

# SR

## SR 4.500

4 Channel D-Class  
Amplifier with Crossover  
**880 W**



POWER SUPPLY	
Power supply voltage / fuse	11 ÷ 15 VDC / 2 x 25A
Operating power supply voltage	6.5 ÷ 17 VDC
Idling current	1.7 A
Idling current when off	0.09 mA
Consumption @ 14.4 VDC, 2Ω, Max Musical Power	40 A
Remote IN	6.5 ÷ 15 VDC (1 mA)
Remote OUT	6.5 ÷ 15 VDC (150 mA)
ART - Automatic Remote Turn on/off from OUTPUT BTL speakers (Selectable)	1.5 ÷ 7 VDC

AMPLIFIER STAGE	
Distortion - THD @ 1 kHz, 4Ω, 70% Rated Power	0.08 %
Damping factor @ 1 kHz, 4Ω, 2 VRMS	200
Bandwidth @ -1.5 dB	10 Hz ÷ 35 kHz
S/N ratio (A weighted @ 1 V Input)	105 dBA
Pre-In sensitivity	0.2 ÷ 5 VRMS
Speaker-In sensitivity	0.8 ÷ 20 VRMS
Minimum load impedance	@4Ch: 2Ω @ 3Ch: 2Ω + 2Ω + 4Ω @ 2Ch: 4Ω
OUTPUT POWER (RMS) @14.4 VDC, 1% THD:	
4Ch	130 W x 4 (4Ω)
4Ch	220 W x 4 (2Ω)
3Ch	120 W x 2 (4Ω) + 480 W x 1 (4Ω)
3Ch	220 W x 2 (2Ω) + 440 W x 1 (4Ω)
2Ch	450 W x 2 (4Ω)

CEA SPECIFICATIONS	
	Output power @ 4Ω, 1% THD+N, 14.4 V: 125 W x 4 Ch
	SN ratio (ref. 1W output): 83 dBA

1. ADC (Audison D-Class) Technology 2Ω stable output stage ensuring high audio performance in a compact size.
2. Extruded aluminum compact design with fanless convection cooling system.
3. Built-in USS (Universal Speakers Simulator).
4. Balanced high-noise rejection input speaker-In (for OEM head units) and RCA-In (for Aftermarket head units) inputs.
5. ART (Automatic Remote Turn-On/Off) automatically turns on/off the amplifier when the OEM head-unit turns on/off (can be enabled/disabled, with Speaker-In inputs).
6. Pre-outs, also available when using Speaker-In level inputs.
7. Mono operation mode (selectable) to create a sub + front three-channel system or a powerful two-channel system.
8. Bass Boost (50 Hz) adjustable to 12 dB, to increase the subwoofer punch.
9. Lo-Pass and Hi-Pass 12 dB adjustable (50 Hz to 3200 Hz) filters, providing the ability to build a front + rear system, a multichannel woofer + tweeter system or a powerful sub + front system.

INPUTS / OUTPUTS	
Inputs	Pre-In / Speaker-In
Outputs	PRE OUT full range (Input A)
Front Ch Filters:	Full Hi-pass: 50 ÷ 3.2k Hz @ 12 dB/Oct. Lo-pass: 50 ÷ 3.2k Hz @ 12 dB/Oct.
Rear Ch Filters:	Full Hi-pass: 50 ÷ 3.2k Hz @ 12 dB/Oct. Lo-pass: 50 ÷ 3.2k Hz @ 12 dB/Oct.
A/B Ch MONO IN (on/off)	Yes
Bass Boost 50Hz (adjustable)	B Ch (0 ÷ 12) dB

SIZE	
Max size W x H x D (mm/inch)	264 x 155 x 47,5 / 10.39 x 6.10 x 1.87
Weight (kg/lbs)	2,12 / 4.67

All specifications subject to change without notice\_19.A



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