

SR



SR 5.600

5 Channel D-Class
Amplifier with Crossover
1000 W



| POWER SUPPLY | |
|--|-----------------------|
| Power supply voltage / fuse | 11 ÷ 15 VDC / 2 x 25A |
| Operating power supply voltage | 6.5 ÷ 17 VDC |
| Idling current | 2.2 A |
| Idling current when off | 0.04 mA |
| Consumption @ 14.4 VDC, 2Ω, Max Musical Power | 44 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 | 0.02 % |
| Damping factor @ 1 kHz, 4Ω, 2 VRMS, FRONT/ REAR | 100 |
| Damping factor @ 100 Hz, 4Ω, 2 VRMS, SUB | 300 |
| Bandwidth @ -3 dB FRONT / REAR; SUB | 10 Hz ÷ 35 kHz; 10Hz ÷ 500Hz |
| 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 | 5Ch: 2Ω 3Ch: 4Ω + 4Ω + 2Ω |
| OUTPUT POWER (RMS) @14.4 VDC, 1% THD: | |
| 5Ch | 75 W x 4 + 330 W x 1 (4Ω) |
| 5Ch | 115 W x 4 + 550 W x 1 (2Ω) |
| 3Ch | 230 W x 2 (4Ω) + 310 W x 1 (4Ω) |
| 3Ch | 230 W x 2 (4Ω) + 550 W x 1 (2Ω) |

| CEA SPECIFICATIONS | |
|--------------------|--|
| | Output power @ 4Ω, 1% THD+N, 14.4 V: 75 W x 4 Ch + 300 W x 1 Ch |
| | SN ratio (ref. 1W output): 75 W: 84 dBA – 300 W: 75 dBA |

| SIZE | |
|------------------------------|--|
| Max size W x H x D (mm/inch) | 294 x 155 x 47,5 / 11.57 x 6.10 x 1.87 |
| Weight (kg/lbs) | 2,42 / 5.33 |

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. 5 ch/3 ch operation mode (selectable), to create a five-channel system (with sub), or a powerful sub + front three-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.
10. 24 dB continuous adjustable (50 to 500 Hz) Lo-Pass subwoofer filter.
11. SUBSONIC filter (24 dB - 25 Hz), removes very low subsonic frequencies from music signal to avoid damages to the subwoofer.
12. Optional VCR-S2 Remote Volume Control providing the ability to adjust subwoofer volume level from the dashboard.



OPTIONAL VCR-S2 SUB VOLUME REMOTE CONTROL
It provides the ability to adapt the subwoofer level (-20 / + 6 dB) to any personal preference and favorite music genre. VCR S2 features a bulletproof Molex connector.

| INPUTS / OUTPUTS / FILTERS | |
|------------------------------|--|
| Inputs | Pre-In / Speaker-In |
| Outputs | - |
| Front Ch Filters: | Full Hi-pass: 50 ÷ 5k Hz @ 12 dB/Oct. |
| Rear Ch Filters: | Full Hi-pass: 50 ÷ 5k Hz @ 12 dB/Oct. Band-pass: 50 ÷ 500 Hz (Hi) @ 12 dB/Oct. 50 ÷ 5 kHz (Lo) @ 12 dB/Oct. |
| SUB Ch Filters: | Lo-pass: 50 ÷ 500 Hz @ 24 dB/Oct. |
| Phase | - |
| Bass Boost 50Hz (adjustable) | (0 ÷ 12) dB |
| SUBSONIC (on/off) | 25 Hz @ 24 dB/Oct. |
| SUB Volume Remote Control | (-20 ÷ 6) dB |

All specifications subject to change without notice_21.B