

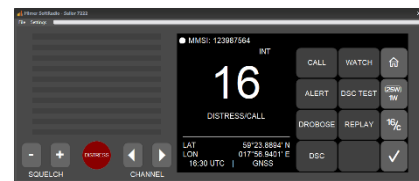
## Cable Kit 3092 Interface 3009/70

### 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.



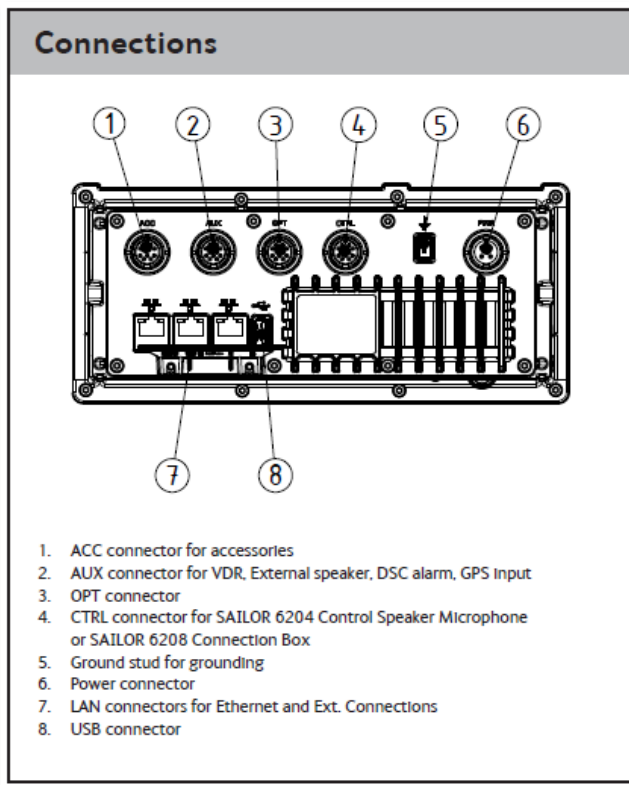
*Cable Kit Sailor*



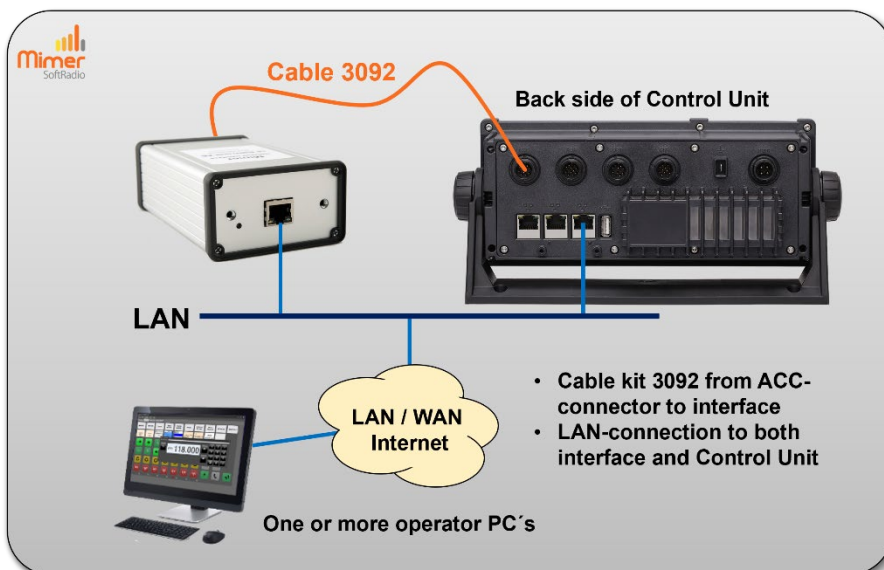
*Sailor control head*

## 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!*

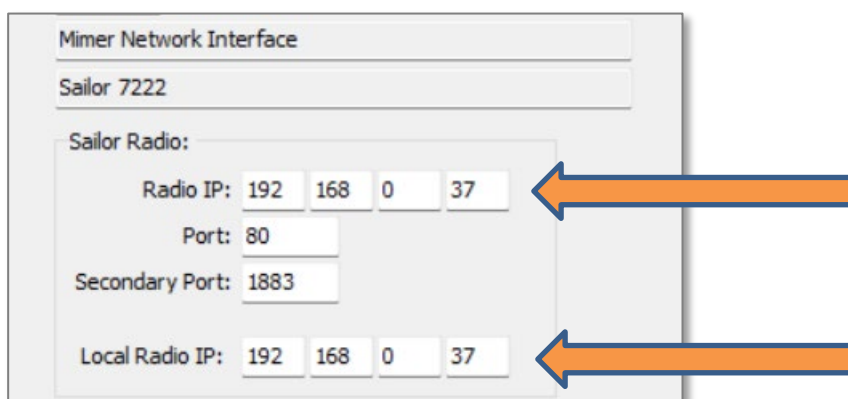
This is done on the radios front panel in the Settings menu.

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.



### 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.

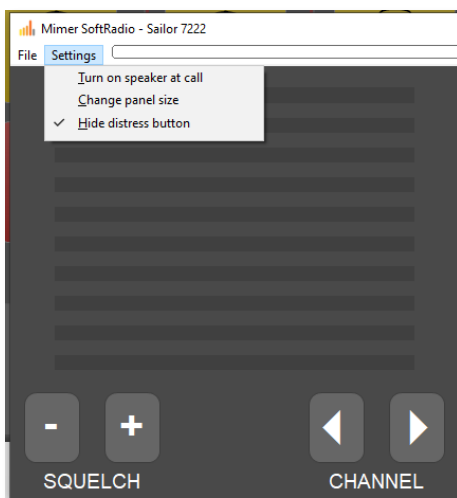
### Distress button

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*

## Virtual Control Head Functions

The image shows a screenshot of the Mimer SoftRadio interface. The interface is divided into several sections. At the top left is the Mimer SoftRadio logo. The main display area shows a radio interface with a large '16' in the center, indicating the current channel. Below the channel number, it says 'DISTRESS/CALL'. To the right of the channel number is a grid of softkeys: CALL, WATCH, a home icon, ALERT, DSC TEST, 25W 1W, DROBOSE, REPLAY, 16/c, DSC, and a checkmark. Below the softkeys, there is a section for coordinates: LAT 59°23.8894' N, LON 017°56.9401' E, and 16:30 UTC | GNSS. At the bottom of the interface, there are several control buttons: a minus sign, a plus sign, a red circular button labeled 'DISTRESS', and two arrow keys labeled 'CHANNEL'. Callout boxes provide the following information:

- Settings for: Control head size and radio display in SoftRadio** (points to the top of the interface)
- Softkeys Works as the keys on the radio** (points to the softkey grid)
- Display is a copy of the radios display** (points to the main display area)
- Plus/Minus, Squelch setting** (points to the minus and plus buttons)
- Distress, opens the Distress dialogue** (points to the red DISTRESS button)
- Arrowkeys, Channel up/down** (points to the left and right arrow buttons)