

SP 1.900

D-CLASS MONO 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 BTL speakers outputs | 3.5 ÷ 7 VDC |

| AMPLIFIER STAGE | |
|---|-----------------|
| Distortion - THD @ 1 kHz, 4Ω, 70% Rated Power | <0.1% |
| Damping factor @ 1 kHz, 4Ω, 2 VRMS | >300 |
| Bandwidth @ -3 dB | 10 Hz ÷ 500 kHz |
| S/N ratio (A weighted @ 1 V Input) | 95 dBA |
| Pre-In sensitivity | 0.6 ÷ 6 VRMS |
| Speaker-In sensitivity | 2.2 ÷ 22 VRMS |
| Minimum load impedance | 1Ω |
| Output power (RMS) @14.4 VDC, 1% THD: | |
| 1Ch | 600 W x 1 (4Ω) |
| 1Ch | 1000 W x 1 (2Ω) |
| 1Ch | 1000 W x 1 (1Ω) |

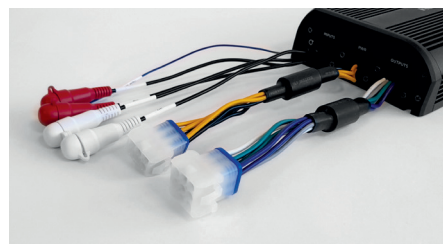
| CEA SPECIFICATION | |
|---|--------------|
|  Output power @ 4Ω 1% THD+N, 14.4 V | 500 W x 1 Ch |
| SN ratio (ref. 1 W output) | 81 dBA |

| INPUTS / OUTPUTS / FILTERS | |
|------------------------------|--|
| Inputs | Pre IN / Speaker IN OFF |
| Filters: | Lo-pass: 50 ÷ 250 Hz @ 24 dB/Oct. Subsonic: 25 Hz @ 24 dB/Oct. Phase: 0 ÷ 180° |
| Bass Boost 45Hz (adjustable) | (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 5.12 x 1.93 |
| Weight (kg / lbs) | 2.15 / 4.74 |

- Up to 87% efficiency thanks to ADC (Advanced D-Class) output stage, ensuring high audio performance in a compact size.
- USS (Universal Speakers Simulators) allows SP 1.900 to work with head units featuring the "speaker load detection" circuit.
- 1000 W RMS (1Ω) with ultra-compact size: 211.6 x 130 x 49 / 8.33 x 5.12 x 1.93 (mm / inch)
- IP55 aluminium chassis for maximum protection against humidity and external agents.
- No cooling fan to prevent internal accumulation of dirt.
- Sealed power cord, line inputs and speaker outputs to prevent oxidation.
- Crossovers filters and controls on a single side to facilitate calibration when the product is installed.
- Balanced fully differential high-noise rejection inputs.
- ART (Automatic Remote Turn-On/Off) automatically turns on/off the amplifier when the OEM head-unit turns on/off (can be enabled/disabled).
- 24 dB continuous adjustable (50 to 250 Hz) Lo-Pass subwoofer filter.
- SUBSONIC11. filter (24 dB - 25 Hz), removes very low subsonic frequencies from music signal to avoid damages to the subwoofer.
- The optional HRC BM Remote Volume Control provides the ability to adjust the subwoofer volume level from the dashboard.



HRC BM optional

Sealed connectors

