

DAM-128D

DIGITAL AUTOMATIC MIXER
WITH DANTE INTERFACE

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WITH DANTE INTERFACE

Product Specification



DAM-128D

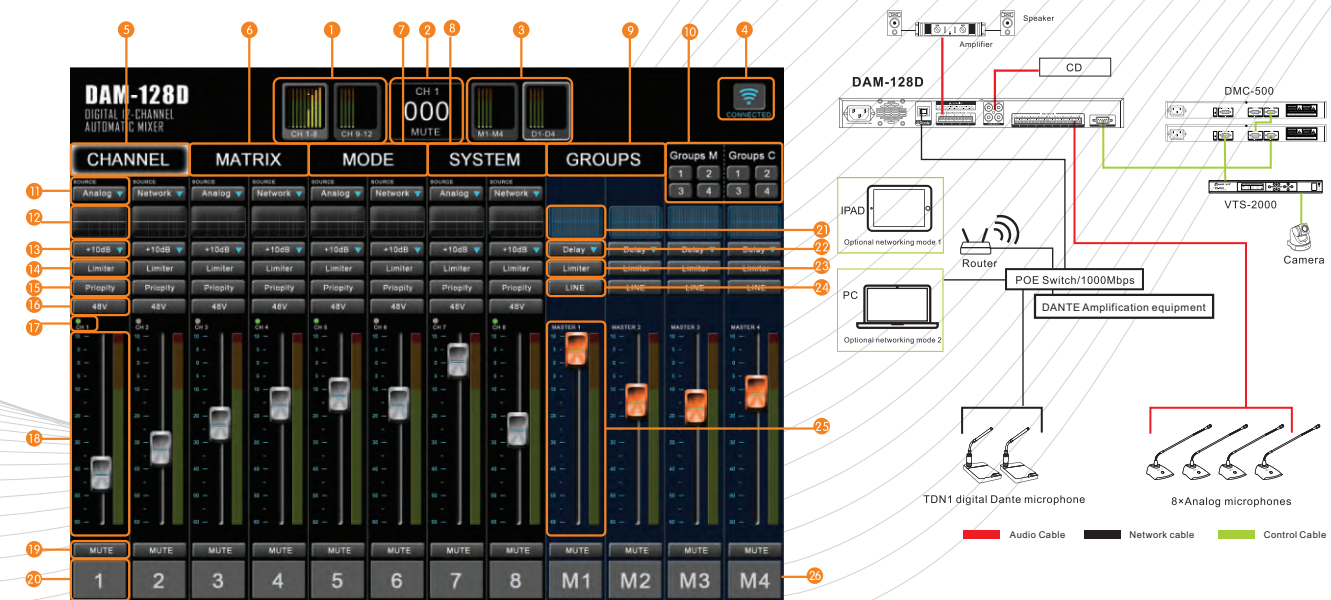
Digital Automatic Mixer
with Dante Interface

- EIA standard 1U metal chassis, professional and elegant.
- Equipped with handle, easy to lift or move.

Main Frame Size:	EIA Standard Rack 1U
Dynamic Range (20 Hz to 20 kHz, A-weighted, typical):	Analog-to-Analog : 100dB
Harmonic Distortion 1 kHz, +4 dBu out, mix output (MASTER) at +0 dB:	<0.05%
S/N(22 Hz - 22 kHz, RMS, A-Filter):	118dB
Common Mode Rejection Ratio 150Ω balanced source, at 1kHz:	>60 dB
Number of input channels:	MIC×8, Line×4, Dante×4
Maximum Input Level(Gain Max):	Mic:+6 dBV Line:+25dBV
Maximum Gain:	Mic:+65db Line:+20db
Number of output channels:	Analog×4, Dante×4
Maximum Output Level:	Line(+0):+21dbu MIC(-20):+1dbu
Dante Interface:	4×4
AD/DA Converter:	24bit, 48KHz
Internal Processing:	40-bit, floating point DSP
DSP Functions:	Input, output equalization, limiter, FBK, matrix control, threshold control, high and low pass filter
FRQ Range:	20Hz-20KHz
Phantom Power:	+48V/12mA
Network Interface:	10/100 Mbps Ethernet, Dante digital audio
Dimensions(mm):	410(W)×206(D)×43(H)
Weight:	Approximately 2.7 kg
Operating Temperature Range:	0 ~40°C

Computer control the software interface instruction

software interface: (as shown in Fig)



1. Input Channel Interface Switcher	14. Input Channel Compressor Setting Interface
2. Parameter Display(can input the current function parameter manually)	15. Input Channel Priority Function Switch
3. Output Channel Interface Switcher	16. Input Channel 48V Phantom Power Switch
4. Communication Connection Button and Status Display	17. Input Channel Working Status Display
5. Channel Page	18. Input Channel Volume Fader and Volume Display
6. Matrix Setting Page	19. Input Channel Mute Switch
7. Mixing Mode Setting Page	20. Input Channel Name Display
8. System Setting Page	21. Output Channel 31-band Graphic EQ page
9. Group Setting Page	22. Output Channel Delay Setting Button
10. Mute, Control, Group Function Switch	23. Output Channel Compressor Setting Page
11. Input Source Switch Menu	24. LINE Output Channel and Mic Output Switch
12. Input Channel 4-band Parametric EQ Setting Page	25. Output Channel Volume Fader and Volume Display
13. Input Channel Gain Setting	26. Channel Name (can edit output channel name)

Key Features

Powerful Function

- Through the use of TCP / IP connection to achieve computer PC software control and iPad software remote control settings of the parameters; Each channel can be set to priority, limiter adjustment;
- 4 - band parametric equalizer, frequency, Q value, amplitude adjustable;
- Shed filter set, to eliminate unnecessary noise in the band;
- Multi-stage frequency adjustable slope of the high and low pass filter, can show a better transient response;
- Support 8 microphone input channel with 48V phantom power supply independently, 4 MASTER analog output, 4 Dante audio or Dante microphone flexibly-switched input channel.

Intelligent Management

- Using TCP / IP connection, can be connected to special software to achieve the remote control of the conference system, remote diagnosis and upgrade.

Flexible Expansion

- Built-in Ethernet version of the DANTE™ digital audio card, can connect the mixer to any DANTE™ device
- The RS-232 interface can be used to connect central control equipment and camera tracking system.

Independent Channel Digital Process

- With 12 independent working channels, each channel output can be independently adjusted gain, do not interfere with each other, multi-functional intelligent meeting digital auto matic mixer.
- Independent configuration FBK, NOMA function
- All-digital signal processing, built-in high, low-pass filter, limiter, 12*8 matrix and so on. The basic use of the operation connected to the computer with proprietary control software, each channel can be detailed settings and adjustments.
- 12-channel input and 8-channel output with DANTE, analog and digital mixing matrix control, suitable for a wider range of application.

Application:

