# SAILOR®

# SAILOR 6248 VHF

## What's in the box?



Transceiver

Wheel Knob (2 pcs.)

U-Mounting Bracket

Gasket

Flush Mount Bracket (2 pcs.)

Screw M4x12 TORX 20 (2 pcs.)

Screw ø3.9x19 TORX 20 (2 pcs.)

Cradle

Handset

SAILOR 6090 Power Converter

User Manual

Power Cable

Screw M4x12 TORX 20 (4 pcs.)

Screw ø3.9x19 TORX 20 (4 pcs.)

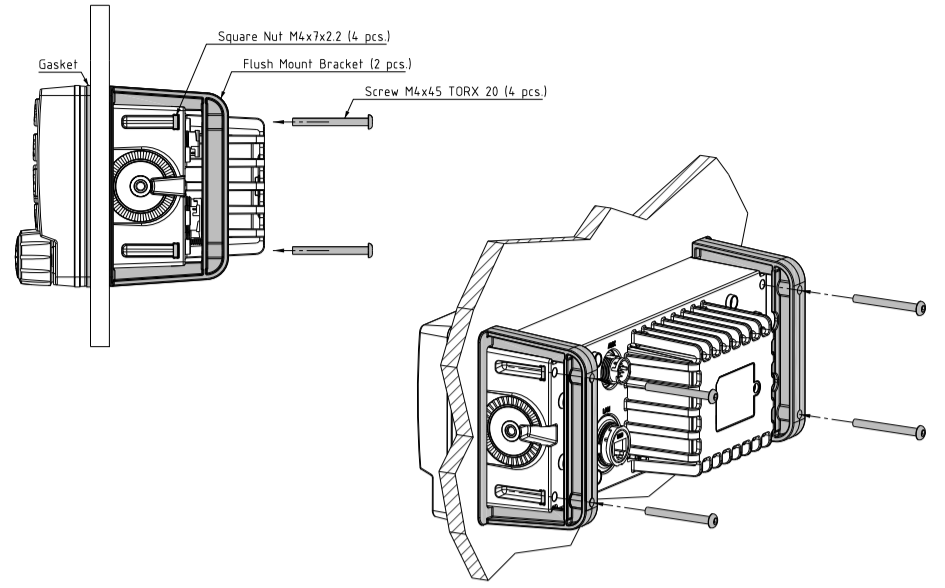Screw M4x12 TORX 20 (5 pcs.)

Screw ø3.9x19 TORX 20 (5 pcs.)

Screw M4x45 TORX 20 (5 pcs.)

Square Nut M4x7x2.2 (5 pcs.)

Fuse 6.3x3.2mm (10AT)

Cap for LTW BD/BU Connector (3 pcs.)

Cap for LTW RJ45 Connector

Fuse 6.3x3.2mm (10AT)

## Dimensions for the VHF



107 mm
124 mm

241 mm
273 mm

Space for cable entry

94 mm     38 mm

min. 120 mm     132 mm

## How to install the VHF on desktop and overhead



M4x12 TORX 20 (4 pcs.) or ø3.9x19 TORX 20 (4 pcs.)

M4x12 TORX 20 (4 pcs.) or ø3.9x19 TORX 20 (4 pcs.)

Tilting ±20°
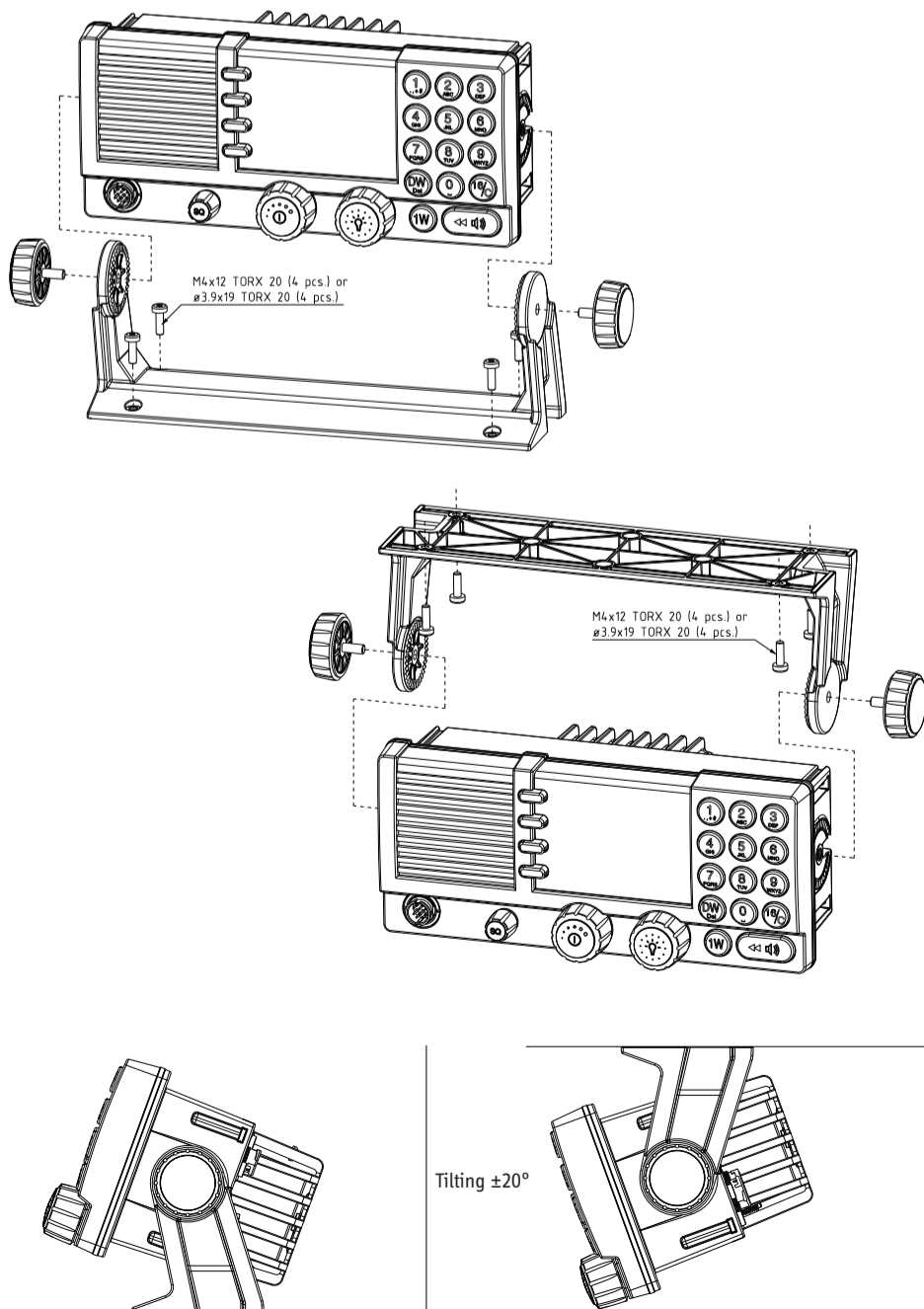
## How to install the VHF flush mount



Gasket

Square Nut M4x7x2.2 (4 pcs.)

Flush Mount Bracket (2 pcs.)

Screw M4x45 TORX 20 (4 pcs.)

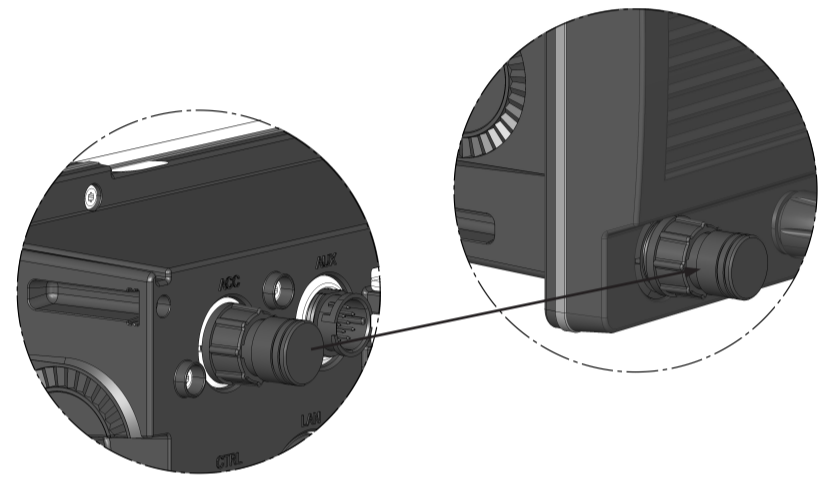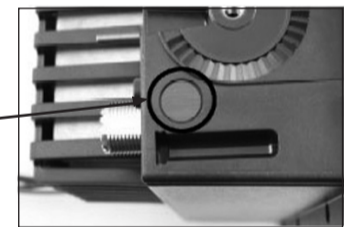## How to prevent water ingress

Connector for Handset or Hand Microphone – If not used, put the cap from the ACC connector on the front connector to prevent water ingress.
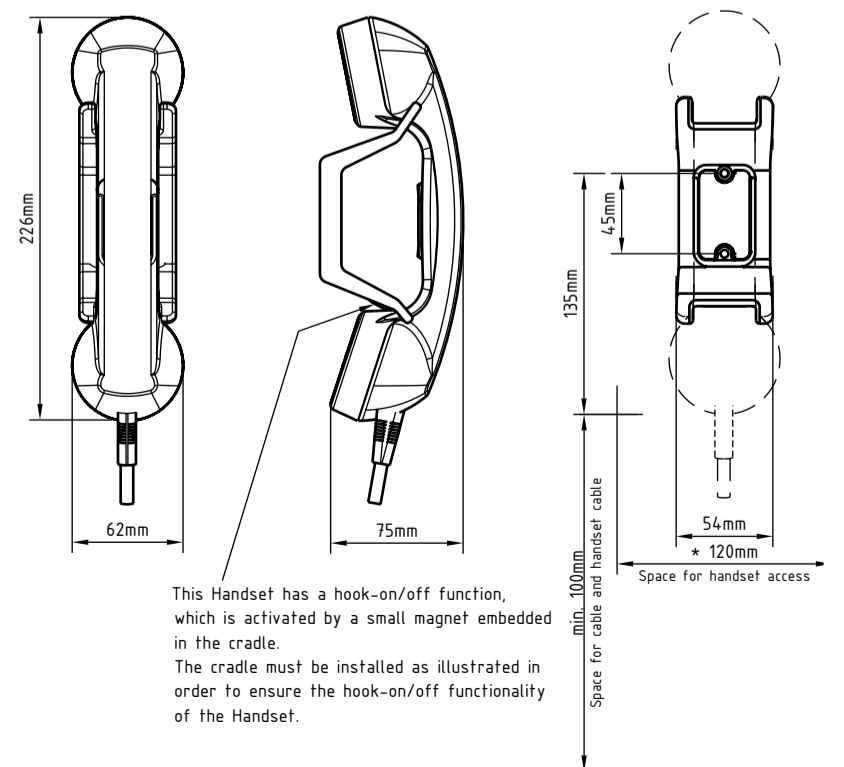


## Very important information!

Do not remove the membrane.
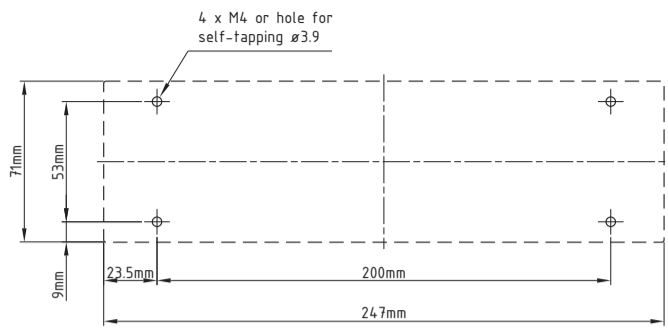If you remove the membrane the radio will not be waterproof.



## How to install the handset



226mm

62mm     75mm

45mm

135mm

min. 100mm   Space for cable and handset cable

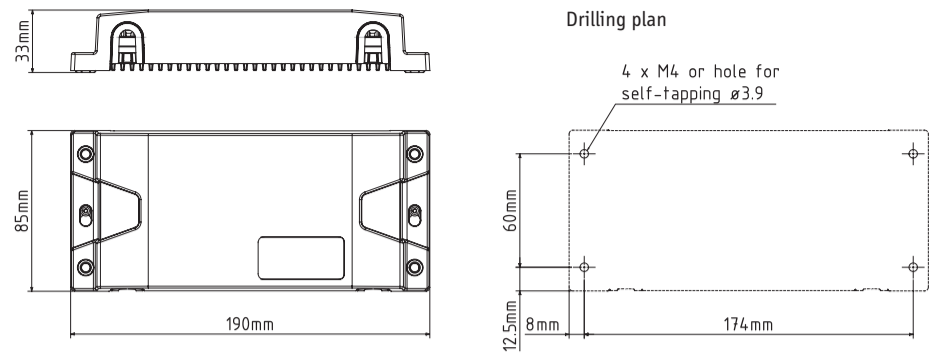54mm
* 120mm
Space for handset access

This Handset has a hook-on/off function, which is activated by a small magnet embedded in the cradle.
The cradle must be installed as illustrated in order to ensure the hook-on/off functionality of the Handset.
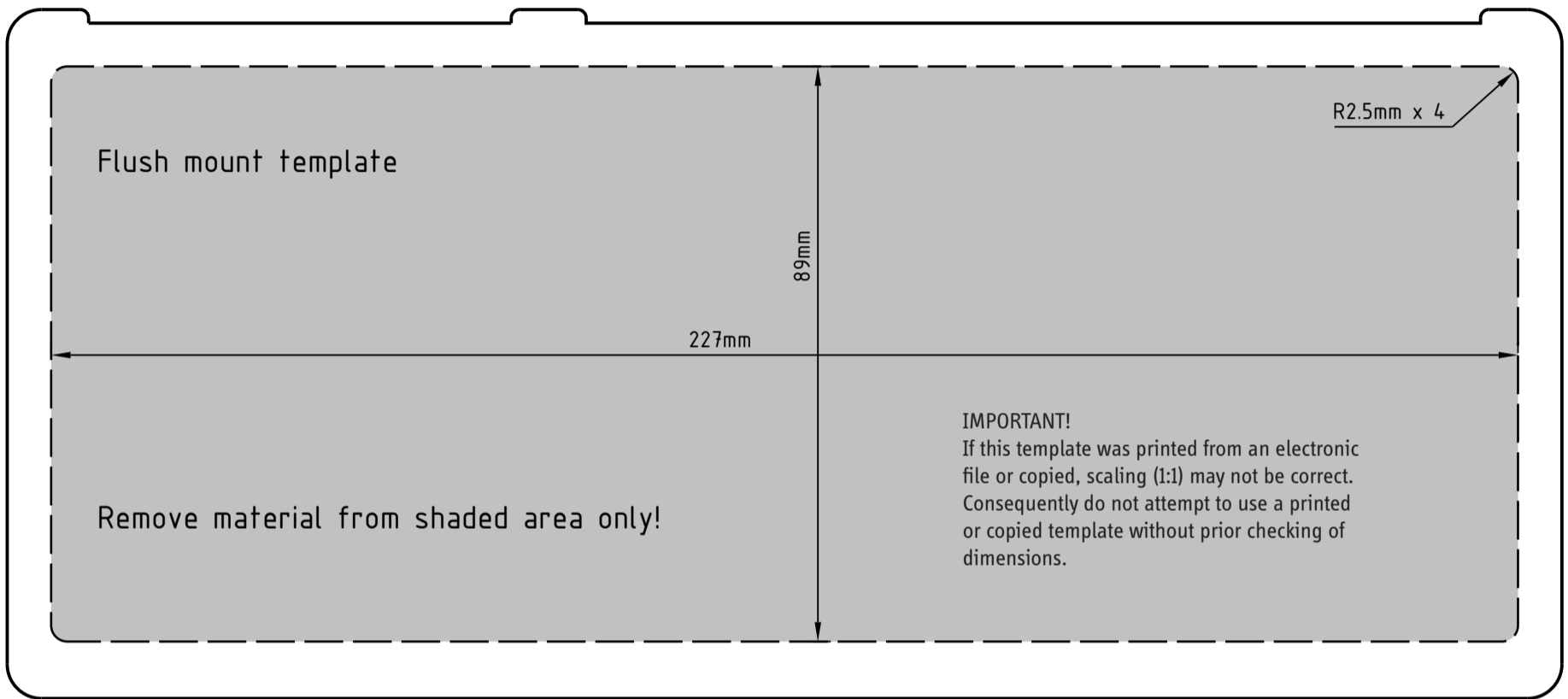
## Drilling plan on desktop and overhead

4 x M4 or hole for self-tapping ø3.9

71mm
53mm
9mm
23.5mm
200mm
247mm

## How to install the SAILOR 6090 Power Converter

33mm
85mm
190mm

Drilling plan

4 x M4 or hole for self-tapping ø3.9

60mm
12.5mm
8mm
174mm

## Cutout template for flush mounting of the VHF

Flush mount template

Remove material from shaded area only!

R2.5mm x 4

89mm

227mm

**IMPORTANT!**
If this template was printed from an electronic file or copied, scaling (1:1) may not be correct. Consequently do not attempt to use a printed or copied template without prior checking of dimensions.

Scale 1:1

## System Configuration – Example

RX/TX
Aerial

SAILOR 6201/03
Handset

SAILOR 6248/6249
VHF

SAILOR 6201/03
Handset

SAILOR 6090
Power Converter

12V DC

ACC

24V DC

Remove jumper
for remote on/off
from VHF

+Vin
-Vin
Screen/Ground
24V DC

Ground

NC
Remote on/off
-Vout (Blue)
+Vout (Red)
12V DC
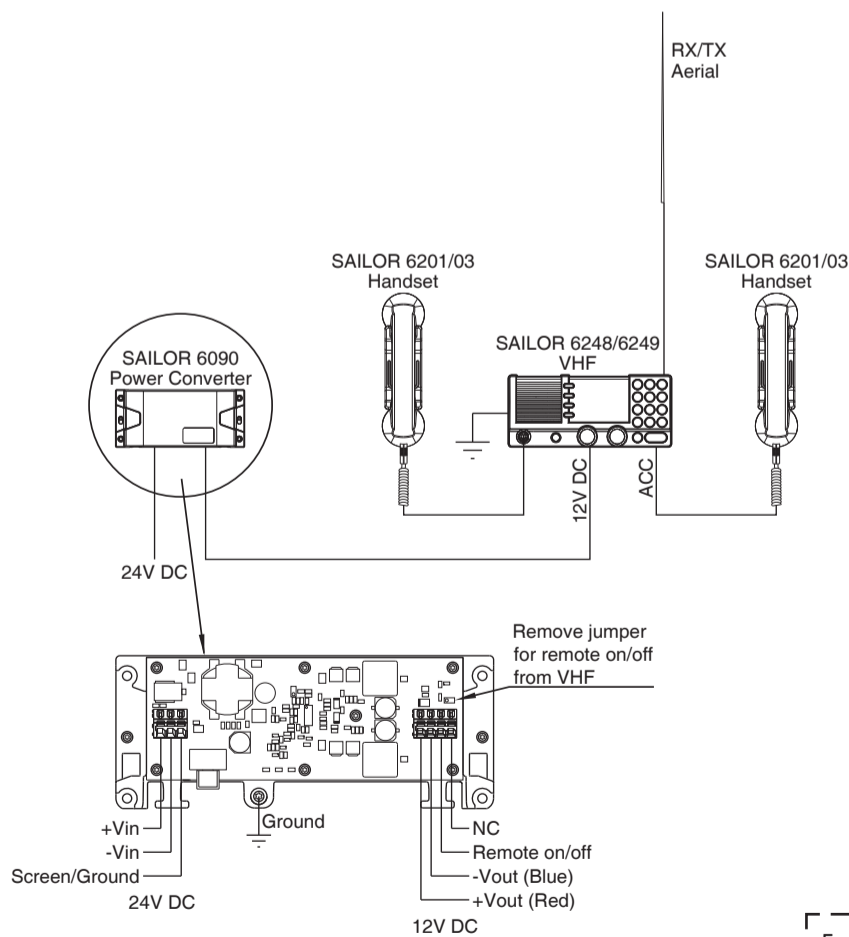
99-133232-A

For further information, please download the installation manual part no. 98-135548 at http://esupport.thrane.com

98-132282-B

Thrane & Thrane