

## Director M4800D

8-Channel High Power  
DSP Matrix Amplifier  
with Dante



MAKING GOOD SOUND GREAT

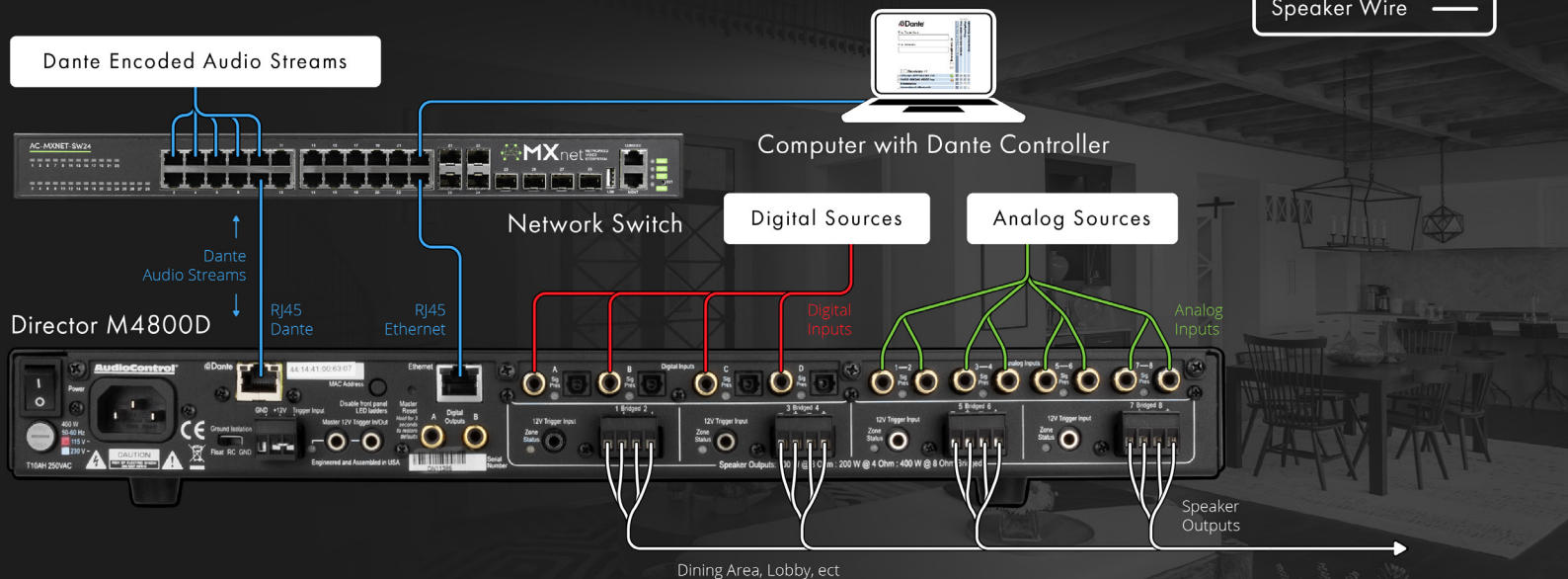
The Director 4800D is a highly scalable Dante-enabled amplifier platform, capable of supporting a 128 x 128 Dante audio matrix. It features comprehensive DSP audio processing for each output, allowing complete customization for any installation. With its matrix DSP, the system provides seamless flexibility, enabling any source to be routed to any zone effortlessly—eliminating the need for external matrices or tools to optimize sound for diverse room environments.

Dante integration offers unmatched scalability, making any source connected to the M4800D accessible to all other Dante-enabled devices in the installation. This allows for seamless sharing of connected sources across all AudioControl Dante-enabled amplifiers.

As a high-power amplifier, the Director 4800D delivers up to 200 watts per zone, with all channels driven, ensuring exceptional performance even in the most demanding speaker setups and installation environments.

## Director M4800D Dante Connection Diagram

- Coaxial Cable —
- RCA Cable —
- Category 5e —
- Speaker Wire —



# SPECS

## INPUTS

Digital Inputs: 4 Stereo Analog Local Inputs  
Analog Inputs: 4 Coaxial/TOSLINK S/PDIF Inputs  
Dante Inputs: 16 channels (Broadway chipset)  
Input Sensitivity: 1 Vrms for full output, level at maximum

## OUTPUT

Amplifier Channels: 8  
Power Output 8Ω: 100 W per channel  
Power Output 4Ω: 200 W per channel  
Power Output (8 Ω Bridged Mono): 400 W  
Minimum Speaker Load : 4 Ω  
Preamp Outputs : 2 Coaxial Digital S/PDIF BUS Outputs  
Dante Outputs – 16 channels (Broadway chipset)

## PERFORMANCE

Signal to Noise Ratio: >95 dB, A-wtd, ref full output  
DAC Specifications: 32 to 96 kHz sample rate, 16-/24-bit depth

## CONTROL

12 Volt Trigger Inputs: +12 VDC or Dry Contact Closure  
IP Control : 10Base-T Ethernet TCP/IP  
Communication Protocol: HTTP or Telnet

# FEATURES

- Dante Enabled Network DSP Matrix Amplifier With Volume Control
- 16 x 16 Dante chip
- 16 Channels x 100 Watts into 8 Ohms, 200 watts into 4 ohms (All Channels Driven)
- 8 Bridgeable Channels of 400 Watts into 8 Ohms
- Built-In Speaker Optimization Profiles
- Configurable crossovers, 6 band graphic EQ, 8 band Parametric EQ for all zones
- Digital Signal Sense
- Full IP control - compatible with all Control systems
- Built in matrix capability – any input can route to any output
- 4 stereo digital inputs, 4 stereo analog inputs – all accessible by the Dante network

## AC POWER REQUIREMENTS

Standby: <1.9 Watts  
Idle (main power on, all channels off): 41 watts  
All channels active:  
All channels 1/8th rated power: 186 watts  
Full power (20 A residential service limited): 1800 watts

## BTU/HR OUTPUT

Standby: 6.5 BTU/hr  
Idle (main power on, all channels off): 140 BTU/hr  
All channels 1/8th rated power: 270 BTU/hr  
Full power (20 A residential service limited): 1560 BTU/hr

## WEIGHT AND DIMENSIONS

Dimensions: 17" W x 15.5" D x 1.75" H (1 RU)  
Weight: 16.5 lbs. (9.5 kg)

## IN THE BOX

The Director Model M4800  
Speaker Connectors  
Remote Connector  
Power Cord  
Manual



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