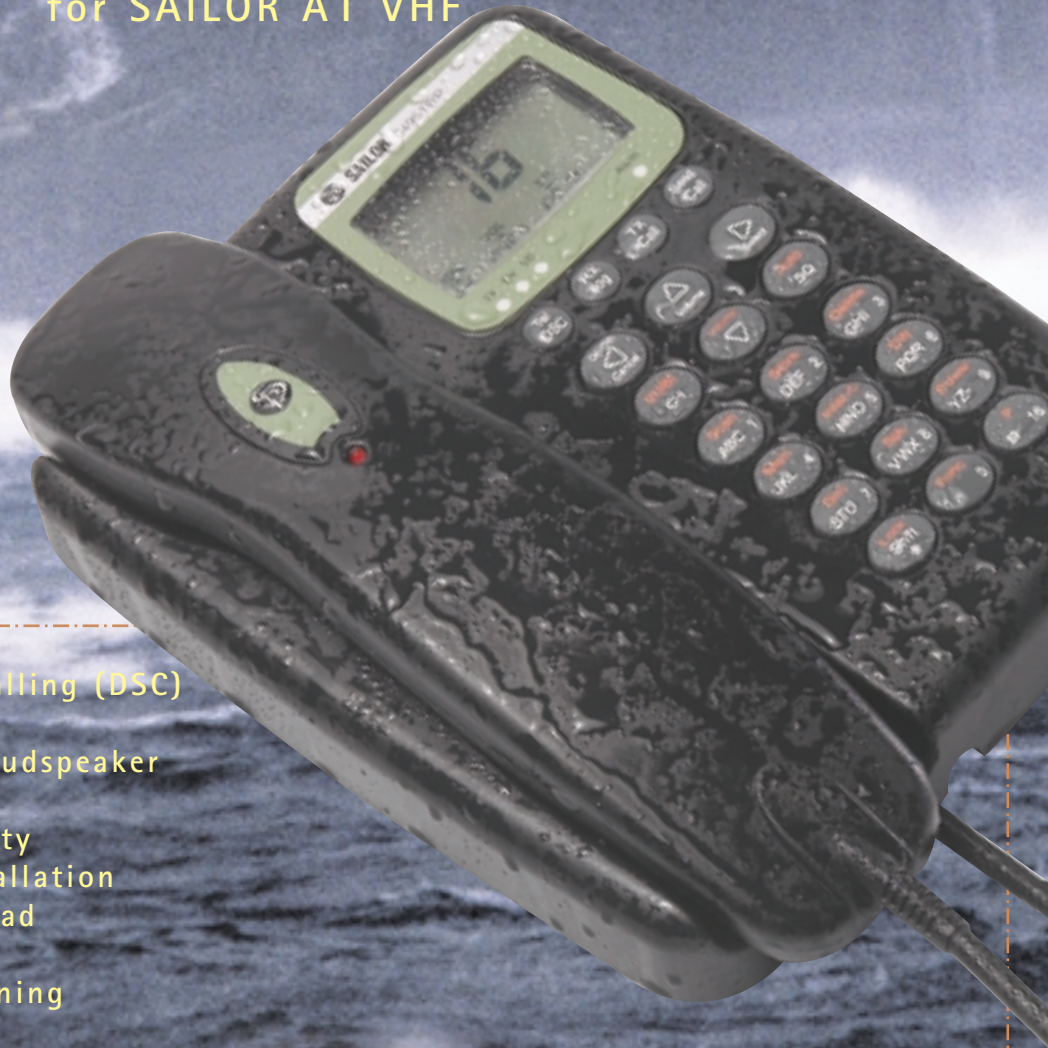


Some things just
don't budge
for the elements

SAILOR C4951WP
IP67 Waterproof Handset
for SAILOR A1 VHF



- Digital Selective Calling (DSC)
- Waterproof (IP67)
- Powerful 4-Watt loudspeaker
- Ergonomic design
- Full intercom facility
- Plug-and-play installation
- Large back-lit keypad
- Large LCD display
- Programmable scanning
- MMSI phone book
- Large distress button (DSC)
- Easy snap-on/off mounting



SAILOR

When safety counts

TECHNICAL DATA

The C4951WP conforms to all relevant international requirements and resolutions as agreed by ETSI, IEC, ITU, and IMO, as well as other national requirements. These specifications include ETS 300 162, ETS 300 338, IEC 945, IEC 1097-3 and IEC 1097-7.

Made for the rough life at sea

The C4951 WP handset from Sailor is specially designed for the wet and noisy environment at sea: it offers a better protection against water ingress than any other VHF handset available on the market today, and due to a powerful built-in 4-Watt loudspeaker, incoming VHF calls can be heard under the most extreme weather conditions. No additional loudspeaker is required.

The handset is designed to fit in your hand, and also the position and functioning of the PTT button have been chosen with ergonomics in mind. You are only one click away from being connected with all ships and coast stations within VHF range.

The C4951 WP can be flush-mounted in any angle and is ideally suited for cockpit installation. A snap-on mounting bracket is included with the C4951 WP handset.

C4951 WP is designed to operate with the SAILOR A1 VHF Class D, which meets – and in most cases exceeds – all international requirements for VHF including Class D DSC. User-friendly functions such as dual channel watch, channel scan, up to 40 private channels, automatic public call facilities and automatic squelch are available.

SPECIFICATIONS

Normal channels	All int. channels for 25 kHz operation Up to 40 private channels
Opt. channels	All int. channels for 12.5 kHz operation Up to 224 channels with up to 54 private channels
DSC Protocol	According to Rec. ITU-R M.493-7 Class D
Navigator interface	NMEA 0183, GGA, GLL, ZDA
Antenna connectors	Standard 50 Ω female, SO239
Temperature range	-15°C to +55°C
Supply voltage	13.2 V DC Nominal
Supply range	10.8 V DC to 15.6 V DC
Supply current	Stand-by 180 mA Transmitter on 1.3 A (Low power) Transmitter on 5.3 A (High power)

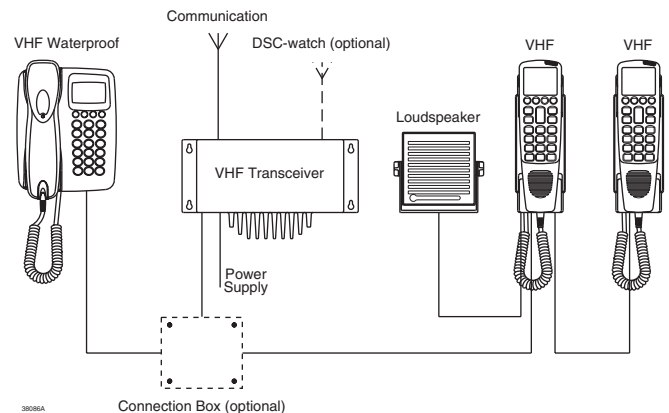
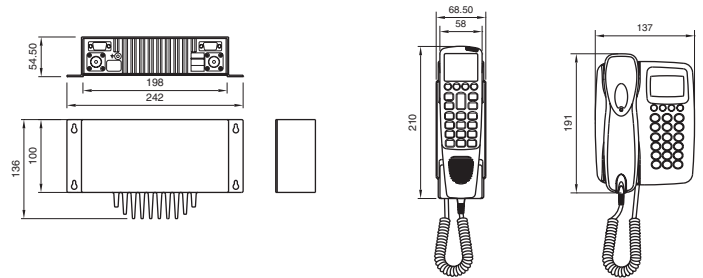
AF rated power	
Output 1	4 W/ 4 Ω
Output 2	6 W/ 4 Ω
Distortion THD	Below 5%
RF output power	High 25 W + 0 dB to - 0.5 dB Low 0.9 W + 0.5 dB to - 1 dB
Distortion	Below 5%



Distress button



Dimensions in mm



In a basic configuration the SAILOR VHF RT4801 includes a transceiver unit and a handset control unit. The units are connected by means of the SPARC-bus interface. This advanced balanced data and AF interface can be used to interconnect multiple control units. The maximum distance between transceiver unit and handset control unit may be up to 40 m in 12 V DC installations, in 24 V DC installations up to 80 m.

A standard NMEA interface for connection to on-board navigational equipment is available in the transceiver option connector.

12 OR 24 V DC

The nominal system power supply is 12 V DC. By means of the SAILOR N163 and/or the SAILOR N420, the system can be powered from the AC mains or a 24 V DC battery.

OPTIONS

ATIS with "killer" is a standard feature in the SAILOR A1 DSC (Class D*)

The system can be configured for individual needs:

- With additional loudspeakers designed for outdoor installation
- With multiple control units

*Class D equipment provides facilities for VHF DSC distress, urgency and safety calls as well as routine calling and reception. Class D offers the key benefits of DSC in a form that is suitable for non-deep sea usage.

Specifications subject to change without further notice.



When safety counts

SAILOR® · Porsvej 2 · PO Box 7071 · DK-9200 Aalborg SV · Denmark · Phone: +45 9634 6100 · Fax: +45 9634 6101

Telex: 69 789 SPRAD DK · E-mail: sailor@sailor.dk · Web: www.sailor.dk