

SIGNATURE SERIES MARINE AMPLIFIERS

FUSION®

	CODE	PEAK POWER
	SG-DA12250	2250 WATTS
	SG-DA41400	1400 WATTS
	SG-DA51600	1600 WATTS
NEW	SG-DA61500	1500 WATTS
NEW	SG-DA82000	2000 WATTS



KEY FEATURES



**3 YEAR
WARRANTY**

FIVE DESIGNS AVAILABLE

Bring your music to life with our range of powerful Signature Series amplifiers, designed to enhance any serious on-board audio system.

The Signature Series amplifiers are now available in five options, with the addition of powerful 6 channel and 8 channel designs. These amplifiers now range from an impressive 2250W monoblock design to an incredible 2000W 8 channel design to suit all audio setup requirements you may have for your vessel:

- SG-DA12250: Monoblock with 2250W
- SG-DA41400: 4 Channels with 1400W
- SG-DA51600: 5 Channels with 1600W
- SG-DA61500: 6 Channels with 1500W - NEW
- SG-DA82000: 8 Channels with 2000W - NEW

MARINE READY DESIGN

Extending the life of your amplifiers, the Signature Series are designed specifically for marine use with conformal coated PCBs to provide extra protection from the marine elements.

CLASS-D AMPLIFIER TECHNOLOGY

Enjoy your music for longer and take your audio entertainment experience to a whole new level with amplifiers that are built for high performance.

The highly efficient Class-D design draws less current than a standard Class-AB amplifier, providing increased efficiency and power output to your speakers.

RIGID ALUMINIUM ALLOY HEAT SINK

Molded to form a singular die-cast chassis, the fin layout is calculated with precision to increase the surface area of the heat sink and improve heat dissipation.

STAINLESS MIRROR FINISH

The polished stainless-steel control panel cover conceals and protects all cable connections and settings controls whilst providing an attractive finish to complement any installation.



TRUE-MARINE™ PHILOSOPHY

Fusion's True-Marine design philosophy stems from our experience confronting the harsh marine environment. By designing and engineering from the ground up specifically for real world boating applications, our customers are assured that the equipment they fit into their vessel will deliver quality entertainment season after season.

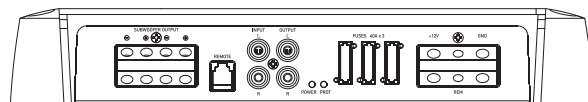
FOR MORE INFORMATION VISIT FUSIONENTERTAINMENT.COM

SETUP OPTIONS AVAILABLE



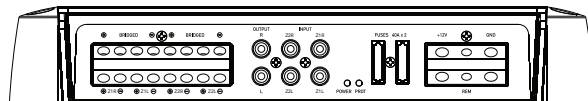
SG-DA12250

Configurable for 1 Ohm impedance per channel, this monoblock amplifier will power either one subwoofer or two subwoofers wired in parallel.



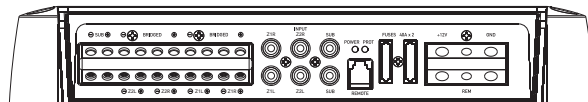
SG-DA41400

Configurable for a minimum of 2 Ohms impedance per channel, this 4 channel amplifier will power up to four Signature Series speakers, or two Signature Series speakers and a subwoofer.



SG-DA51600

Configurable for a minimum of 2 Ohms impedance per channel, this 5 channel amplifier can power four Signature Series speakers and a subwoofer with ease. Other channel and bridging options are also available.



SG-DA61500 - NEW

Configurable for a minimum of 2 Ohms per channel, this 6 channel amplifier has multiple channel and bridging options available, and can power two 4-ohm speakers in parallel per channel.



SG-DA82000 - NEW

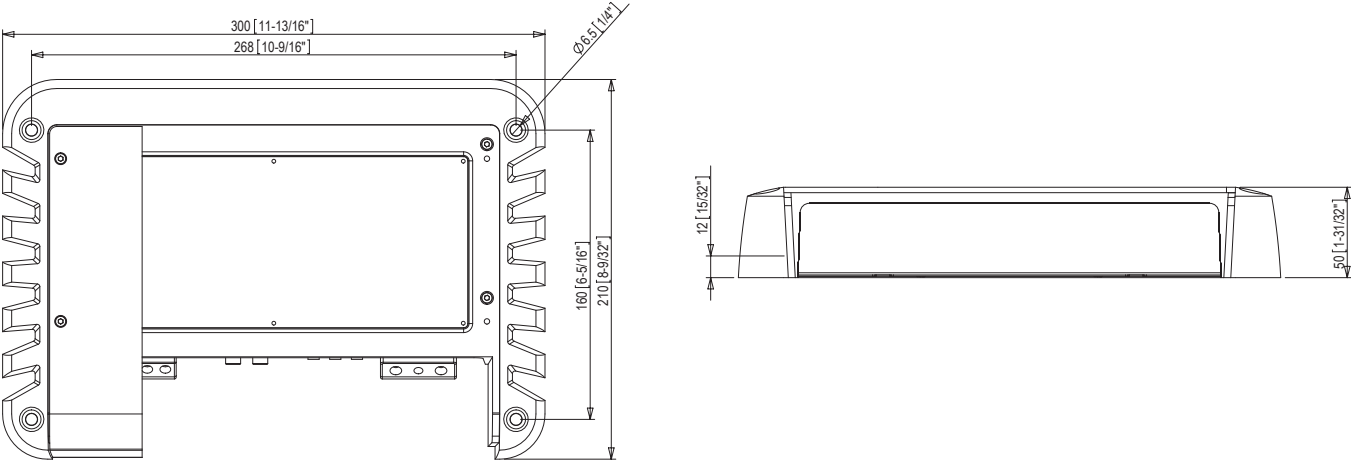
Configurable for a minimum of 2 Ohms per channel, this 8 channel amplifier has multiple channel and bridging options available, and can power two 4-ohm speakers in parallel per channel.

SPECIFICATIONS

	SG-DA12250	SG-DA41400	SG-DA51600	SG-DA61500	SG-DA82000
PEAK POWER	2250W	1400W	1600W	1500W	2000W
FREQUENCY RESPONSE	10Hz - 300Hz - 3dB (Subwoofer)	10Hz - 50kHz - 3dB	10Hz - 50kHz - 3dB	10Hz - 50kHz - 3dB	10Hz - 50kHz - 3dB
AMPLIFIER CLASS	Class-D	Class-D	Class-D	Class-D	Class-D
TOTAL RATED POWER (4 OHMS)	500Wx1 @ 14.4V - 4Ω - 1% THD	150Wx4 @ 14.4V - 4Ω - 1% THD	80Wx4 + 250Wx1 @ 14.4V - 4Ω - 1% THD	6 x 110W rms @ 14.4Vdc input, 4 Ohm, 1% THD	8 x 110W rms @ 14.4Vdc input, 4 Ohm, 1% THD
TOTAL RATED POWER (2 OHMS)	850Wx1 @ 14.4V - 2Ω - 1% THD	220Wx4 @ 14.4V - 2Ω - 1% THD	130Wx4 + 300Wx1 @ 14.4V - 2Ω - 1% THD	6 x 200W rms @ 14.4Vdc input, 2 Ohm, 1% THD	8 x 200W rms @ 14.4Vdc input, 2 Ohm, 1% THD
TOTAL RATED POWER (4 OHMS BRIDGED)	1100Wx1 @ 14.4V - 1Ω - 1% THD	440Wx2 @ 14.4V - 4Ω bridged - 1% THD	250Wx2 @ 14.4V - 4Ω bridged - 1% THD + 250Wx1 @ 14.4V - 4Ω - 1% THD	3 x 400W rms @ 14.4Vdc input, 4 Ohm Bridged, 1% THD	4 x 400W rms @ 14.4Vdc input, 4 Ohm Bridged, 1% THD
OPERATING VOLTAGE	10.8 - 16V	10.8 - 16V	10.8 - 16V	10.8 - 16Vdc	10.8 - 16Vdc
SIGNAL TO NOISE RATIO	>80dB	>95dB	>95dB	-	-
SEPARATION/CROSSTALK	-	>45dB	>45dB	-	-
INPUT SENSITIVITY	0.3 - 8V	0.3 - 8V	0.3 - 8V	-	-
HP VARIABLE CROSSOVER	10 - 80Hz (Subwoofer)	32 - 320Hz	32 - 320Hz	-	-
LP VARIABLE CROSSOVER	32 - 320Hz (Subwoofer)	32 - 320Hz	32 - 320Hz	-	-
MAXIMUM OPERATING CURRENT	120A	80A	80A	-	-
MOUNTING DIMENSIONS (D x H x L)	210 x 50 x 300mm (8-1/4" x 2" x 11- 13/16")	210 x 50 x 300mm (8-1/4" x 2" x 11- 13/16")	210 x 50 x 300mm (8-1/4" x 2" x 11- 13/16")	210 x 57 x 420mm (8-1/4" x 2-1/4" x 16-9/16") *Subject to change	210 x 57 x 420mm (8-1/4" x 2-1/4" x 16-9/16") *Subject to change

FUSION PRODUCT INFO			
CODE	GARMIN PN	EAN-13 BARCODE	GIFT BOX DIMENSIONS
SG-DA12250	010-01970-00	0753759153007	(W) 379mm (14-15/16") (H) 110mm (4-5/16") (D) 268mm (10-9/16")
SG-DA41400	010-01969-00	0753759152994	(W) 379mm (14-15/16") (H) 110mm (4-5/16") (D) 268mm (10-9/16")
SG-DA51600	010-01968-00	0753759152987	(W) 379mm (14-15/16") (H) 110mm (4-5/16") (D) 268mm (10-9/16")
SG-DA61500	010-02161-00	0753759218805	(W) 480mm (18-7/8") (H) 113mm (4-7/16") (D) 273mm (10-3/4")
SG-DA82000	010-02162-00	0753759218812	(W) 480mm (18-7/8") (H) 113mm (4-7/16") (D) 273mm (10-3/4")

DIMENSIONS



SG-DA12250, SG-DA41400, SG-DA51600

LINE DRAWINGS NOT AVAILABLE

SG-DA61500, SG-DA82000