

SP 4.900

D-CLASS FOUR CHANNEL AMPLIFIER
1000 W



| POWER SUPPLY | |
|--|-------------------|
| Nominal power supply voltage | 11 ± 15 VDC |
| Pulse Operating voltage | 6 ± 16 VDC |
| Idling current | 1.1 A |
| Idling current when off | 0.03 mA |
| Consumption @ 14.4 VDC, MIN load impedance (Max Musical Power) | 50 A |
| Remote IN | 6 ± 15 VDC (9 mA) |
| DC-REM - Remote Turn on by SPK DC from OUTPUT BTL speakers | 3.5 ÷ 7 VDC |

| AMPLIFIER STAGE | |
|---|---------------------------------|
| Distortion - THD @ 1 kHz, 40, 70% Rated Power | 0,02% |
| Damping factor @ 1 kHz, 40, 2 VRMS | 200 |
| Bandwidth @ -3 dB | 10 Hz ÷ 35 kHz |
| S/N ratio (A weighted @ 1 V Input) | 105 dBA |
| Pre-In sensitivity | 0.6 ÷ 6 VRMS |
| Speaker-In sensitivity | 2.2 ÷ 22 VRMS |
| Minimum load impedance | @ 4Ch: 2Ω |
| | @ 3Ch: 2Ω + 2Ω + 4Ω |
| | @ 2Ch: 4Ω |
| Output power (RMS) @14.4 VDC, 1% THD: | |
| 4Ch | 160 W x 4 (4Ω) |
| 4Ch | 250 W x 4 (2Ω) |
| 3Ch | 160 W x 2 (4Ω) + 500 W x 1 (4Ω) |
| 3Ch | 250 W x 2 (2Ω) + 500 W x 1 (4Ω) |
| 2Ch | 500 W x 2 (4Ω) |

| CEA SPECIFICATION | |
|---------------------------------------|--------------|
| Output power @ 4Ω 1% THD+N, 14.4 V | 145 W x 4 Ch |
| SN ratio (ref. 1 W output) | 81 dBA |

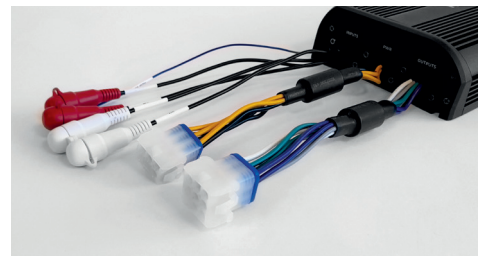
| INPUTS / OUTPUTS / FILTERS | |
|------------------------------|--|
| Inputs | Pre IN / Speaker IN |
| Ch 1-2 Filters: | Full Hi-pass: 50 ÷ 5k Hz @ 12 dB/Oct. Lo-pass: 50 ÷ 5k Hz @ 12 dB/Oct. |
| Ch 3-4 Filters: | Full Hi-pass: 50 ÷ 5k Hz @ 12 dB/Oct. Lo-pass: 50 ÷ 5k Hz @ 12 dB/Oct. |
| Bass Boost 45Hz (adjustable) | OUT 3 -4 (0 ÷ 8 dB) [LP = ON only] |

| GENERAL | |
|-----------------------------|----------------------------|
| IP Rating | IP55 |
| Operating Temperature Range | 0°C (32°F) to 55°C (131°F) |

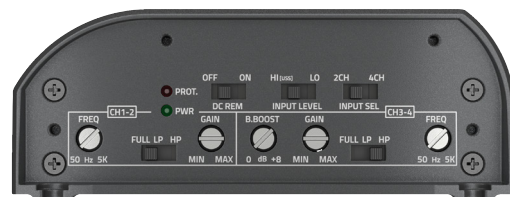
| SIZE / WEIGHT | |
|--------------------|---|
| Max size (mm/inch) | 211.6 x 130 x 49 / 8.33 x 5.118 x 1.929 |
| Weight (kg/lbs) | 2.15 / 4.74 |



1. Up to 87% efficiency thanks to ADC (Advanced D-Class) output stage
2. USS (Universal Speakers Simulators) allows SP 4.900 to work with head units featuring the "speaker load detection" circuit
3. 160 W RMS x 4 (4Ω) with ultra-compact size 211.6 x 130 x 49 / 8.3 x 5.1 x 1.9 (mm/inch)
4. IP55 aluminium chassis for maximum protection against humidity and external agents
5. No cooling fan to prevent internal accumulation of dirt
6. Sealed power cord, line inputs and speaker outputs to prevent oxidation
7. Crossovers filters and controls on a single side to facilitate calibration when the product is installed



Sealed connectors



Maximum versatility

