

# 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



NEW



## 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

### CLASS-D AMPLIFIER TECHNOLOGY

The highly efficient Class-D amplifier design ensures low current draw from the battery whilst delivering increased power to the connected speakers and/or subwoofers. Taking your audio entertainment experience to a whole new level, the Signature Series amplifiers are built for high performance.

### 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. This creates greater dissipation of heat and unquestionable efficiency without compromising the sleek form factor.

### MARINE READY DESIGN

The Signature Series amplifiers are designed specifically for marine use, with conformal coated PCBs to provide extra protection from the marine elements. This extends the products' lives and ensures that the amplifiers will continue to perform season after season on board.

### STAINLESS MIRROR FINISH

The stunning stainless steel cover conceals all cable connections and tuning controls for a discreet yet undeniably attractive finish that will complement any installation.

The stainless steel design also ensures that your Signature Series amplifier will resist rust and corrosion, extending the product life while maintaining a clean, tidy appearance.



### 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](http://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.



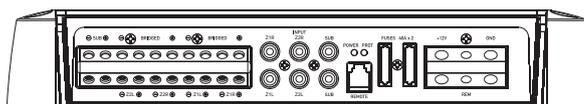
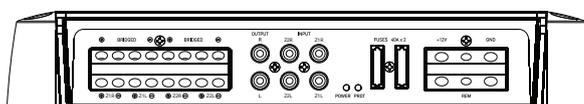
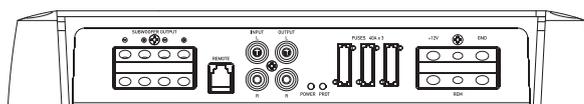
### SG-DA61500 - NEW

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.

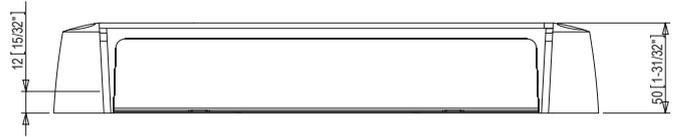
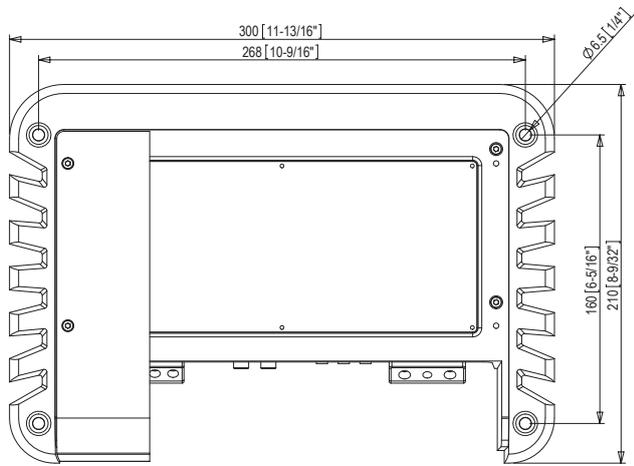


## SPECIFICATIONS

	SG-DA12250	SG-DA41400	SG-DA51600	SG-DA61500	SG-DA82000
<b>PEAK POWER</b>	2250W	1400W	1600W	1500W	2000W
<b>FREQUENCY RESPONSE</b>	10-320Hz (Subwoofer)	10Hz - 65kHz	10Hz - 50kHz	20 - 20kHz	20 - 20kHz
<b>AMPLIFIER CLASS</b>	Class-D	Class-D	Class-D	Class-D	Class-D
<b>TOTAL RATED POWER (4 OHMS)</b>	500Wx1 @ 14.4V - 4Ω - 1% THD	150Wx4 @ 14.4V - 4Ω - 1% THD	80Wx4 + 250Wx1 @ 14.4V - 4Ω - 1% THD	100Wx6 @ 14.4V - 4Ω	100Wx8 @ 14.4V - 4Ω
<b>TOTAL RATED POWER (2 OHMS)</b>	850Wx1 @ 14.4V - 2Ω - 1% THD	220Wx4 @ 14.4V - 2Ω - 1% THD	130Wx4 + 300Wx1 @ 14.4V - 2Ω - 1% THD	125Wx4 @ 14.4V - 2Ω	125Wx4 @ 14.4V - 2Ω
<b>TOTAL RATED POWER (4 OHMS BRIDGED)</b>	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	250Wx3 @ 14.4V - 4Ω bridged - 1% THD	250Wx4 @ 14.4V - 4Ω bridged - 1% THD
<b>OPERATING VOLTAGE</b>	10.8 - 16V	10.8 - 16V	10.8 - 16V	10.8 - 16V	10.8 - 16V
<b>SIGNAL TO NOISE RATIO</b>	>80dB	>95dB	>95dB	>80dB	>80dB
<b>SEPARATION/CROSSTALK</b>	-	>45dB	>45dB	>50dB	>50dB
<b>INPUT SENSITIVITY</b>	0.3 - 8V	0.3 - 8V	0.3 - 8V	6V	6V
<b>HIGH PASS CROSSOVER</b>	10 - 80Hz (subwoofer)	32 - 320Hz	32 - 320Hz	32 - 320Hz	32 - 320Hz
<b>LOW PASS CROSSOVER</b>	40 - 350Hz	32 - 320Hz	32 - 320Hz	32 - 320Hz	32 - 320Hz
<b>MAXIMUM OPERATING CURRENT</b>	120A	80A	80A	120A	160A
<b>MOUNTING DIMENSIONS (D x H x L)</b>	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")	210 x 57 x 420mm (8-1/4" x 2-1/4" x 16-9/16")
				*Subject to change	*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	Not available	Not available	(W) 379mm (14-15/16") (H) 110mm (4-5/16") (D) 268mm (10-9/16")
SG-DA82000	Not available	Not available	(W) 379mm (14-15/16") (H) 110mm (4-5/16") (D) 268mm (10-9/16")

## DIMENSIONS



**SG-DA12250, SG-DA41400, SG-DA51600**

LINE DRAWINGS NOT AVAILABLE

**SG-DA61500, SG-DA82000**