

SGC SMARTUNERS™

Stop tuning, start talking.

SG-230: The Original Smartuner

The SG-230 Smartuner was the first product in the HF market to offer fast, flexible tuning without any user interface. This unit works with ANY radio and ANY antenna without any special interface, making it the most versatile tuning product available. The SG-230 can be used in base station, mobile, marine and aviation and has been the "Gold Standard" of automatic antenna tuning for nearly twenty years.



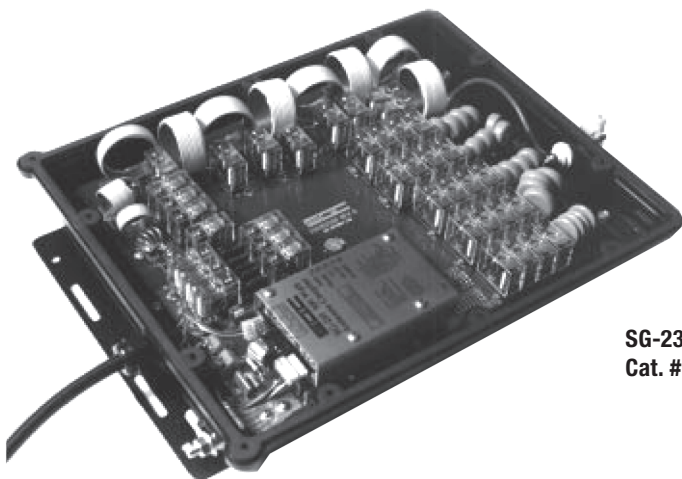
SG-230
Cat. # 54-14

The SG-230 is built in a rugged ABS plastic enclosure which is sealed to protect it, and allows ultimate versatility in installation.

HF Frequency Range:	1.6 to 30 MHz
Power Input Range:	3 to 200W (PEP) and 80W (Cont.)
Input Impedance Range:	45 to 55 ohms
VSWR:	Typical: Less than 2:1
DC Input Requirement:	+13.6 VDC (nominal)
DC Operating Range:	+10 to 18 VDC
Input Current:	900 milli Amps
Average:	Typical: Less than 2 seconds
Recurrent set time:	Typical: Less than 10 milliseconds
Memory Capacity:	170 non-volatile locations
Tuning Combinations:	1/2 million
Antenna Length:	8 ft. (3.3-30) 23 ft. (1.8-30)
Installation:	Any, ideal at antenna feed point
Operating Temperature:	-35 to +70 degrees C
Size:	16L x 12W x 3.5H inches
Weight:	8 pounds
Case Construction:	Waterproof ABS plastic cover
Control Cable:	Shielded 4 conductor RG 58 coax with PL-259 connector
Control Cable Length:	9 feet standard, custom to-order
Options/Accessories:	24VDC, Shock Mount, Smartlock™

SG-235: High Power Smartuner

The SG-235 will achieve perfect coupling of your 500 Watt HF-SSB and your antenna in mobile, marine or fixed base applications. It has the same durable, waterproof ABS plastic case as the SG-230 and options for extreme applications including a shock mount.



SG-235
Cat. # 54-15

With a sophisticated Pi-L network and over 1/2 million tuning combinations, the SG-235 is the smartest way to tune at 500 Watts.

HF Frequency Range:	1.8 to 30 MHz
Power Input Range:	3 to 500W (PEP) and 200W (Cont.)
Input Impedance Range:	45 to 55 ohms
VSWR:	Typical: Less than 2:1
DC Input Requirement:	+13.6 VDC (nominal)
DC Operating Range:	+10 to 18 VDC
Input Current:	1.4 Amps
Average:	Typical: Less than 2 seconds
Recurrent set time:	Typical: Less than 10 milliseconds
Memory Capacity:	170 non-volatile locations
Tuning Combinations:	1/2 million
Antenna Length:	50 ft. (3.3-30) 300 ft. (1.8-30)
Installation:	Any, ideal at antenna feed point
Operating Temperature:	-35 to +70 degrees C
Size:	16L x 12W x 3.5H inches
Weight:	8 pounds
Case Construction:	Waterproof ABS plastic cover
Control Cable:	RG 58 coax w/ PL-259 connector 9 conductor control cable
Control Cable Length:	9 feet standard, custom to-order
Options/Accessories:	Shock Mount, Smartlock Pro

Visit www.sgcworld.com, email sgc@sgcworld.com, or contact your dealer for information on all SGC products. SGC, 13737 SE 26th Street, Bellevue, WA 98005 USA

