

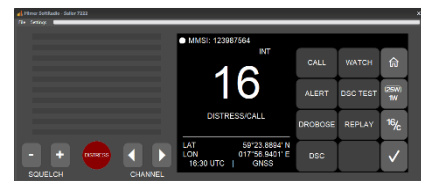
Cable Kit 3092 Interface 3009/70

Mimer SoftRadio – Sailor 7222

Remote functionality

This cable kit will together with the Mimer Network Interface give remote control of the radio's audio and PTT functions.

Mimer SoftRadio will also show a full Virtual Control Head, resembling the radios front panel. Most of the radio's functions are available from there.



Radio programming

The radio needs to be given a fixed IP address in the local LAN.

The volume control on the radio front panel does not change the audio to the interface, so it can be turned all the way down.

In the radios settings menu there is a handset volume setting, this shall be set to 80.

SETTINGS > CONTROLLER > HANDSET VOLUME = 80

Cable Kit

The red and black wires shall be connected to 12VDC or 24VDC (same as the radio), red is positive.

The network interface consumes max 0,3A.



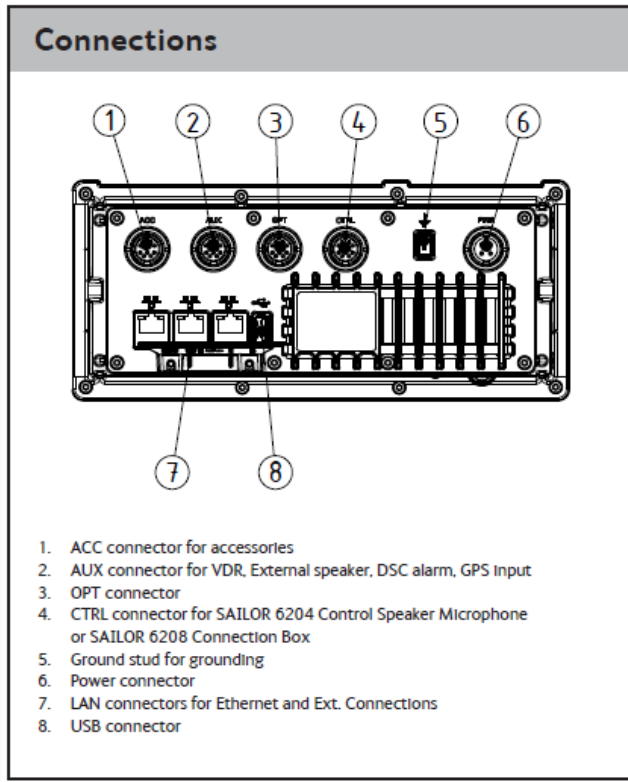
Cable Kit Sailor



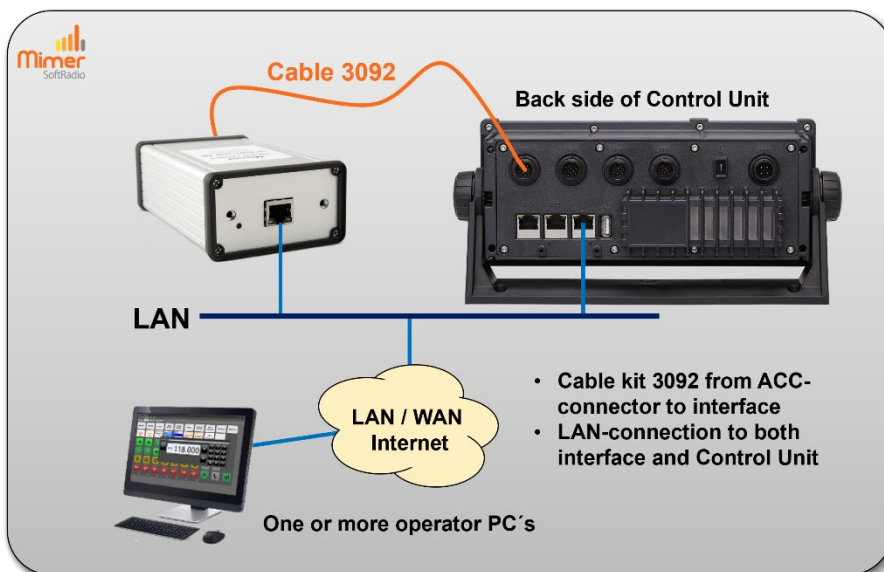
Sailor control head

Connectors at the rear of the control unit

- Connect the interface cable in connector 1.
- Connect a standard LAN cable in the service LAN-port, the one next to the USB connector. This cable shall then be connected to the same LAN network as the Network Interface.



Picture from Sailor Installation Manual



Both the control unit and the Network Interface shall be connected on the same LAN.

LAN setup

The remote control of the radios functions is done through an IP connection. Therefore the radios IP address needs to be setup in the Network Interface.

Radio IP address

Set a fixed IP address on the **Service port** in the Sailor 7222 radio.
Do not change the other ports!

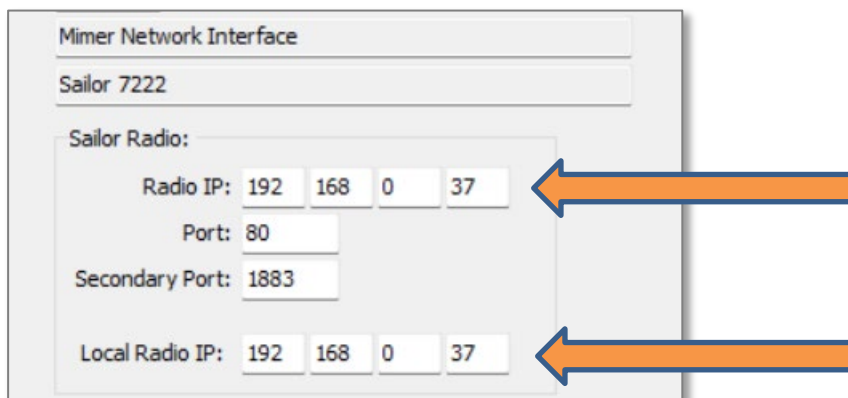
This is done on the radios front panel in the Settings menu.

SETTINGS > SYSTEM > NETWORK > SERVICE PORT

Setting in the Network Interface

Set the radios fixed IP address in the program “Mimer Interface Setup”. On both the lines Radio IP and Local Radio IP.

See picture below.



The screenshot shows the 'Mimer Network Interface' window. It has a title bar and a menu bar. Below the menu bar, there's a section for 'Sailor 7222'. Underneath, there's a 'Sailor Radio:' section. This section contains three input fields: 'Radio IP:' with the value '192.168.0.37', 'Port:' with the value '80', and 'Secondary Port:' with the value '1883'. Below this, there's a 'Local Radio IP:' section with the value '192.168.0.37'. Two orange arrows point to the 'Radio IP' and 'Local Radio IP' fields, indicating they should be set.

Alternative:

Here you can also set a remote IP address and TCP port if you would like to install the radio in another LAN subnet than the network interface. Then set “Radio IP” to the WAN address that the radio is connected to.

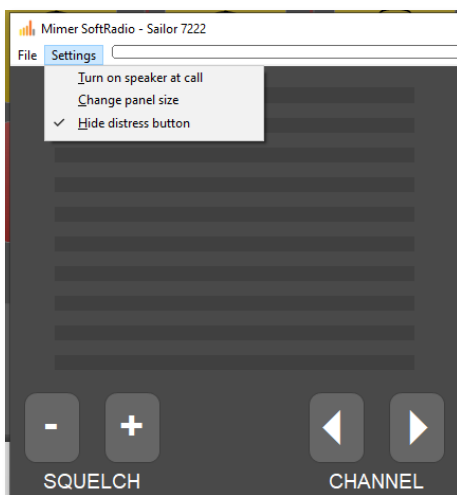
Distress button

When pushing the Distress key, you will get a dialogue box, as to the right. This double function is the equivalent of the lid over the physical key on the radio.

To activate the Distress call you need to push and hold the “DISTRESS” key for 3 seconds.



You can also select not to show the Distress key on the Virtual Control Head. This is set on the drop down on the Virtual Control Head.

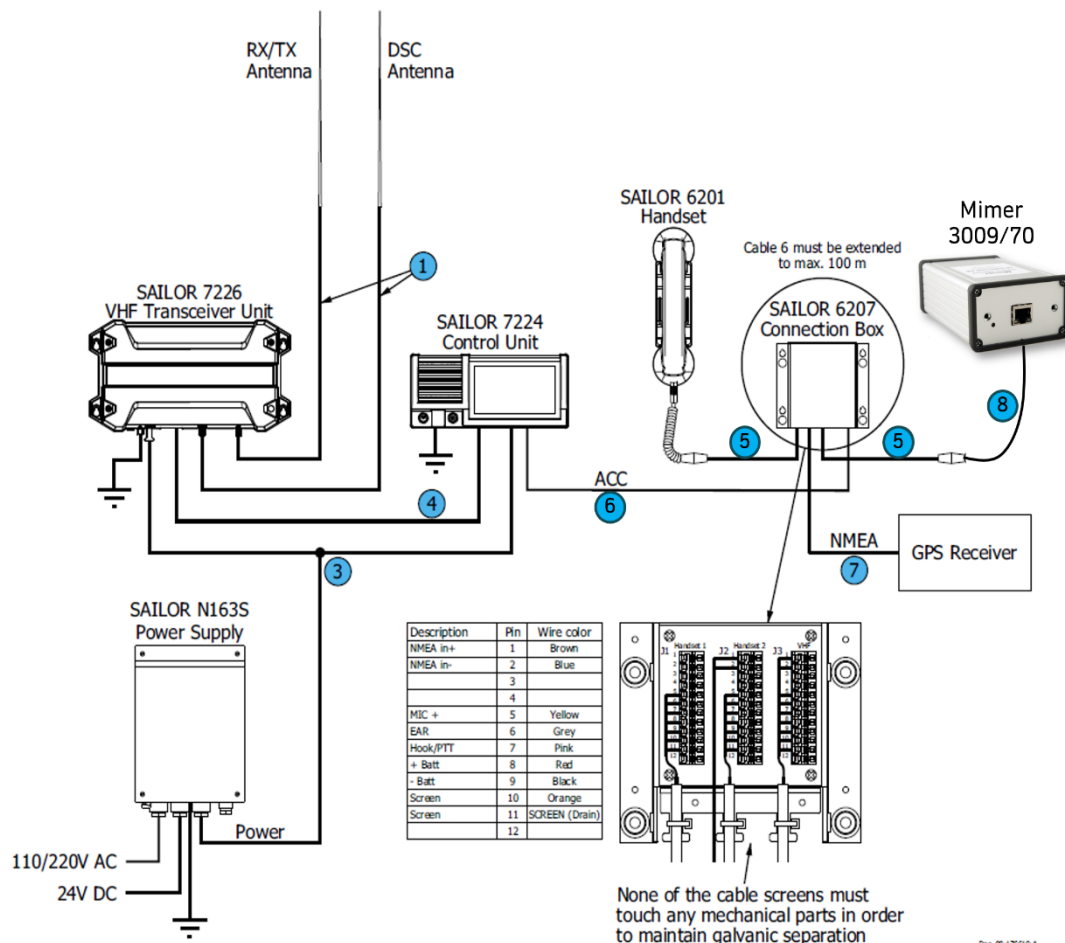


Showing the setting for hiding the key, and the VCH w/o Distress key

Using a handset in parallel with Mimer

The Sailor 7222 has only one connector for a handset. This is normally used to connect the audio and PTT to the Mimer Network Interface.

If the radio shall be used local when also connected to the network interface, there is a need for an extra box. This is a standard accessory from Sailor.



Drawing from the Sailor installation manual, with add-on for Mimer

Order the following:

- Connection box 6207 including cable 406209-941 (Nr 6 in the drawing)
- 2 x Connection cable 406209-940 (Nr 5 in the picture)

Connect the cables in the 6207 box. Instructions comes with the box.

Connect the handset to one lead and the Mimer cable 3092 (Nr 8 in the drawing) to the other. They are parallel.

Virtual Control Head Functions

