



www.gsaudio.it



SQ series Amplifier GS-500.4SQ

General Specifications

Amplifier Tipology	Class D
Model	500.4SQ
Frequency Response	10 Hz - 25 kHz
Minimum Impedance	2 Ohm/ CH
Bridge Output power @ 4 Ohm - 14.4V	2*900 Wrms
Normalized Output power @ 2 Ohm - 14.4V	4*500 Wrms
Normalized Output power @ 4 Ohm - 14.4V	4*300 Wrms
Trimode 4 ohm:	2*300W + 1*900 Wrms
Trimode 2 + 4 Ohm	2*500W + 1*900 Wrms
Fuse	-

Work Parameter

Power supply wire size (100% copper advice)	70 mmq
Obligatory Fuse on cable	250 A
Standby current	1.3 / 1,8 A
Maximum Peak current	190 A
Medium current musical use	40-95 A
Internal working voltage	80 / 95 V
Efficiency @ 4 ohm	> 92 %
Efficiency @ 2 ohm	> 88 %
Efficiency @ 1 ohm	-
Minimum Voltage work (dangerous)	9.3 V
Maximum Voltage work (dangerous)	16.3 V

Technical Parameter

Input sensitivity	0.2 - 6V
S/N ratio THD at 40hm	> 88 dB
Working led	Green
Protection led	Red
Clipping led	-
Crossover HPF	50 - 1.2KHz
Crossover LPF	50 - 500Hz
Bass Boost Level	0 - 12 dB

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 no

Dimension / Package

Amplifier Height	60 mm
Amplifier Large	225 mm
Amplifier Length (include terminal)	310 mm
Amplifier Weight	2,9 KG
Package Weight	3,6 KG
Shipping box	280X360X95mm



USER GUIDE

<http://www.gsaudio.it>

+39 347 3263458

@GSAUDIO_ITALY