

POWER SUPPLY

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|---|-----------------------|
| Nominal power supply voltage / fuse: | 11 ÷ 15 VDC / 2 x 30A |
| Pulse operating voltage: | 6.5 ÷ 17.5 VDC |
| Idling current: | 1.68 A |
| Standby current draw: | 1.7 mA |
| Consumption @ 14.4 VDC, Minimum load impedance (Max Musical Power): | 45 A |
| Remote IN: | 4 ÷ 15 VDC (1 mA) |
| Remote OUT: | 6.5 ÷ 15 VDC (150 mA) |
| ART - Automatic Remote Turn on/off from Speaker-In | 1.5 VDC |
| Efficiency @ rated power (RMS) @14.4 VDC, 1% THD,4Ω, All Channels: | 80% |

AMPLIFIER STAGE

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| Distortion - THD+N @ 1 KHz, 4Ω, 70% Rated Power: | 0.03% |
| Damping factor @ 1 kHz, 4Ω, 2 VRMS: | 80 |
| Bandwidth @ -3 dB: | 10 Hz ÷ 42 kHz |
| S/N ratio (A weighted @ 1 V Input, Rated Power) Master Input: | 98 dBA |
| S/N ratio (A weighted @ Rated Power) Optical Input: | 105 dBA |
| Minimum load impedance: | 12Ch: 2Ω 6Ch - (Bridge 1/2; 3/4; 5/6; 7/8; 9/10; 11/12): 4Ω |
| Output Continuous Power (RMS) @14.4 VDC, 1% THD: | |
| • 12 Ch @ 4Ω: | 60 W x 12 |
| • 12 Ch @ 2Ω: | 90 W x 12 |
| • 4Ch (Bridge 1/2; 3/4; 5/6; 7/8; 9/10; 11/12) @ 4Ω: | 180 W x 6 |

CEA SPECIFICATIONS

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| Output power @ 4Ω, 1% THD+N, 14.4 V: | 45 W |
| SN ratio (ref. 1 W output): | 78.5 dB |

INPUTS / OUTPUTS

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| Pre-In (8 Ch): | 0.6 ÷ 6 VRMS (15 kΩ Imp.) |
| Speaker-In (8 Ch + additional 4 Ch with optional extension): | 2.2 ÷ 22 VRMS (5 Ω Imp.) |
| Digital IN: | 1 x Optical S/PDIF; Max 192 kHz / 24 bit + 1 x Optical/Coaxial S/PDIF with Optional extension |
| DSP Preout (2 Ch): | 5V RMS |

DIGITAL SIGNAL PROCESSOR

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|---|---|
| Audio DSP and converters: | Analog Devices ADAU1467 automotive qualified audio processor. Processing @ 96 kHz. Analog Devices 3 x ADAU1978 (4ch) and ADAU1966A (16ch) A/D and D/A converters (24 bit/192 kHz) providing very high level performance. |
| Filter type: | Full / High-Pass / Low-Pass / Band-Pass |
| Filter mode and slope: | Linkwitz-Riley @ 12/24/36/48 dB/Oct. Butterworth @ 6/12/18/24/30/36/42/48 dB/Oct. Bessel @ 6/12/18/24/30/36/42/48 dB/Oct. Chebyshev @ 6/12/18/24/30/36/42/48 dB/Oct. QLP @ 6 dB/Oct. |
| Crossover frequency: | 20 Hz ÷ 20 kHz |
| Phase control: | 0° / 180°, All-Pass filters |
| Analog Input Equalizer (20 Hz ÷ 20 kHz): | 12 Biquad + Delay |
| Output Equalizer: | Parametric/Graphic Biquad: 15 poles, 20 Hz ÷ 20 kHz |
| Input and Output Real Time Audio Monitor: | RTA |
| Time Alignment Distance: | 0 ÷ 510 cm / 0 ÷ 200.8 inches |
| Time Alignment Delay: | 0 ÷ 15 ms |

CONTROL CONNECTIONS

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|--------------------|---|
| Audison DRCC port: | Input for DRCC remote control (Optional) |
| Audison ADC port: | Manage other Audison devices that support this standard |
| Control 1 wire: | Customizable functions (+ 12 V activated) |
| Control 2 wire: | Customizable functions (+ 12 V activated) |

GENERAL REQUIREMENTS

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| PC connections: | Micro USB 1.1 / 2.0 / 3.0 Compatible |
| Software/ PC requirements: | Windows 10, Windows 11 (min. res. 1024 x 768) |
| Ambient operating temperature range: | 0 °C to 55 °C (32 °F to 131 °F) |

SIZE / WEIGHT

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|-------------------------------|-------------------------------------|
| Max size W x H x D (mm/inch): | 240 x 47 x 156 / 9.44 x 1.85 x 6.14 |
| Weight (kg/lb): | 2.04 / 4.49 |