

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

DA4 HD 4K PLUS and DA6 HD 4K PLUS • Setup Guide

Overview

The Extron DA4 HD 4K PLUS and DA6 HD 4K PLUS distribution amplifiers distribute one HDMI input signal to four or six outputs simultaneously at resolutions up to UHD and 4K @ 60 Hz 4:4:4, following the HDMI 2.0b and HDCP 2.2 specifications. This setup guide provides basic instructions for installation by an experienced installer.

For complete instructions, see the *DA HD 4K PLUS Series User Guide* at www.extron.com.

Front Panel

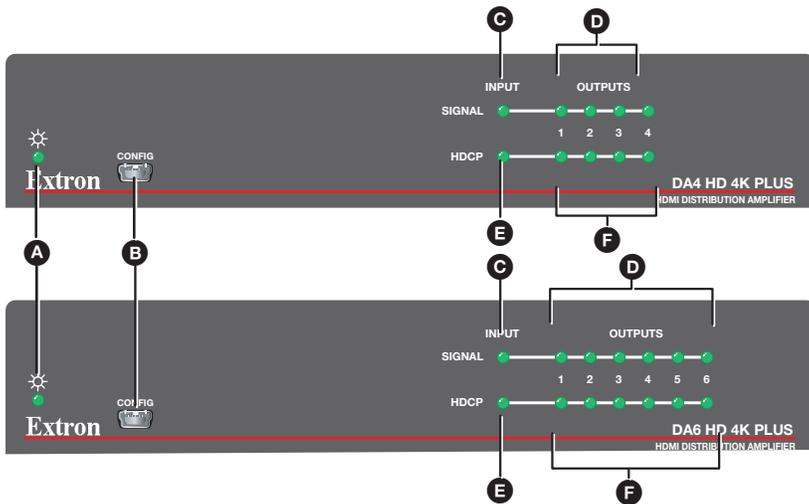


Figure 1. DA HD 4K PLUS Front Panels

- A Power status LED** — Lights when power is applied to the unit.
- B USB Config port** — Used for SIS or PCS to configure, monitor, and update firmware on the unit.
- C Input Signal LED** — Lights when a TMDS signal is detected on the HDMI input. If the source requires HDCP encryption, this LED lights only when HDCP is authenticated.
- D Output Signal LEDs** — Light when HPD is detected from the corresponding sink device and when a TMDS signal is detected at the input.
- E Input HDCP LED** — Lights when the source requires HDCP encryption and it has been authenticated with the HDMI input.
- F Output HDCP LEDs** — Light when HDCP is authenticated between the DA4 HD 4K PLUS or DA6 HD 4K PLUS output and the corresponding sink device.

Rear Panel

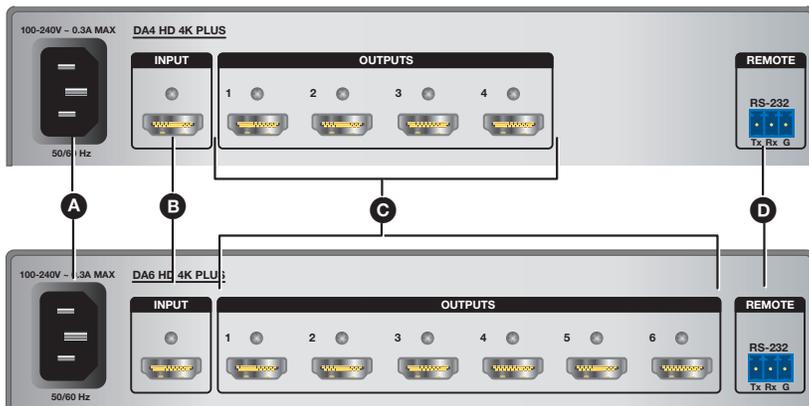


Figure 2. DA HD 4K PLUS Rear Panel Connections

- A Power input** — Connect the provided IEC cable to a 100-240 VAC (50 or 60 Hz) power source.
- B HDMI input** — Connect a source device to this female HDMI type A input.
- C HDMI outputs** — Connect up to four or six display devices to these female HDMI type A outputs.
- D Remote RS-232 port** — Connect the provided 3-pole captive screw connector for SIS configuration, monitoring, and firmware updates (Pin 1 = Tx, Pin 2 = Rx, Pin 3 = Ground). Protocol: 9600 baud, 8 data bits, 1 stop bit, no parity.

DA4 HD 4K PLUS and DA6 HD 4K PLUS • Setup Guide (Continued)

Installation

1. Mount the DA4 HD 4K PLUS or DA6 HD 4K PLUS in a suitable location with recommended mounting kits: MBU 123, RSU 126, or UTS 100 (see www.extron.com for mounting options). Follow the instructions provided with the mounting kit.
2. If required, connect a control PC to the USB Config port (see [figure 1, B](#) on the previous page) or Remote RS-232 port (see [figure 2, D](#) on the previous page). To connect the rear panel Remote RS-232 port to a PC, ensure that the PC transmit connects to the RS-232 receive and the PC receive connects to the RS-232 transmit (see the diagram below).

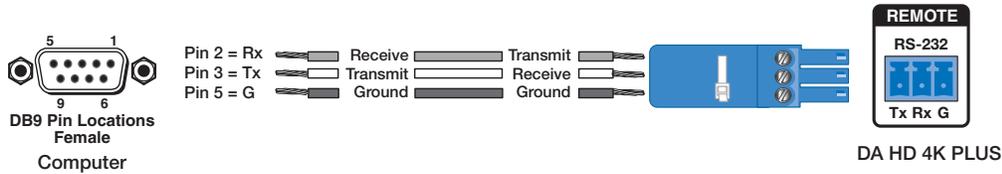


Figure 3. Wiring the RS-232 Connector

NOTE: Use Product Configuration Software (PCS) to configure EDID Minder®, mute the video signal, mute the audio signal, adjust the video color bit depth, or monitor the signal and HDCP status (see the *Configuration Software* section of the *DA HD 4K PLUS Series User Guide*).

3. Connect the display devices to the rear panel HDMI outputs and power them on.
4. Connect the source device to the rear panel HDMI input.

NOTE: Use the LockIt® HDMI cable lacing brackets provided to secure the HDMI connectors.

Secure the HDMI Connectors

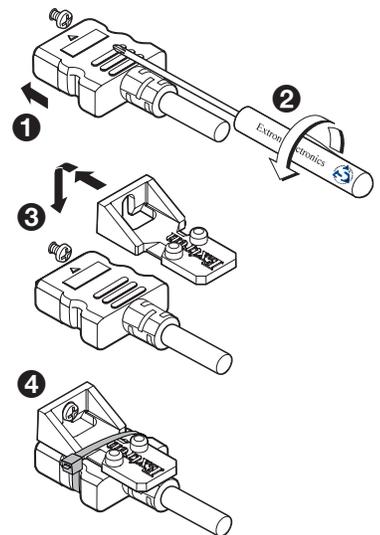
Follow these instructions to secure the input and output HDMI connectors to the unit with the LockIt HDMI lacing brackets provided:

- a. Plug the HDMI cable into the rear panel connection (1).
- b. Loosen the HDMI connection mounting screw from the rear panel enough to allow the LockIt lacing bracket to be placed over it (2). The screw does not have to be removed.
- c. Place the LockIt lacing bracket on the screw and against the HDMI connector, then tighten the screw to secure the bracket (3).

ATTENTION:

- Do not overtighten the HDMI connection mounting screw. The shield it fastens to is very thin and can easily be stripped.
- Ne serrez pas trop la vis de montage du connecteur HDMI. Le blindage auquel elle est attachée est très fin et peut facilement être dénudé.

- d. Loosely place the included tie wrap around the HDMI connector and the LockIt lacing bracket as shown (4).
- e. While holding the connector securely against the lacing bracket, tighten the tie wrap, then remove any excess length.



5. Connect the provided IEC cable to the female IEC port and the other end to a 100-240 VAC (50 or 60 Hz) power source.
6. Power on the source device.



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