

## 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.

All SoftRadio operators work in parallel, to the same radio, with the same information shown on their screens.  
*But note that, the screen on the actual radio unit will not always be in sync and show the same menu.*

*The first version of the 7222 software is not complete. It has about 90% of the functions ready.  
Channel change, DSC-signalling, dual watch etc works in full.*

#### 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.

#### 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.

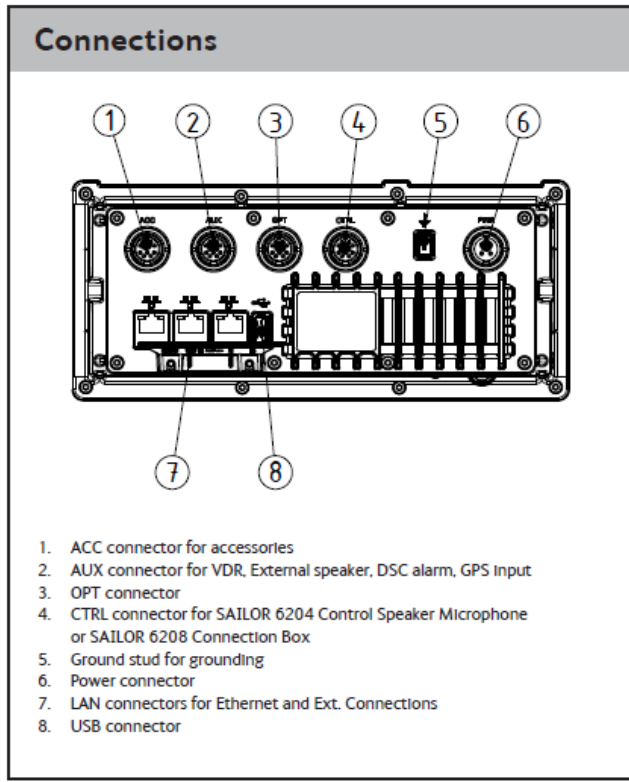


Cable Kit Sailor

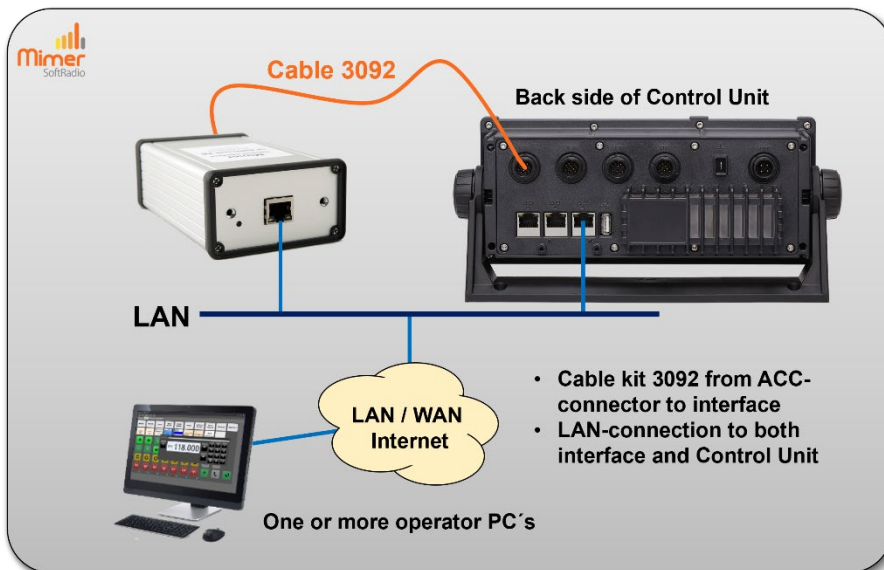


## Connectors at the rear of the control unit

- 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.

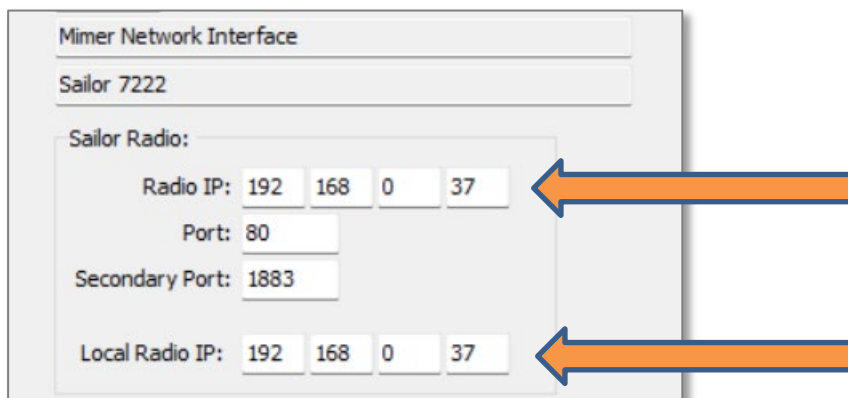
### Radio IP address

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.

### 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.

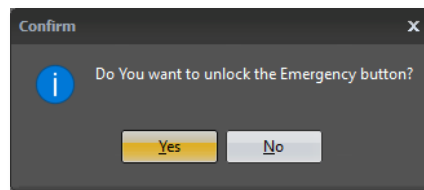


Here you can also set a remote IP address and TCP port if you would like to install the radio in another LAN subnet than the network interface. Then set “Radio IP” to the WAN address that the radio is connected to.

## Distress button

*The Distress Button is not active in the first version of the 7222 software.*

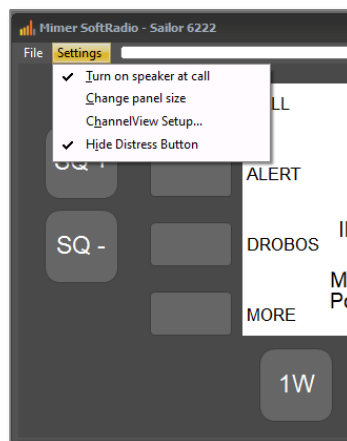
When pushing the Distress key, you will get a dialogue box, as to the right. This double function is the equivalent of the lid over the physical key on the radio.



To activate Distress you need to push the "YES" key for 5 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*



## Virtual Control Head Functions

The image shows a screenshot of the Mimer SoftRadio interface. The interface displays a large digital display showing '14' and 'SIMPLEX-PORT'. Below the display, there is a grid of softkeys including CALL, WATCH, HOME, ALERT, DSC TEST, 1W, DROBOSE, REPLAY, 16/C, DSC, and SETTINGS. A 'DISTRESS' button is highlighted in red at the bottom left. The interface also shows coordinates (LAT 59°23.8823' N, LON 017°56.9216' E) and time (08:45 UTC). Callouts explain various functions: 'Settings for: Control head size and radio display in SoftRadio', 'Display is a copy of the radio display', 'Distress', 'Softkeys Works as the keys on the radio', and 'Arrowkeys, same as scrolling the rotary on the radio'.

**Mimer**  
SoftRadio

**Settings for:**  
Control head size  
and radio display  
in SoftRadio

**Display** is a copy  
of the radio  
display

**Distress**

**Softkeys**  
Works as the keys  
on the radio

**Arrowkeys**, same as  
scrolling the rotary on  
the radio

Mimer SoftRadio - Sailor 7222  
File Settings

MMSI: 123987564

INT

14

SIMPLEX-PORT

LAT 59°23.8823' N  
LON 017°56.9216' E  
08:45 UTC | GNSS

DISTRESS

CALL WATCH HOME  
ALERT DSC TEST 1W  
DROBOSE REPLAY 16/C  
DSC SETTINGS