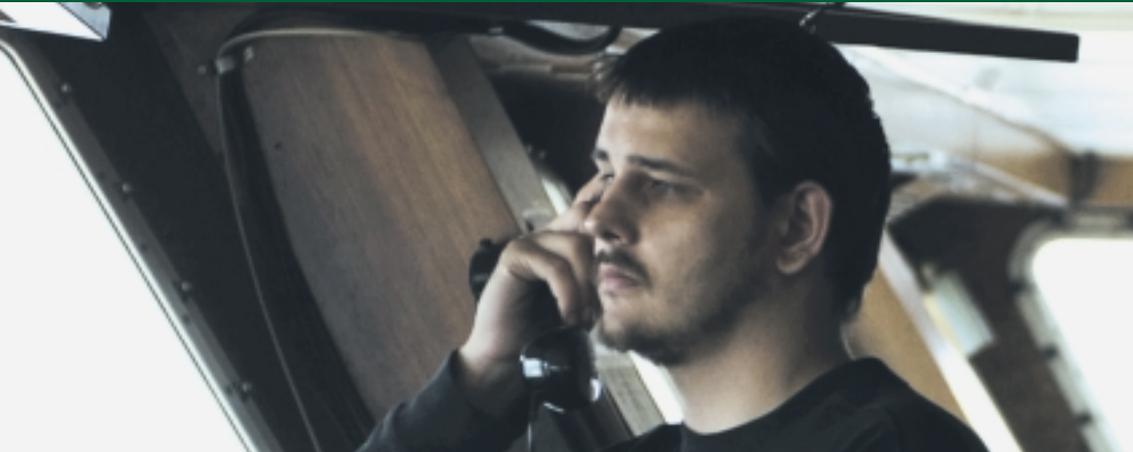


SAILOR COMPACT VHF RT2048

VHF Simplex/
Semiduplex
Radiotelephone



The SAILOR RT2048 simplex/semiduplex VHF radiotelephone is a conveniently small set, built to a high standard both mechanically and electronically. The small compact cabinet has room for both transmitter, receiver and a large 6 W loudspeaker.

The set is equipped with an audio amplifier capable of delivering an additional 6 W into an external loudspeaker. The RT2048 operates with a continuous output power of 25 W on all possible channels.

Furthermore, the SAILOR RT2048 is equipped with all 54 international VHF channels and full scanning facilities, or 40 private channels. Dual watch and quick channel 16 are standard.

SAILOR COMPACT VHF RT2048

DESCRIPTION

Programming Features:

- Incorporates all the international maritime VHF channels and the channels required in USA. – weather channels etc.
- The simplex channels 75 and 76 with reduced output, when these are released by the authorities.
- One or more of the channels can be blocked either totally or the transmitter only.
- Automatic reduction to 1 W can be programmed on one or more of the channels.
- Can be programmed with up to 40 private channels.
- Blocking information to AUX-receiver can be programmed on one or more of the channels.
- Prepared for DSC, Digital Selcall, (GMDSS).
- Prepared for ATIS.

Scanning

Free choice between scanning facilities or additional 30 private channels. With scanning facilities selected, the operator can easily programme the wanted channels into the scanning sequence. The scanning programme can be revised while operating. Even during scanning your preference channel normally channel 16, has full priority.

Dual Watch

Enables the operator to listen out on two channels simultaneously – the selected channel and your preference channel, normally channel 16 has full priority.

Finger-Guide

The front panel is provided with a real push button keyboard offering an attractive solid feel and a safe finger-guide in the metal front. A reliable, totally sealed construction with night-time illumination.

Continuous Control

Continuous turn-style operation of SQUELCH and AF levels ensures optimum resolution.

Display

Efficient LED-display ensures read-out of channel number and other indications under all conditions. On switch-on, all settings prior to last switch-off will be redisplayed.

24V DC Power Supply N420

To supply VHF RT2048 from 24V DC.

AC/DC Power Supply N163S

To supply VHF RT2048/N420 from 24V DC and 110/220V AC with automatic change-over.

Specifications subject to change without notice.

TECHNICAL DATA

Fulfills the international CEPT regulations, MPT, FCC, FTZ and KSR, as well as other national requirements.

General

All international maritime VHF channels.

Private channels:	10, may be extended to 40
Operation:	Simplex and semi-duplex
Modulation:	G3EJN (Phase)
Antenna impedance:	50 Ω
Frequency stability:	± 10 ppm (Spec. vers. ± 5 ppm)
Temperature range:	-20° C to +55° C
Nominal power supply:	13.2V DC
Power supply variation (with data according to international standards):	12V DC -10% to +30%
Current consumption:	Stand-by = 0.1A Transmit = 5A
Weight:	3.3 kg

MULTIPURPOSE MOUNTING BRACKET H2077

As standard the VHF RT2048 is delivered with multipurpose mounting bracket H2077.

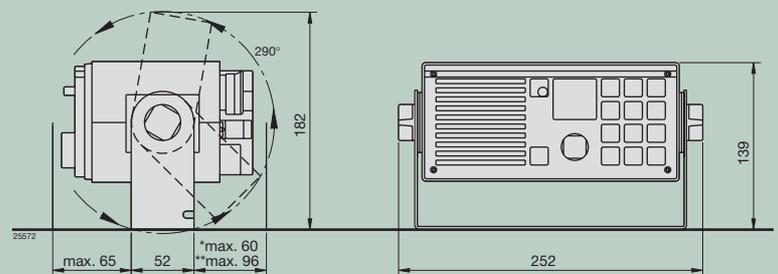
For other applications, such as mounting in console, or together with units in the Compact 2000 programme assembled on the bulkhead, see special information for mounting of the Compact 2000 programme.

Receiver

Frequency range simplex:	154.40-159.15 MHz
Frequency range semi-duplex:	159.00-163.75 MHz
Sensitivity:	0.25 μV PD at 12 dB SINAD
AF output power:	6 W/4 Ω
Telephone output:	0.5V RMS/200 Ω
Distortion:	Less than 5%
Scanning facilities:	Flexible scanning programme, with possibility for all international channels and 10 private channels.

Transmitter

Frequency range normal:	154.40-159.15 MHz
Frequency range special:	159.00-163.75 MHz
RF output power:	25 W +0 to -0.5 dB
Reduced RF output:	0.5 to 1 W
Distortion:	Less than 5%



* dimensions when using a right-angled VHF plug
** dimensions when using a standard VHF plug