

SR

## SR 4.500

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

universal  
speakers  
simulator
audison  
d class  
technology

| 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<br>@ 3Ch: 2Ω + 2Ω + 4Ω<br>@ 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:<br>125 W x 4 Ch |
|                                                                                     | SN ratio (ref. 1W output):<br>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<br>Hi-pass: 50 ÷ 3.2k Hz @ 12 dB/Oct.<br>Lo-pass: 50 ÷ 3.2k Hz @ 12 dB/Oct. |
| Rear Ch Filters:             | Full<br>Hi-pass: 50 ÷ 3.2k Hz @ 12 dB/Oct.<br>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                            |