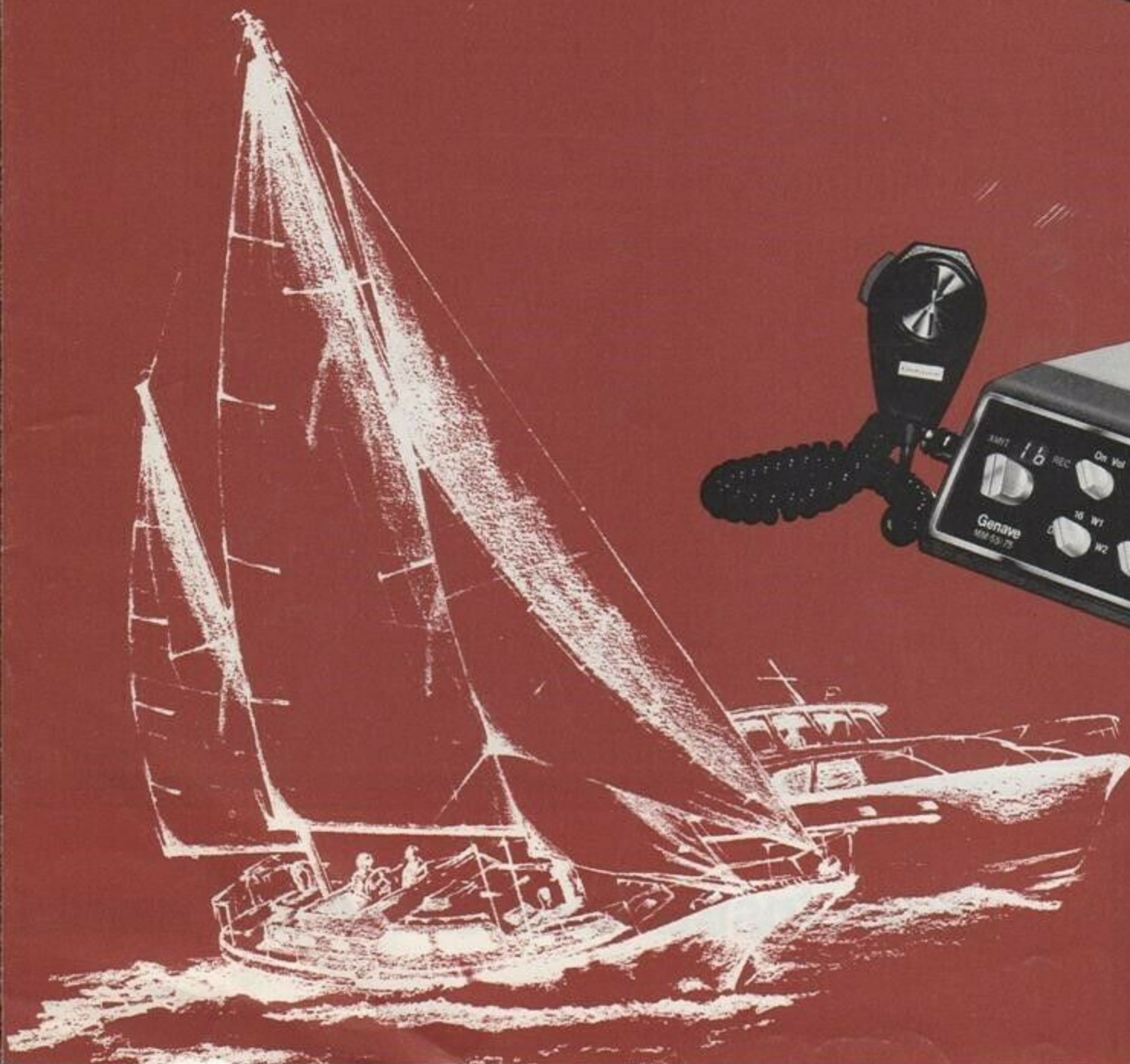




# Performance designed to "TURN you ON" MARINE COMMUNICATIONS

*If you're looking for something extra in marine communications . . . . . Look to GENAVE! Unmatched Craftsmanship, Designed performance.*



## Antennas

**MARINE GAIN-50**—3 db gain makes your 25 watt Radio Telephone equivalent to 50 watts effective transmit power. Comes with cable connector and laydown quick-release base. High durability, corrosion proof white fiberglass and polyurethane encapsulation. Does not require ground plate.

**MARINE GAIN-50M** — (Sailboat Antenna) Perfect for mounting on sailboat masts. Same high performance features as the Marine Gain-50. Low radiation angle. Comes complete with mounting hardware and 60 feet of marine white RG-58C/U coaxial cable with solderless connector. High durability, corrosion-proof white fiberglass encapsulation. Does not require ground plate.

**MARINE GAIN-100**—6 db gain makes your 25 watt Radio Telephone equivalent to 100 watts effective transmit power. Comes with cable, connector and white Lexan base with quick-release ratchet. High durability, corrosion-proof white fiberglass and polyurethane encapsulation. Does not require ground plate.

## PSI-11 Mobilpack

... for convenient portability

Operate your Genave Marine Radio Telephone anywhere — even when there is no electrical system or batteries are minimal for the starter.

The Mobilpack is a portable power supply that can give you more than 24 hours of monitoring and full booming power for transmitting (percentage of transmit time decreases length of service proportionately) before recharging. Included are: 5 Amp Hour rechargeable batteries; special high-rate quick-charge recharging unit (117V 50-60 Hz) that plugs into standard wall socket at home or in office, requiring only 4 to 6 hours for a complete recharge; a portable antenna; and a carrying handle that has an easily accessible clip for the microphone.



## Frequency Allocations

Channel: Use:

- 6 Inter-Ship Safety Communications. Ship-ship.
  - 16 Distress, Safety & Calling. Ship-ship, ship-shore.
  - 68 Non-Commercial Communications. Ship-ship, ship-shore.
  - 26 & 28 Public Correspondence (telephone hook-up). Ship-shore.
  - 14 Port Operations, Ship-ship, ship-shore.
  - 22A US Coast Guard.
- Wx & Wx2 Weather Information Channel selection will vary with locality. Consult your local dealer.

## Specifications

| GENERAL:             | MM12  | MM202  | MM55/75   | MM1  | GSB1000  | GLH100   |
|----------------------|---|--|---|--|--|--|
| Front Panel Size:    | 2 <sup>5</sup> / <sub>8</sub> × 8   | 6 <sup>1</sup> / <sub>2</sub> × 2 <sup>1</sup> / <sub>2</sub>                                  | 3 <sup>3</sup> / <sub>8</sub> × 9 <sup>1</sup> / <sub>4</sub>               | N/A  | 6 <sup>1</sup> / <sub>2</sub> × 2 <sup>1</sup> / <sub>2</sub>                                  | 6 <sup>1</sup> / <sub>2</sub> " × 2 <sup>1</sup> / <sub>2</sub> "  |
| Over-all Dimensions: | 2 <sup>5</sup> / <sub>8</sub> × 8 × 12                                      | 6 <sup>1</sup> / <sub>2</sub> × 2 <sup>1</sup> / <sub>2</sub> × 10 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>2</sub> × 2 <sup>1</sup> / <sub>2</sub> × 9           | 8 × 2.625 × 1.281  | 6 <sup>1</sup> / <sub>2</sub> × 2 <sup>1</sup> / <sub>2</sub> × 10 <sup>1</sup> / <sub>2</sub> | 9" deep, 6 <sup>1</sup> / <sub>2</sub> " wide, 2 <sup>1</sup> / <sub>2</sub> " high  |
| Components:          | 12 transistors, 7 diodes, 6 FETS, 3 ICs                                     | 13 transistors, 10 diodes, 6 FETS, 4 ICs   | 16 transistors, 30 diodes, 6 FETS, 15 ICs                                   | 13 transistors, 6 diodes, 4 FETS, 4 ICs                                    | 13.75 negative ground DC   | 20 all silicon transistors, 1 SCR, 19 diodes, 1 zener, 4 integrated circuits   |
| Power Supply:        | 12V DC, Negative Ground   | 12V DC, Negative Ground  | 12V DC, Negative Ground   | Internal Rechargeable Batteries  | 13.75 negative ground DC   | 12V DC negative ground all V   |
| Frequency Range:     | 156-162 MHz   | 156-162 MHz  | 156-162 MHz   | 156-162 MHz  | 2-9 MHz  |  |
| Channels Poss.:      | 12  | 20 + 2 weather   | 55/75   | 6  | 10   | Up to 6  |
| Weight:              | Approx. 4 lbs.  | Approx. 5 lbs.   | Approx. 6 lbs.  | Approx. 3 lbs.   | Approx. 6 lbs.   | Approx. 4 lbs.   |
| <b>RECEIVE:</b>      |   |  |   |  |  |  |
| Sensitivity:         | .25 microvolt nom. for 12 db SINAD<br>.45 microvolt nom. for 20 db quieting | .25 microvolt nom. for 12 db SINAD<br>.45 microvolt nom. for 20 db quieting                    | .25 microvolt nom. for 12 db SINAD<br>.45 microvolt nom. for 20 db quieting | .3 microvolt nom. for 12 db SINAD<br>.55 microvolt nom. for 20 db quieting | 0.5µV for 10 db S+N/N<br>2.1 KHz @ 6 db<br>4.2 KHz @ 60 db                                     | <b>HAILER OUTPUT:</b><br>Horn and Siren, Approx. 70 Watts Peak, into 8 ohms (28 Watts RMS)<br>Aux. and Hail, Approx. 60 Watts Peak, into 8 ohms (30 Watts RMS) |
| Image:               | more than 70 db   | more than 70 db  | more than 70 db   | more than 25 db  | Fast Attach—Slow Release   | <b>INTERCOM OUTPUT:</b><br>Up to 70 Watts Peak, into 8 ohm listen speaker (Limited by speaker capacity)  |
| Spurious:            | more than 70 db   | more than 70 db  | more than 70 db   | more than 40 db  | Less than 6 db   | <b>BURGLAR ALARM SWITCHING:</b><br>Series, Normally Closed, Self-Latching  |
| Selectivity:         | ± 7.5 kHz   | ± 7.5 kHz  | ± 7.5 kHz   | ± 7.5 kHz  | Audio Change from 4µV to 0.1 Volt  | <b>BURGLAR ALARM OUTPUTS:</b><br>Two, Siren, and connection for additional burglar-alert floodlight  |
| Circuit:             | single conversion   | dual conversion, superheterodyne, crystal controlled   |   |  | <b>Image Response:</b><br>50 db Min.   | <b>CURRENT DRAIN:</b><br>7 amps. max.  |
| Audio Output:        | 5 watts<br>4 watts @ less than 15% distortion                               | 5 watts<br>4 watts @ less than 15% distortion  | 5 watts<br>4 watts @ less than 15% distortion                               | 400 MW   | <b>Audio Output:</b><br>5 Watts—4 Watts for 15% distortion                                     |  |
| Mod. Acceptance:     | more than 5 kHz   | more than 5 kHz  | more than 5 kHz   |  | <b>TRANSMITTER:</b>  | <b>ETA/4</b>   |
| Squelch Threshold:   | 0.2 microvolt max.  | 0.2 microvolt max.   | 0.2 microvolt max.  | .25 microvolt max.   | <b>Power Output:</b><br>60 Watts Pep<br>Nominal<br>50 Watts Min.                               | Channels: 10   |
| Adj. Chan. Rej.:     | 60 db ± 25 kHz  | 70 db ± 25 kHz   | 70 db ± 25 kHz  | ± 30 kHz, more than 50 db  | <b>Stability:</b><br>±20 Hz  | Channeling Voltage: 13.5V  |
| Current Drain:       | .2 amps   | .2 amps  | .2 amps   | N/A  | <b>Carrier Suppression:</b><br>50 db Min.  | Transmitter Power Input: 100 watts max.  |
| <b>TRANSMIT:</b>     |   |  |   |  | <b>Unwanted Sideband:</b><br>50 db Min.  | Input Impedance: 50 ohm  |
| Frequency Range:     | 156-158 MHz   | 156-158 MHz  | 156-158 MHz   | 156-158 MHz  | <b>Harmonic Suppression:</b><br>60 db Min.   | Output Terminals:  |
| Power Output:        | 25 watts max.   | 25 watts max.  | 25 watts max.   | 2.5 watts  | <b>Intermod Distortion:</b><br>25 db Min.  | High voltage feedthrough ceramic terminals   |
| Output Impedance:    | matches standard VHF-FM marine antennas                                     |  |   |  | <b>Output Impedance:</b><br>50 Ohms  | Two 50 ohm (SO239)   |
| Current Drain:       | Hi 5.0 amps<br>Lo 1.7 amps  | Hi 5.0 amps<br>Lo 1.7 amps   | Hi 5.5 amps<br>Lo 2.3 amps  | N/A  |  | One variable impedance:<br>5 - 100 ohm resistive<br>0 - 1000 ohm reactives   |

marine division



Specifications subject to change without notice.

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Written limited warranty on products advertised herein can be obtained upon written request addressed to The Warranty Department

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