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Sound Quality series Amplifier GS-5800.1SQ

General Specifications

Amplifier Tipology	Class D
Model	5800.1
Frequency Response	10 - 20 KHz
Minimum Impedance	1 Ohm
Output power @ 1 Ohm - 16V	6000 Wrms
Output power @ 2 Ohm - 16V	3200 Wrms
Output power @ 4 Ohm - 16V	1700 Wrms
Normalized Output power @ 1 Ohm - 14.4V	5800 Wrms
Normalized Output power @ 2 Ohm - 14.4V	3000 Wrms
Normalized Output power @ 4 Ohm - 14.4V	1600 Wrms

Work Parameter

Power supply wire size (100% copper advice)	50 mmq
Obbligatory Fuse on cable	2*300 A
Standby current	2.8 / 3.0 A
Maximum Peak current	725 A
Medium current musical use	200 - 350 A
Internal working voltage	85/95 V
Efficiency @ 4 ohm	> 85 %
Efficiency @ 2 ohm	> 80 %
Efficiency @ 1 ohm	> 75 %
Minimum Voltage work (dangerous)	9.3 V
Minimum Voltage work (dangerous)	16.8 V

Technical Parameter

Input sensitivity	0.2 - 5V
S/Nratio THD at 40hm	> 86 db
Working led	Blue
Protection led	Red
Clipping led	Orange
Crossover HPF	10 - 80 Hz
Crossover LPF	80 Hz - FULL
Bass Boost Level	0 - 10 db
Bass Boost frequency	40Hz
High Density Cast Aluminium Heatsink Body	
Thermally Efficient Heatsink Coating	
Low THD Audiophile Components	
T.D.O.S. Amplifier Protection Circuitry	
Damping Factor	> 1000
Remote bass controller	yes, with 3m wire

Dimension / Package

Amplifier Height	60 mm
Amplifier Large	227 mm
Amplifier Length (include terminal)	255 mm
Amplifier Weight	7 kg
Package Weight	8 kg
Shipping box	100X300X610 mm



USER GUIDE

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