

MAC-200 ANTENNA CONTROLLER



MAC-200
Cat. # 54-25

Control up to five antennas.

Select the right antenna, for the right band, at the right time with the MAC-200. The Master Antenna Controller operates as your base station control center, eliminating complicated switching and tuning. With the MAC-200, you can select between up to five antennas and tune automatically to minimum SWR. You can monitor your power and SWR with two convenient meters on the front panel of the unit. The MAC-200 puts **you** in control of your antennas.

More than a switch.

With SGC's Smartuner™ technology inside, the MAC-200 uses two built-in microprocessors to automatically select the correct antenna for your operating frequency, quickly and accurately. It stores the correct settings in memory and will recall the settings for a previous frequency in less than ten milliseconds. The MAC-200 is the perfect choice for anyone using multiple antennas in a base station system.

Specifications

HF Frequency Range:	1.8 to 60 MHz
Power Input Range:	1.5 to 200W (PEP) and 80W (Cont.)
Input Impedance Range:	45 to 55 ohms
VSWR:	Typical: Less than 2:1
DC Input Requirement:	+13.8 VDC
DC Operating Range:	10 -18.5 VDC
Input Current:	230 milli Amps avg.
Initial tune time:	Typical: Less than 3 seconds
Recurrent set time:	Typical: Less than 10 milliseconds
Memory Capacity:	170 non-volatile locations
Tuning Combinations:	1/8 million
Antenna Length:	40 ft. (3.3-30) 100 ft. (1.8-30)
Antenna Outputs:	1 End fed 1 Balanced feed 3 Coaxial outputs
Installation:	Any, ideal at antenna feed point
Operating Temperature:	-35 to +70 degrees C
Size:	8.5L x 6.5W x 3H inches
Weight:	5 pounds
Case Construction:	Extruded metal housing
Control Cable:	Not supplied
Other:	5 Outputs, PWR meter, SWR meter SO-239 input, wing nut outputs