

FOX DA8 Plus • Setup Guide

This guide provides quick start instructions for an experienced installer to set up and operate the Extron FOX DA8 Plus fiber optic distribution amplifier. See the [drawing](#) on the next page.

WARNING: This unit outputs continuous invisible light, which may be harmful to the eyes; use with caution. For additional safety, plug the attached dust caps into the optical transceivers when the fiber optic cable is unplugged.

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

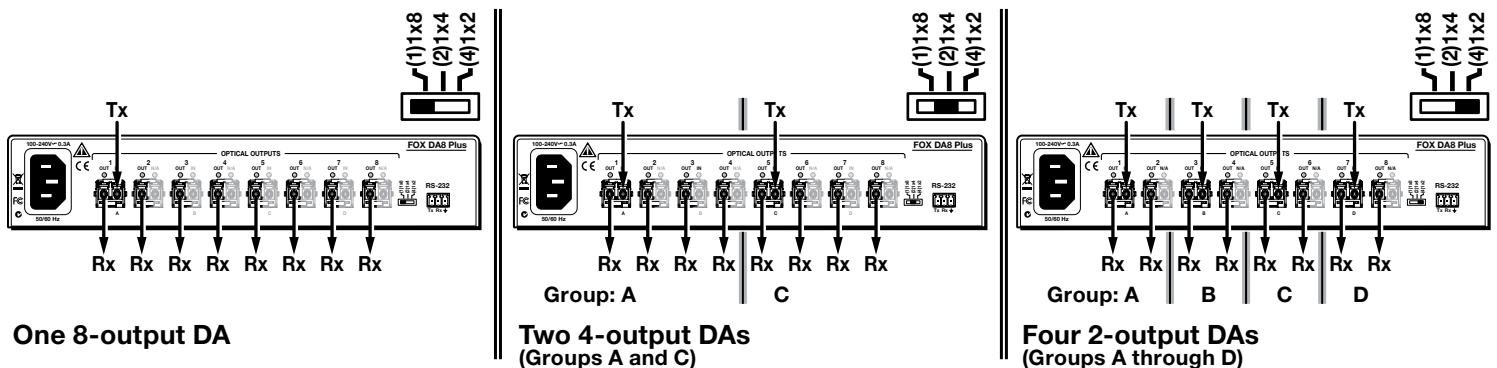
Installation

Step 1 — Mounting

Turn off or disconnect the power sources to all equipment and mount the FOX DA8 Plus as desired.

Step 2 — Configuration

Set the rear panel DA configuration switch to configure the unit as either one 8-output DA, two 4-output DAs, or four 2-output DAs. See the drawing below.



Step 3 — Optical Inputs

Connect a fiber optic transmitter (or the maximum number of inputs as determined by the DA configuration switch position in step 2) to the FOX DA8 Plus rear panel input connector.

- NOTES:**
- Inputs 3, 5, and 7 (the right-hand connector on those transceiver blocks) are functional only when selected as an input using the DA configuration switch.
 - The right-hand connector for transceiver blocks 2, 4, 6, and 8 can never be functional.
 - Singlemode and multimode devices are not interchangeable. Ensure that you connect transmitting and receiving devices that are compatible with the FOX DA8 Plus.
 - Ensure that you use the proper fiber cable for your system. Typically, singlemode fiber has a yellow jacket and multimode cable has an orange or aqua jacket.

Step 4 — Optical Outputs

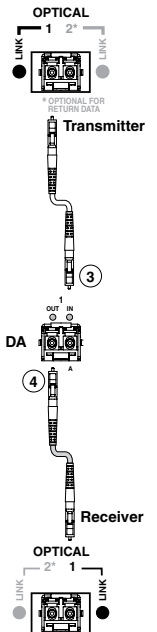
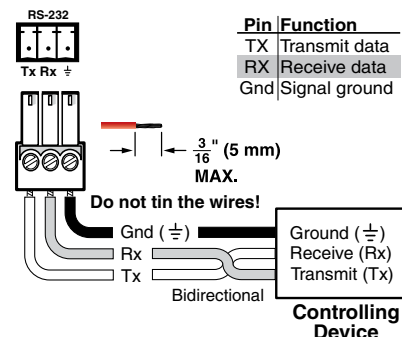
Connect up to eight fiber cables between the FOX DA Output LC connectors (the left-hand connector on each transceiver block) and compatible receivers.

Step 5 — Remote Control Connections

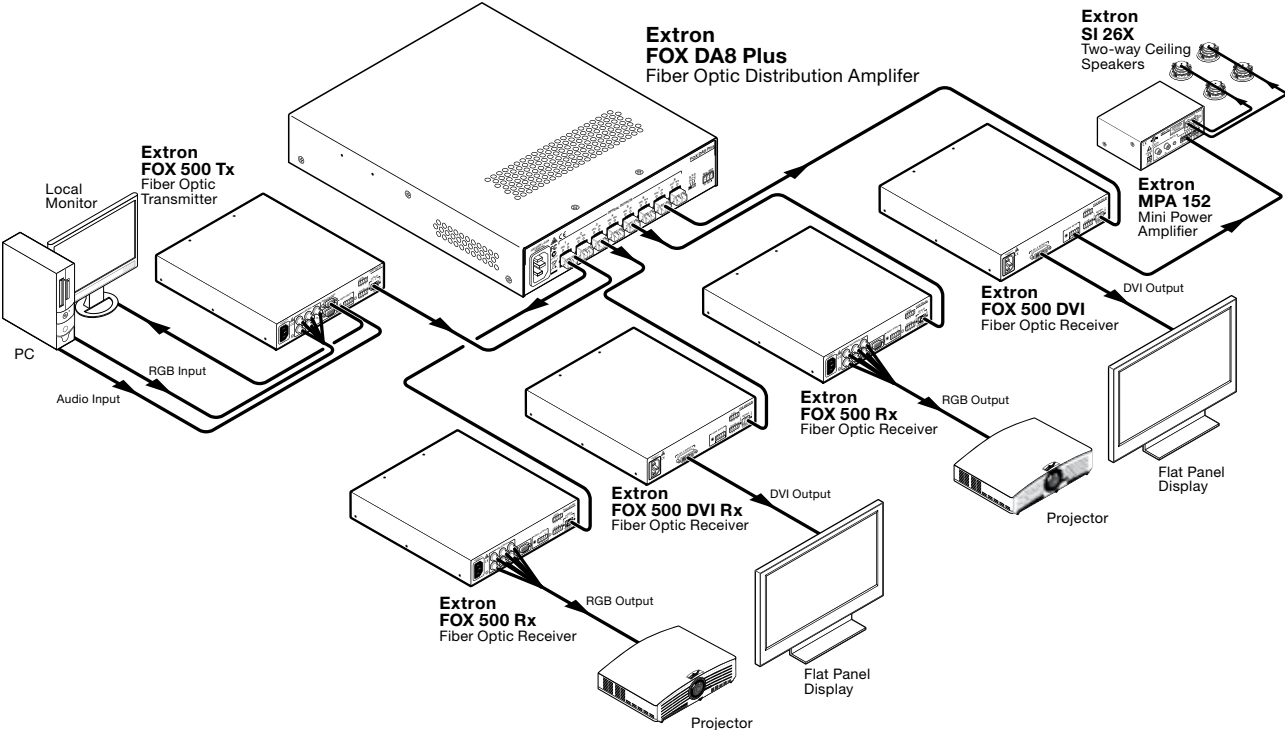
- Connect a host device to the rear panel RS-232 port. See the drawing at right to make the connection.
- Connect a host device to the front panel Config(uration) port, a mini USB port.

Step 6 — Power

Use a standard IEC power cord to connect the FOX DA8 Plus power connector and a 100 VAC to 240 VAC, 50-60 Hz power source.



FOX DA8 Plus • Setup Guide (Continued)



Selected SIS Commands

The table below is a partial list of SIS commands the you can use to mute outputs and configure the input reclockers. For a complete listing, see the *FOX DA8 Plus User Guide*. Run the commands from a PC connected to the RS-232 port or the Configuration (USB) port.

Command	ASCII Command (Host to Unit)	Response (Unit to Host)	Additional Information
Mute or unmute one output	X1*X2B	VmtX1*X2↵	X1 = output, X2 = 0 (mute off) or 1 (mute on).
Show mute status of an output	X1*B	X2↵	X1 = output, X2 = 0 (mute off) or 1 (mute on).
Mute or unmute all outputs	X2*B	VmtX2↵	X2 = 0 (mute off) or 1 (mute on).
Set input reclocker mode	X3*X4=	RteX3*X4↵	X3 = 00 (all inputs), 01, 03, 05, or 07. X4 = 00 (bypass), 01 (1.25 Gbps), 02 (2.125 Gbps), or 03 (4.25 Gbps).
Show reclocker mode	X3=	X4↵	X3 and X4 are the same as for "Set input reclocker mode" command.

↵ = Carriage return and line feed • = space

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