

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

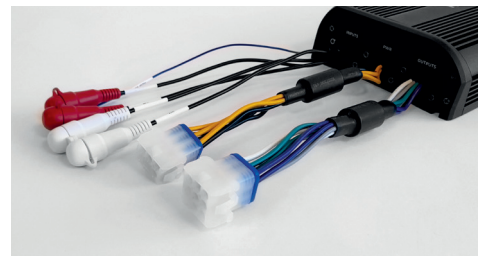
INPUTS / OUTPUTS / FILTERS	
Inputs	Pre IN / Speaker IN
Ch 1-2 Filters:	Full Hi-pass: 50 ÷ 5k Hz @ 12 dB/Oct. Lo-pass: 50 ÷ 5k Hz @ 12 dB/Oct.
Ch 3-4 Filters:	Full Hi-pass: 50 ÷ 5k Hz @ 12 dB/Oct. Lo-pass: 50 ÷ 5k Hz @ 12 dB/Oct.
Bass Boost 45Hz (adjustable)	OUT 3 -4 (0 ÷ 8 dB) [LP = ON only]

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

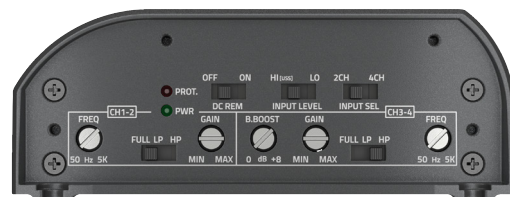
SIZE / WEIGHT	
Max size (mm/inch)	211.6 x 130 x 49 / 8.33 x 5.118 x 1.929
Weight (kg/lbs)	2.15 / 4.74



1. Up to 85% 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

