Cable Kit 3227
Interface 3009/47

Mimer SoftRadio – TP7000 & TP929M

Remote functionality

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

It will also present a virtual control head, to the operator, where the working channel can be selected.

Channel programming

The channel numbers that are available for selection in the base radio needs to be setup in a list in the Virtual Control Head. And the channels that are duplex needs to be setup in the Network Interface.

See instructions on the following pages.

Radio programming

No special programming is needed in the radio.
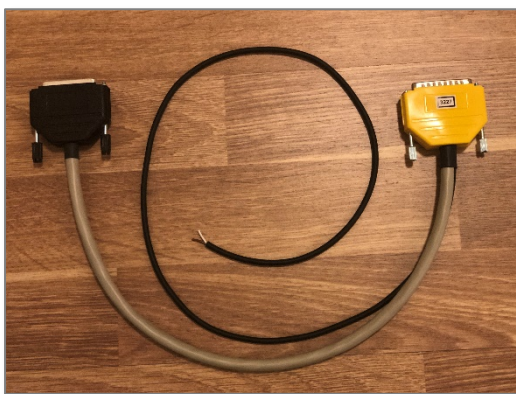
Power Supply

The interface takes it power from the radio unit.

External Tx-Relay

The cable kit has an extra lead that is meant for switching an antenna relay when the radio transmits.

Brown Cable = Earth
White Cable = +5V at Tx

Cable Kit 3227

Setup of channels

A list of the base radios available channel numbers is needed in the application in order <u>not</u> to set the base radio to a channel number that is unprogrammed.

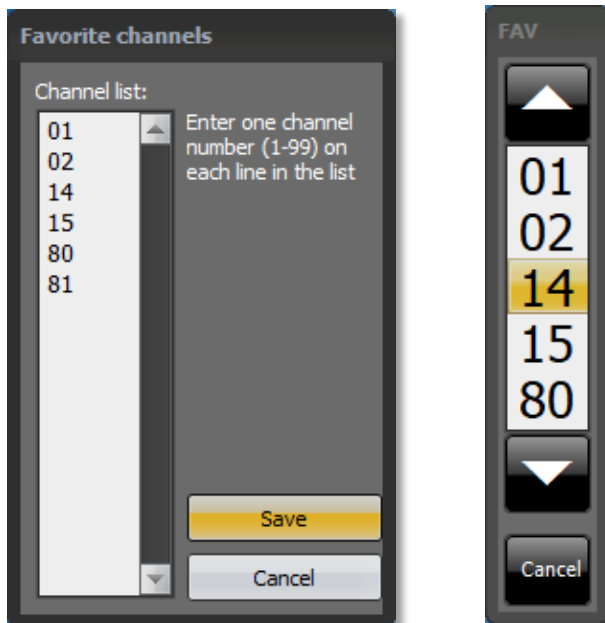This needs to be done once for each radio and for each operator PC.

Select "Favorites – Edit Favorites" from the scroll down menu on the Virtual Control Head.
Enter the channel numbers that are allowed for selection from the operator.
Push "Save".

When the list is in place selections can only be done with these channel numbers, and the up/down arrows will select from the list.

If no list is entered, all channels from 01-99 are available, programmed in the radio with a frequency or not.

In marine configurations CH16 is always available from the dedicated key.

Menues for setup of favorite channels and for selection of favorites

Copy the file

The favorite list can be copied from one PC to another. It is called for example "TP7000Ra108.favs" for radio ID 108, and is placed in C:\Users\Public\Documents\Mimer\Favorites.
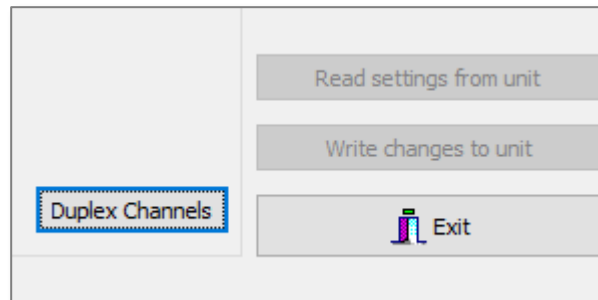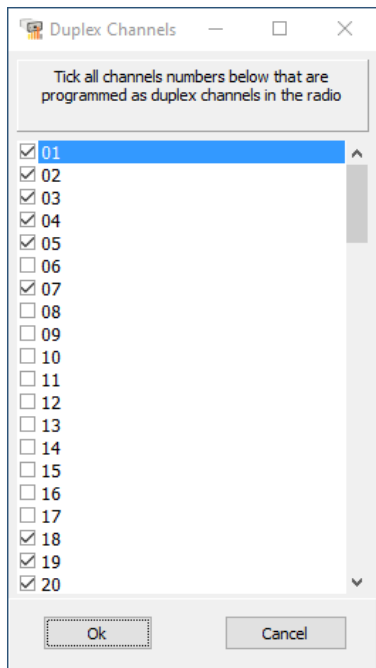
Or you can copy the whole "Favorites" folder.

Setup of duplex channels

SoftRadio is basically a simplex system, receive audio is blocked while you transmit. However on duplex capable channels you might want to listen to the reception at the same time as you transmit.

The TP7000 does not inform SoftRadio if the channel is simplex or duplex, so a list has to be set in the Network Interface.

The list is preset for the standard Marine Channel setup. And can be changed through the Network Interface Setup program.
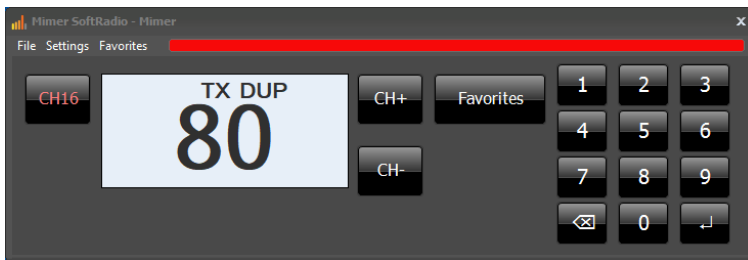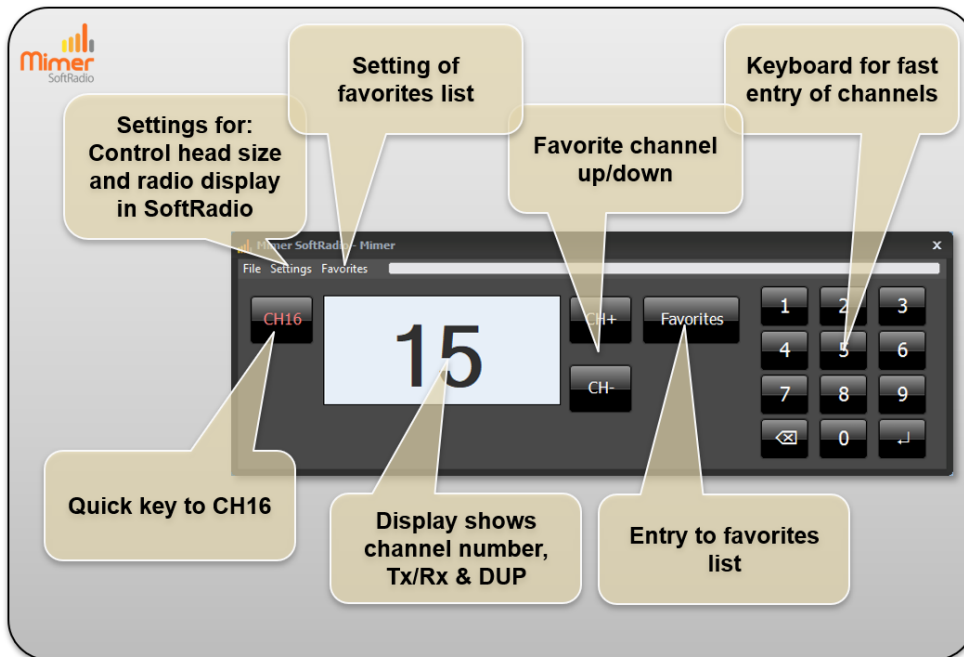
Open the list through the key "Duplex Channels".

Select/unselect the duplex channels and then push "OK".

Push "Write changes to unit"

If no selections are made in the list, the audio will be simplex over the IP connection and no "DUP" marking will be shown in the display.

Virtual Control Head functions

Virtual Control Head, duplex channel while transmitting