

SAILOR® RT2048 VHF

Compact VHF Simplex / Semi-duplex Radiotelephone



The SAILOR RT2048 VHF is a true workhorse, which has for many years been the preferred choice for seamen all over the world. Its compact metal cabinet houses transmitter, receiver and a 6W loudspeaker with clear and powerful sound. The robust push buttons are night illuminated and the large LED channel display allows easy read-out under all conditions. As a result the RT2048 VHF is as easy to use as it is sturdy.

Features

- Very rugged construction for maritime use
- Dual watch
- Full scanning facilities
- Powerful 6W loudspeaker
- Compact and easy to install

Programming Features

The SAILOR RT2048 incorporates all international maritime VHF channels and the channels required in USA, i.e. weather channels etc. Moreover it can be programmed with up to 40 private channels.

As regards to the simplex 75 and 76 they have reduced output, when they are released by the authorities, and also one more of the channels can be blocked totally or the transmitter only. It is possible automatically to reduce one or more of the channels to 1W or to block information to AUX-receiver.

The SAILOR RT2048 operates with a continuous output power of 25W on all channels and is prepared for ATIS.

World Class Service

When buying a Thrane & Thrane product you buy not only state-of-the-art technology, but also peace of mind. With more than 40 strategically located service centers, the Thrane & Thrane certified On Board Service Center network will ensure worlds class service. No matter where or how you bought the equipment, you will receive immediate, high-quality service all over the world.



Scanning

Choose 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 during operation. 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.

Continuous Control

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

Finger-Guide

The front panel has a real push button keyboard with an attractive solid feel and a safe finger-guide in the metal front. It's a reliable, totally sealed construction with night-time illumination.

Display

The efficient LED-display makes it possible to read channel number and other indications under all conditions. On switch-on, all settings prior to last switch-off will be redisplayed.

Multipurpose Mounting Bracket H2077

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

Accessories

SAILOR N420, 24/12V DC converter (to supply the RT2048 from 24V DC)
SAILOR N163, Power Supply, 110/220V AC to 24V DC, 7A

Technical Specifications

Fulfills 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	G3E/N (Phase)
Antenna impedance	50 Ω
Frequency stability	± 10 ppm (Spec. vers. ± 5 ppm)
Temperature range	-20°C to +55°C
Power supply variation (with data according to international standards)	12V DC -10% to +30%
Current consumption	Stand-by = 0.1A Tx = 5A

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	6W
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	25W +0 to -0.5 dB
Reduced RF output	0.5 to 1W
Distortion	Less than 5%

DIMENSIONS AND WEIGHT

Height: 98 mm (3.9")
Width: 225 mm (8.9")
Depth: 160 mm (6.3")
Weight: 3.1 kg (6.8 lbs)

