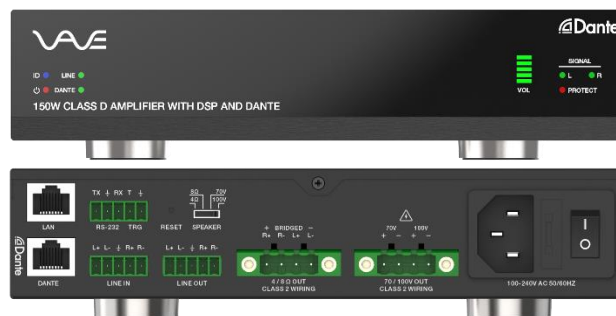


AVIP-AM-150-DAN

150W Amplifier

FEATURE:

- Dante 2CH digital audio, balanced or unbalanced line level analog inputs
- Dante 2CH digital audio, balanced or unbalanced line level analog and AMP outputs
- Built-in audio DSP processor
- Switching between Lo-Z and Hi-Z can be achieved to adapt to various types of speaker installation.
 - In Lo-Z output mode, single-channel 150 Watt or two-channel 2 x 75 Watt 4 Ω /8 Ω can be selected
 - In Hi-Z output mode, single-channel 150 Watt with 70V/100V can be selected.
- Independent input gain, output EQ and volume control
- 48KHz sampling rate, 24bit independent A/D and D/A converters
- 5-12V trigger input
- Auto standby
- Flexible control via RS-232, LAN and Web GUI
- Half rack design/one rack design



AVIP-AM-150-DAN

This product is designed as a two-channel amplifier using class D amplifier technology. It can be used for powering low impedance (4 Ω /8 Ω) stereo systems with a maximum power of 2 x 75 Watt, while bridging to a constant voltage (100V and 70V) is possible with a maximum output power of 150 Watt. It features Dante 2CH digital inputs and outputs, and balanced or unbalanced line level analog inputs and outputs.

This amplifier can be controlled via RS-232, LAN and Web GUI. It also features built-in DSP, auto-standby and maximum durability. It is suitable for a vast range of AV installations.



Audio

150W Amplifier



SPECIFICATIONS:

Technical

Input	1x Dante Network audio input 1x LINE balanced stereo 0dBu/10k Ω input
Output	1x Dante Network audio output 1x Stereo or constant voltage 70V/100V speaker output 1x LINE balanced stereo output
Input Sensitivity	Full power@0.775V (0dBu)
Output Power	DC power supply: 2x 75W@4 Ω /8 Ω ; 1x 150W@8 Ω ; 1x 150W@70V/100V
Maximum Voltage Gain	27 - 30dB SE/39 - 42dB BTL
Amplifier Type	Class D
Frequency Response	20Hz - 20kHz @ \pm 3dB
Signal to Noise Ratio	87dB, 20Hz - 10kHz
THD+N	THD+N (1KHz@1W) 0.04%
Control	RS-232, Web GUI
Audio Format	LINE IN [Analog audio, Balanced 2CH, Max input level 2VRMS] LINE OUT [Analog audio, Balanced 2CH, Max output level 2VRMS] DANTE [Digital audio 2x2 in/out, PCM 2CH 44.1K-96KHz 16/24Bit] AMP OUT [Analog audio, Balanced 2CH, Max output level 24.5VRMS] 70V/100V AMP OUT [Analog audio, Unbalanced 1CH, Max output level 70V/100VRMS]
ESD Protection	Human-body Model: \pm 8kV (Air-gap discharge) , \pm 4kV (Contact discharge)

Connections

Input	1x LINE IN [5pin-3.81mm Phoenix Connector] 1x DANTE [RJ45 connector]
Output	1x LINE OUT [5pin-3.81mm Phoenix Connector] 1x 4/8 Ω AMP OUT [MSTB 2.5-GF-5.08, 4-pin locking phoenix, 5.08mm] 1x 70V/100V AMP OUT [MSTB 2.5-GF-5.08, 4-pin locking phoenix, 5.08mm]
Control	1x RS-232/TRG [5pin-3.81mm phoenix connector] [TRG: 5-12V trigger input to turn on/off the amplifier] 1x LAN [RJ45 connector]

Mechanical

Housing	Front panel: Aluminum; Rear case: Metal Enclosure
Color	Black
Dimensions	240mm [W] \times 210mm [D] \times 44mm [H]
Weight	1.88Kg
Power Supply	DC Input: AC100 - 240V 50/60Hz
Power Consumption	240W (Max)
Operating Temperature	0 $^{\circ}$ C ~ 40 $^{\circ}$ C / 32 $^{\circ}$ F ~ 104 $^{\circ}$ F
Storage Temperature	-20 $^{\circ}$ C ~ 60 $^{\circ}$ C / -4 $^{\circ}$ F ~ 140 $^{\circ}$ F
Relative Humidity	20%-90% RH (non-condensing)