

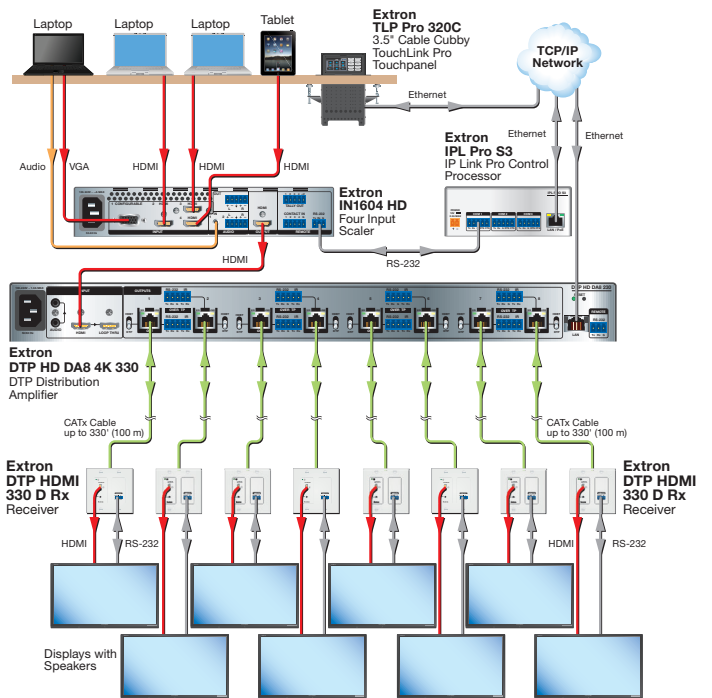
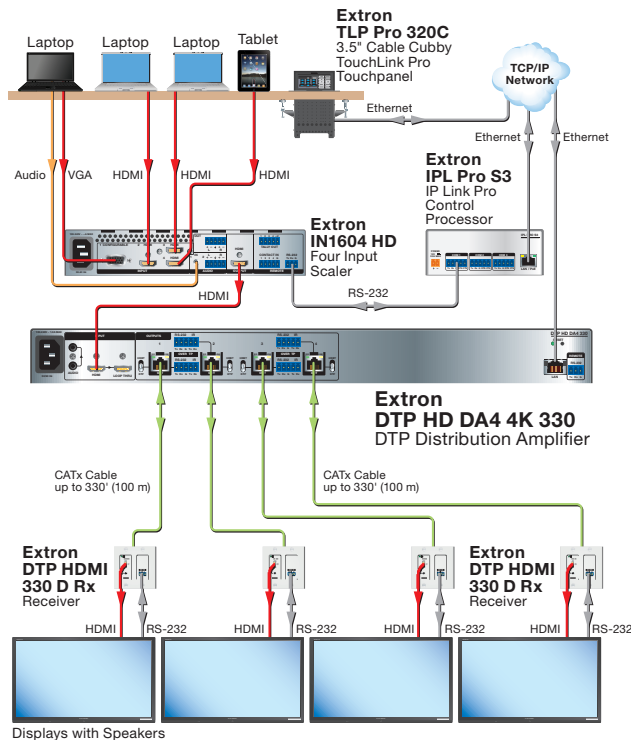
DTP HD DA4/DA8 4K 230/330 • Setup Guide

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

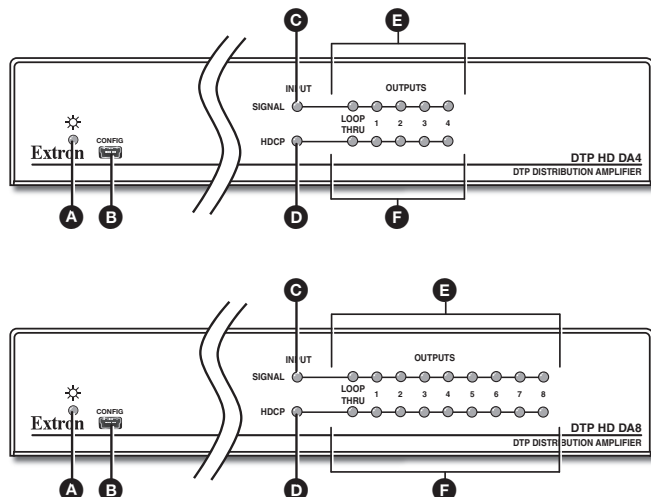
Overview

These Extron distribution amplifiers distribute one HDMI input signal to four (DTP HD DA4 4K models) or eight (DTP HD DA8 4K models) simultaneous outputs via shielded twisted pair (STP) cables. The amplifiers distribute the signal over a distance of up to 230 feet (70 meters) or 330 feet (100 meters) for resolutions up to 1080p @ 60 Hz, and 130 feet (40 meters) or 330 feet (100 meters) for resolutions up to 4K @ 30 Hz, depending on the model. This setup guide provides basic instructions for installation by an experienced installer. For complete instructions, see the *DTP HD DA4/DA8 4K 230/330* user guide on the Extron web site (www.extron.com).

Typical DTP HD DA4/DA8 4K Application Examples



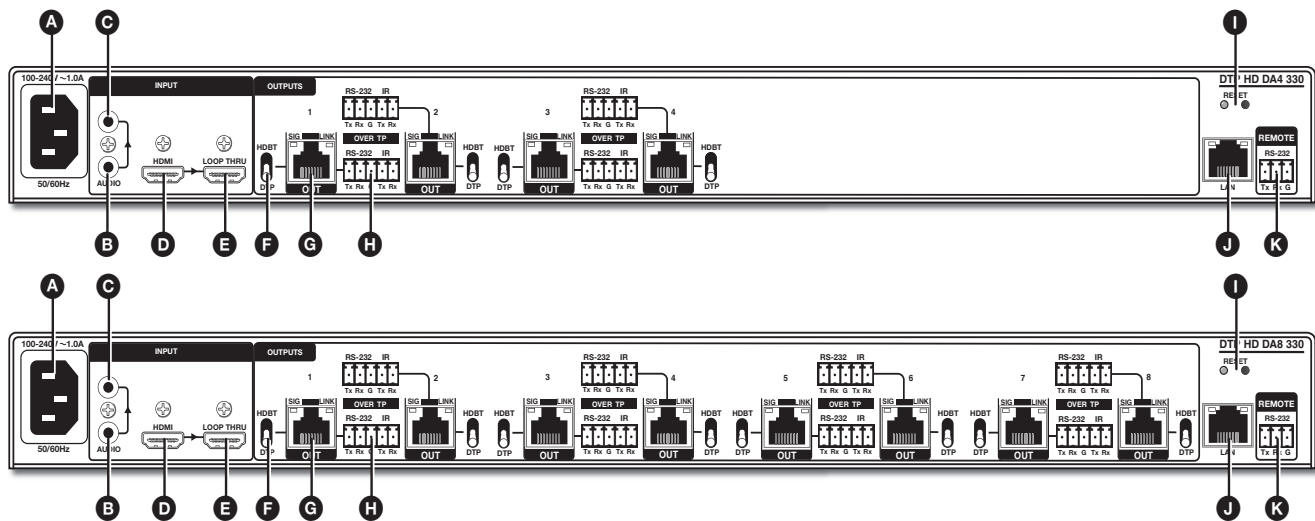
Front Panel



- A Power status LED** — Lights green when power is applied to the unit.
- B USB Config port** — Used for firmware updates, SIS configuration, and software control.
- C Input Signal LED** — Lights green indicating a signal is detected on the HDMI input.
- D Input HDCP LED** — Lights green indicating HDCP presence is detected on the HDMI input.
- E Output Signal LEDs** — Light green indicating a signal is detected on the HDMI outputs.
- F Output HDCP LEDs** — Light green indicating HDCP presence is detected on the HDMI outputs.

DTP HD DA4/8 4K 230/330 • Setup Guide (Continued)

Rear Panel



- A Power input** — Connect the provided IEC connector to a 100-240 VAC (50 or 60 Hz) power source.
- B Analog audio input** — Connect an unbalanced stereo audio source to these 3.5 mm mini stereo jacks.

NOTE: The units do NOT embed analog audio onto the HDMI signal. This analog audio signal is transmitted simultaneously with audio embedded within the HDMI signal.

- C Analog audio Loop Thru** — Connect an audio system to this 3.5 mm mini stereo jack for local loop-through monitoring of the source audio.
- D HDMI input** — Connect a source device to this female HDMI type A connector.
- E HDMI Loop Thru** — Connect a display to this female HDMI type A connector for local loop-through monitoring of the source signal.
- F DTP/HDBaseT configuration switch** — Set this 2-position, recessed switch to configure the output between HDBaseT and DTP modes. When configured for HDBaseT, use an HDBaseT-compatible receiver. When configured for DTP, use a DTP-compatible receiver.
- G DTP/HDBaseT outputs** — Use shielded twisted pair (STP) cables to connect these 4 (DA4 models) or 8 (DA8 models) outputs to the inputs of a compatible receiver.

ATTENTION:

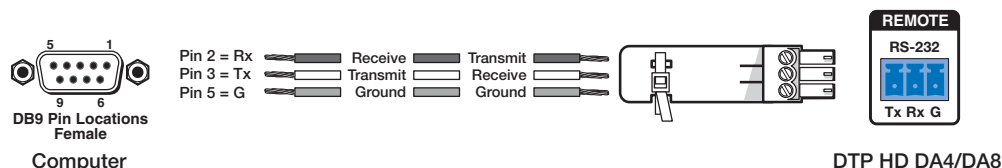
- Do not connect these outputs to a telecommunications or computer data network.
- Ne connectez pas ces appareils à des données informatiques ou à un réseau de télécommunications.

- H Over TP RS-232/IR connectors** — Use these 4 (DA4 series) or 8 (DA8 series) 3.5 mm, 5-pole captive screw connectors to pass bidirectional RS-232 and IR control between compatible devices.
- I Reset button and LED** — Press and hold the reset button for approximately 6 seconds to restore the unit to factory default settings. The reset LED will flash green, indicating that the default settings have been restored.
- J LAN connector** — Use an RJ-45 cable to connect this jack to a LAN for Ethernet control of the device.
- K Remote RS-232 connector** — Connect an RS-232 device to this 3-pole, 3.5 mm captive screw connector to control the DTP HD unit. Configure it as follows: 9600 baud rate, 8 data bits, 1 stop bit, no parity. See *Installation* on the next page for wiring instructions.

DTP HD DA4/DA8 4K 230/330 • Setup Guide (Continued)

Installation

1. Mount the HDMI DA unit in a suitable location (see the *Mounting* section of the *DTP HD DA4/DA8 4K 230/330* user guide for mounting options). Follow the instructions provided with the mounting kit.
2. Connect the USB or RS-232 connector (see the figure below) to a PC for configuration and maintenance. Use SIS commands or the Extron PCS program 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, as required (see the *DTP HD DA4/DA8 4K 230/330* user guide for more information).



3. Connect the rear panel transmitter outputs (6) to the rear panel receiver inputs using shielded twisted pair (STP) cable.

NOTE: The DTP HD DA4/DA8 4K 230 and 330 products can transmit video, control, and audio (if applicable) signals up to 230 feet (70 meters) and 330 feet (100 meters), respectively.

For optimal performance, Extron highly recommends the following:

- RJ-45 termination with STP cable must comply with TIA/EIA-T568B wiring standard for all connections. For more information on cable wiring and termination, see the full product user guide at www.extron.com.
- Use shielded twisted pair cable, 24 AWG solid conductor or better, with a minimum cable bandwidth of 400 MHz.

ATTENTION:

- Do not use Extron UTP23SF-4 Enhanced Skew-Free AV UTP cable or STP201 cable.
- N'utilisez pas le câble AV Skew-Free UTP version améliorée UTP23SF d'Extron ou le câble STP201.

- Use shielded RJ-45 plugs to terminate the cable.
- Limit the use of RJ-45 patches. Overall transmission distance capabilities vary depending on the number of patches used. If possible, limit the number of patches to only 1 or 2 total.
- If RJ-45 patches must be used in the system, Extron recommends shielded CAT 6 (or better) patches.

4. Connect display devices to the transmitter and receivers.

NOTE: Use the LockIt HDMI cable lacing brackets provided to secure the HDMI connectors (see the *LockIt HDMI Cable Lacing Bracket* installation guide).

- a. Connect and power on the display devices to the outputs on the compatible receivers.
 - b. (Optional) Connect and power on a local display device to the Loop-Thru connector (E).
5. Connect to a 110-240 VAC (50 or 60 Hz) power supply using the provided IEC power cord.
 6. Connect and power on the source device.

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