration** on the next page).

C **HDMI output** — Connect an HDMI output device into this female HDMI type A connector.

D **Analog audio input** — Connect an analog audio device to this 5-pole 3.5 mm captive screw connector (see figure 2). This connector accepts 2-channel stereo balanced or unbalanced audio.

NOTE: By default, the HAI 100 4K Plus is configured to always embed analog audio. This can be configured using Extron PCS software or SIS commands (see **Configuration** on the next page).

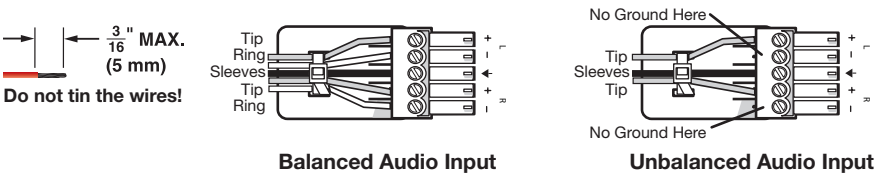


Figure 2. **Analog Input Connector Wiring**

ATTENTION:

- Connect the sleeve to the ground (Gnd) terminal. Connecting the sleeve to a negative (-) terminal will damage the audio output circuits.
- Connectez le manchon à la terminaison terre (Gnd). Connecter le manchon à une terminaison négative (-) endommagera les circuits de la sortie audio.

E **S/PDIF audio input** — Connect a S/PDIF audio output device into this female RCA connector. This connector accepts digital S/PDIF audio formats (2-channel LPCM, Dolby Digital, or DTS).

NOTE: The HAI 100 4K Plus can be configured to embed S/PDIF audio using Extron PCS Software or SIS commands (see "Configuration" below).

Front Panel Features and Cabling

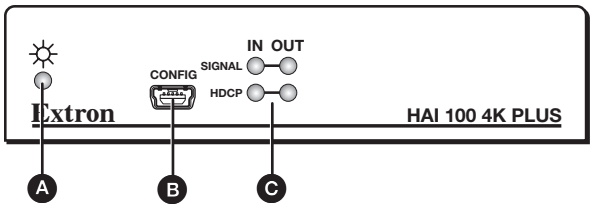


Figure 3. **HAI 100 4K Plus Front Panel**

A **Power LED** — The LED indicator lights when the unit is receiving power.

B **Config port** — Connect a control PC to this female Mini-B USB Config port to update the firmware, configure various functions of the unit, and view the current status of the unit.

C **Input and Output LEDs** — These four LEDs provide the status of the HDMI input and output:

- Signal — Input LED lights when the unit is receiving a signal on the HDMI input.
  Output LED lights when a sink device is connected to the HDMI output.
- HDCP — Input LED lights when the input signal is HDCP encrypted.
  Output LED lights when an HDCP compliant sink device is detected and the output is encrypted.

Configuration

Several HAI 100 4K Plus features can be configured using Extron PCS software or SIS commands:

- **Extron Product Configuration Software (PCS)**: To configure the unit using PCS, download the software from **www.extron.com** (see the *HAI 100 4K Plus User Guide* for details).
- **Simple Instruction Set™ (SIS) commands**: SIS commands can be sent from a PC to the HAI 100 4K Plus using Extron DataViewer or other command interface (see the "SIS Commands" section of the *HAI 100 4K Plus User Guide*).

For information on safety guidelines, regulatory compliances, EMI/EMF compatibility, accessibility, and related topics, see the **Extron Safety and Regulatory Compliance Guide** on the Extron website.

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