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Competition Serie Full-Range Amplifier GS-18000.1 SPL

General Specifications

Amplifier Tipology	Class D
Model	18000.1SPL
Frequency Response	20 Hz - 10 kHz
Minimum Impedance	1 Ohm
Output power @ 1 Ohm - 12.6V	15260 WRMS
Output power @ 2 Ohm - 12.6V	12160 WRMS
Output power @ 4 Ohm - 12.6V	7770 WRMS
Normalized Output power @ 1 Ohm - 14.4V	18050 WRMS
Normalized Output power @ 2 Ohm - 14.4V	14330 WRMS
Normalized Output power @ 4 Ohm - 14.4V	9120 WRMS

Work Parameter

Power supply wire size (100% copper advice)	2*70 mmq
Obbligatory Fuse on cable	2*600 A
Standby current	3.8 / 4.0 A
Maximum Peak current	1600 A
Medium current musical use	500 - 800 A
Internal working voltage	175 / 195 V
Efficiency @ 4 ohm	> 90%
Efficiency @ 2 ohm	> 87%
Efficiency @ 1 ohm	> 85%
Minimum Voltage work (dangerous)	9.3 V
Maximum Voltage work (dangerous)	15.9 V

Technical Parameter

Input sensitivity RCA	0.2 - 6 V
S/N ratio THD at 4 Ohm	> 86 dB
Working led	Blue
Protection led	Red
Clipping led	Orange
Crossover HPF	15 - 80 Hz / 12 dB
Crossover LPF	40 Hz - 10 kHz / 12 dB
Bass Boost Level	0 dB / +12 dB
Bass Boost frequency	35 - 70 Hz
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

Dimension / Package

Amplifier Height	70 mm
Amplifier Large	225 mm
Amplifier Length (include terminal)	620 mm
Amplifier Weight	9.2 KG
Package Weight	9.5 KG
Shipping box	740X260X100mm



USER GUIDE

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