

Technical parameters:

- 1.*DANTE network audio amplifier
- 2.* Input audio source: Analog, pink noise, white noise, sine wave
- 3.* Input volume: Mute, phase, level detection
- 4.* With FIR phase correction function
- 5.* Input EQ: 31-segment parametric equalization
- 6.* Input noise gate: Start time 1 to 2895ms, release time 1 to 2895ms, start level -120 dbu to -60 dbu
- 7.*DSP matrix: 4*4 matrix
- 8.* Output EQ: 10-band parametric equalization
- 9.* Crossover: Butterworth, Bessel, Linkwitz slope 6~24
- 10.* Delay: Input 4*80ms, output 20ms;
- 11.* Output compressor: Soft inflection point, start level, start time, compression ratio, release time
- 12.* Output limiter: Start level -90 dbu to 21dBu, release time 1 to 2895ms
- 13.* Output volume: Mute, phase, level detection
- 14.*DSP presets: 30 preset positions
- 15.* Control mode: TCP/IP, USB, RS485, RS232
16. Network specifications: TCP/IP, 1000base-T/100base-TX, RJ45
- 17.* Number of channels: 4 DANTE channels for switching 4 analog XLR inputs/outputs
- 18.* Power: 4*1000W@8Ω 4*1600W@4Ω
- 19.* Bridge power: 2*3200W @ 8Ω
20. Minimum output impedance: 4Ω per channel, 8Ω in bridge mode
- 21.* Input interface: Balanced input 4*XLR; Phoenix terminal input *4
- 22.*RJ45 ports: 2 RJ45 ports support hand-in-hand connection, single-port support for control and Dante transmission
23. Output interface: Terminals *4
24. Cooling: Dual-fan smart control
- 25.* Gain: 6dB Sensitivity: 30dB (29.5x); 0dB sensitivity: 36dB (31.1 times)
26. Maximum input level: 6dB Sensitivity: 16dBu (4.9V)
- 27.* Signal-to-noise ratio: 6dB sensitivity: 94dB; 0dB sensitivity: 94dB
28. Frequency response: 20Hz to 20kHz (± 0.5 dB)@1W, 8Ω
- 29.*THD+N: <0.1%@1W to full power
- 30.* Sampling rate: 48K/24bit
31. Channel isolation: <-70dB
32. Working modes: stereo, Bridge, mono, Free matrix
- 33.* Remote control: Remote power on, standby, DSP monitoring
- 34.* Power amplifier monitoring: temperature, power, voltage, current
- 35.* Constant voltage and constant resistance: 100V, 70V, 8 ohms, 4 ohms
- 36.* Display: 4.3-inch IPS capacitive touch screen
37. Sound source topology: XLR Line-out
38. Protection: Audio limiter, high temperature, DC, high frequency, short circuit, back electromotive force, peak current limiter, surge current limiter, startup delay, power circuit breaker protection, power overvoltage/undervoltage protection
- 39.* Operating information: With color LCD display, it can be displayed intuitively without manual adjustment: overall temperature of the device, input sensitivity, mute status display, level display, panel function can be set to lock screen to prevent misoperation, and has overload prompt, and will dominate the screen to display alarm information when the input signal is overloaded.
- 40.* Software functions: PC software remote management function, supports USB, TCP/IP, RS232, RS485 interface connection of the device, DSP and status monitoring, call function, supports 30 preset scenarios, the whole machine and channel parameters can be stored and called independently.
- 41.* Display: Key information such as temperature, power, voltage, current, impedance, gain, phase, etc.
- 42.* Input sensitivity adjustable in two levels 0dBu/6dBu, software or color LCD screen Settings
43. Software management function: Cascade control up to 257 machines, simultaneous control of active speakers, audio manager, and audio processor.
44. Extended functions: Supports access to the Internet of Things (IoT) management cloud platform of the same manufacturer's audio and video system, which uniformly manages all audio devices and alerts for abnormal status to ensure normal and stable operation in daily use;
- 45.* Power supply: Wide voltage operation, 180-264VAC / 64VAC