ideato,
progettato,
ingegnerizzato
in Italia

SR

SR 5.600

5 Channel D-Class
Amplifier with Crossover
1000 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	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

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