



D800 Rear Panel



D800-Dante Rear Panel

Aviom's series of D800 A-Net® Distributors provides support for parallel connections of up to eight Pro16® devices, including the A360, A320, A-16II, and A-16R Personal Mixers, along with additional network connectivity options.

The standard D800 includes a Pro16e™ A-Net input, compatible with all Pro16 Series and Pro16e-capable devices. This input port also supports an A-Net Bridge input, allowing up to four synchronous Pro16 A-Net streams to be connected. Used in conjunction with the SB4 System Bridge and Pro16 A-Net console cards, the D800 can be used for sending up to 64 channels directly from a digital console to the Personal Mixers.

The D800-Dante A-Net Distributor adds connectivity for a Dante™ digital audio network, allowing up to 64 channels to be sent directly from a Dante audio network to A360 Personal Mixers. The D800-Dante may be set to use either its Dante interface or its A-Net In as the source of audio for the Personal Mixers. The D800-Dante is ideal for connecting Aviom Personal Mixers to a Yamaha® CL and QL Series consoles and Rio I/O racks.

All versions of the D800 A-Net Distributor include a Mixes Out port for the A360's Network Mix Back™ feature. The D800 creates a 16-channel Pro16e A-Net stream comprised of the eight stereo mixes from connected A360 Personal Mixers. No setup or routing is required at the D800 or the A360. By connecting the Mixes Out port on the D800 to an AN-16/o v.4 Output Module, these stereo mixes can be connected to the transmitter units for the musicians' wireless in-ear monitors, eliminating the need for analog cables from the A360s to the transmitters and keeping all analog connections off stage. On the D800-Dante, Network Mix Back audio is also available to the Dante network.

All versions of the D800 include a rear-panel Ethernet port, which can be connected to a standard Wi-Fi router. By connecting an iOS device—Apple® iPhone®, iPod touch®,

PRODUCT HIGHLIGHTS

- Distributes power and audio to up to eight A360, A320, A-16II, and A-16R Personal Mixers
- One Pro16e A-Net In supports A-Net Bridge input from up to four synchronous Pro16 A-Net streams
- Network Mix Back for streamlined connections to wireless IEM transmitters
- Ethernet support for iOS devices over Wi-Fi
- One Pro16e A-Net Out for thru connections
- Heavy-duty locking connectors for all audio connections

The D800-Dante adds

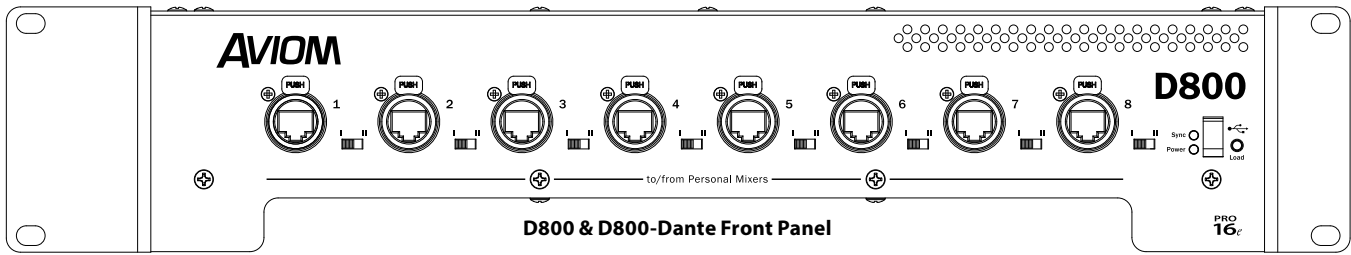
- Direct connectivity to a Dante™ audio network
- Support for up to 64 Dante network channels

or iPad®—to the Wi-Fi network, musicians can extend the user interface of their A360 onto their device's touchscreen by using the free A360 Display app.

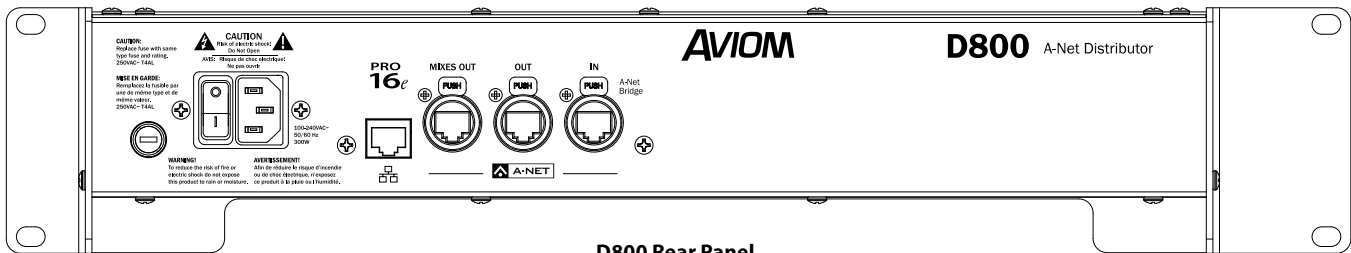
The 2U D800 is powered by an internal switching power supply, with a detachable power cord and IEC power inlet on the rear panel. Isolated (floating ground) DC power is supplied to eight A-Net outputs for providing remote power via Cat-5e to Personal Mixers. All network connections on the D800 use heavy duty locking RJ45 connectors.

An unlimited number of D800 and D800-Dante A-Net Distributors can be used in an A-Net network, and all versions of the D800 are compatible with all Pro16 Series devices.

D800 A-NET DISTRIBUTOR

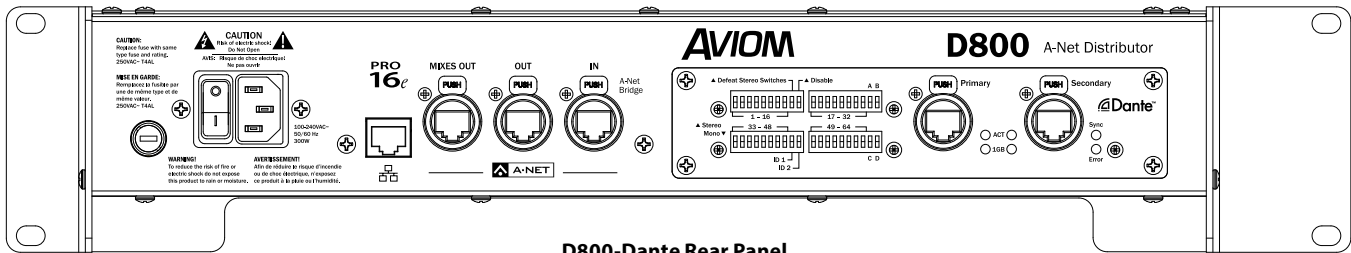


D800 & D800-Dante Front Panel



D800 Rear Panel

D800-DANTE A-NET DISTRIBUTOR



D800-Dante Rear Panel

D800 A-NET DISTRIBUTOR SPECIFICATIONS

A-Net Input	Pro16e A-Net; EtherCon RJ45 connector; Supports A-Net Bridge input
A-Net Out	Pro16e A-Net; EtherCon RJ45 connector, unpowered
A-Net Mixes Out	Pro16e A-Net; EtherCon RJ45 connector, unpowered; provides up to 16 channels of mix data from up to 8 A360 Personal Mixers
Ethernet	One RJ45 connector
A-Net to/from Personal Mixers	Eight locking RJ45 connectors, powered 2-position switch (I/II) accommodates A320, A-161I (I) and the bidirectional A360 Personal Mixer (II)
LEDs	Power On (red); Sync (green)
USB	Used for firmware updates
Pro16 A-Net Support	Transmits 16 channels of digital audio to A-161I and A-16R Personal Mixers
Pro16e A-Net Support	Transmits up to 64 channels of digital audio to A320 and A360 Personal Mixers

Output Voltage for Personal Mixers	24VDC, 0.5 amp Transmitted over the Cat-5e cable
Power Supply	Internal, universal switching type, IEC connector
Input Voltage	100-240VAC, 50-60Hz, 300W
Dimensions	19" (482.6 mm) wide x 14.25" (362 mm) deep; 2U, 3.5" (88.9 mm) high
Weight	12.0 lbs (5.44 kg)

D800-DANTE A-NET DISTRIBUTOR SPECIFICATIONS

<i>All the features of the D800 plus:</i>	
Dante Primary I/O	EtherCon RJ45 connector
Dante Secondary I/O	EtherCon RJ45 connector
Stereo Link	Four DIP Switch blocks; used to set up to 32 channel pairs as stereo links
LEDs	Error (red); Sync (green); 1GB Active (red); Network Activity (green)

