

NETWORK CONNECTSERIES

2 channel amplifiers

Connect 352	2 x 350 WRMS @ 4Ω, 8Ω, 70V, 100V (175W at 2Ω)	€ 1.290,00
Connet 702	2 x 700 WRMS @ 4Ω, 8Ω, 70V, 100V (350W at 2Ω)	€ 1.850,00

4 channel amplifiers

Connect 84	4 x 80 WRMS @ 4Ω, 8Ω, 70V, 100V (40W at 2Ω)	€ 1.480,00
Connect 164	4 x 160 WRMS @ 4Ω, 8Ω, 70V, 100V (80W at 2Ω)	€ 1.670,00
Connect 354	4 x 350 WRMS @ 4Ω, 8Ω, 70V, 100V (175W at 2Ω)	€ 1.850,00
Connect 704	4 x 700 WRMS @ 4Ω, 8Ω, 70V, 100V (350W at 2Ω)	€ 2.410,00

8 channel amplifiers

Connect 88	8 x 80 WRMS @ 4Ω, 8Ω, 70V, 100V (40W at 2Ω)	€ 2.180,00
Connect 168	8 x 160 WRMS @ 4Ω, 8Ω, 70V, 100V (80W at 2Ω)	€ 2.550,00

DANTE CONNECTSERIES

2 channel amplifiers

Connect 352D	2 x 350 WRMS @ 4Ω, 8Ω, 70V, 100V (175W at 2Ω)	€ 1.850,00
Connet 702D	2 x 700 WRMS @ 4Ω, 8Ω, 70V, 100V (350W at 2Ω)	€ 2.220,00

4 channel amplifiers

Connect 84D	4 x 80 WRMS @ 4Ω, 8Ω, 70V, 100V (40W at 2Ω)	€ 2.040,00
Connect 164D	4 x 160 WRMS @ 4Ω, 8Ω, 70V, 100V (80W at 2Ω)	€ 2.220,00
Connect 354D	4 x 350 WRMS @ 4Ω, 8Ω, 70V, 100V (175W at 2Ω)	€ 2.410,00
Connect 704D	4 x 700 WRMS @ 4Ω, 8Ω, 70V, 100V (350W at 2Ω)	€ 2.970,00

8 channel amplifiers

Connect 88D	8 x 80 WRMS @ 4Ω, 8Ω, 70V, 100V (40W at 2Ω)	€ 2.740,00
Connect 168D	8 x 160 WRMS @ 4Ω, 8Ω, 70V, 100V (80W at 2Ω)	€ 3.110,00

Audio Specifications

Analog Inputs	Balanced Analog Inputs with user selectable 26 dB and 34 dB input sensitivity, (2 channel products have 2 inputs, 4 channel products have 4 inputs, 8 channel products have 8 inputs)
Dante / AES67 inputs	8 x 8 Dante at 96kHz or 48kHz, Multicast or Unicast AES 67: Configurable via the Dante Controller Software
THD + N	0.1% (20Hz to 20kHz)
Frequency Response	+/- 0.5 dB @ 4Ω, 8Ω, 70V, 100V, -2.5dB @ 20kHz at 2Ω
Signal to Noise	105dB (20Hz to 20kHz referenced to 8Ω)
Crosstalk	70dB (20Hz to 20kHz)
I/O Latency	1 ms DSP Latency under any condition
Load Impedance	LowZ down to 2 ohms, 70V direct, and 100V Direct per channel
Amp Classification	Class D with Proprietary Smart Power Bridge Technology allowing bridged output functionality without sacrificing an amplifier channel
DC Offset	+/- 3mV

DSP

DSP Architecture	Analog Devices Sigma 96kHz DSP Processor with 32-bit Core with Sample Rate Converters
Input Matrix	Routable matrix; any input to any output with primary and secondary input priority
Crossovers	Up to 48 dB/Octave IIR Filters (Linkwitz Riley and Butterworth)
Parametric EQ	8 Band Parametric EQ per channel
Output Delay	100ms per channel
Output Protection	DC, VHF, and AC Mains Protection, Overtemp and Current Limiter, fan fault detection
User Adjustable Limiting	Peak Voltage and RMS Voltage
Load Monitoring and Pilot Tone	Load Monitoring and Pilot Tone Detection from Internal or External Sources

Control, Monitoring, & Network

Network Connection	WiFi or 100MB Ethernet with PoE or Built in WiFi Access Point (IEEE 802.11 b/g/n WPA, WAP2, WEP)
User Interface	Web Browser User Interface or 3rd Party API control (Q-Sys coming soon)
Operating Systems	MAC, iOS, PC, Android
Event Reporting	User Downloadable and Viewable Event and Fault log – POE allows for enhanced error monitoring
External I/O	External I/O In: Toggles Remote On/Off External I/O Out: Indicates Amplifier Health
Cloud IoT	Cloud based IoT functionality coming Dec 2019

Operation

AC Mains	100VAC – 240VAC +/- 15% 50Hz or 60Hz
Temperature	Storage: -20°C to 90° C, Operating: 0°C to 60° C
Power Supply	Universal Switch Mode Power Supply with Power Factor Correction (No PFC in 88, 84, 164 and 168)
Safety Approvals	UL, CSA, CE, ETL, FCC, CCC, KETI, NOM, ROHS, PSE

Physical Specifications

Product Dimensions (LxWxH)	14.25" x 19" x 1U (362mm x 482mm x 1U)
Shipping Dimensions (LxWxH)	20" x 22.75" x 3.75" (508mm x 578mm x 95.25mm)
Weight	Product 15.5 lbs / 7kg Shipping Weight 20 lbs / 9.1 kg
Cooling	Front to Rear Variable Speed Fan Cooling – Fan Noise at idle is 50dB @ 1m, Fan Noise at 50% is 57dB @1m, Fan Noise at full speed is 63dB @ 1m

Connectors

Analog Input: 3 pin Amphenol Anytek, Output: 2 pin Amphenol Anytek, External IO: 3 pin Amphenol Anytek, Power in: IEC, Ethernet RJ45 In for Control, Primary and Secondary RJ45 in for Dante (only Dante version) rear panel	
External IO: 3 pin Amphenol Anytek, Power in: IEC, Ethernet RJ45 In for Control	

***Note: 88, 84, 164 and 168 do not have potentiometers on the rear panel