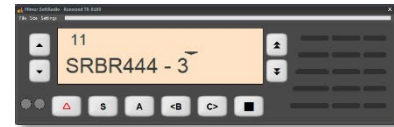# Cable Kit 3116
Interface 3009/33

Mimer SoftRadio – Kenwood TK-7360/8360

Remote functionality

This cable kit will together with the Mimer Network Interface give a virtual control head with full keypad functionality, most of the display and remote control of the radios audio and PTT functions.

Radio programming

GPIO Pin 10 shall be programmed for external PTT active low.
Also COM-port 1 needs to be active with PC-protocol version 2.
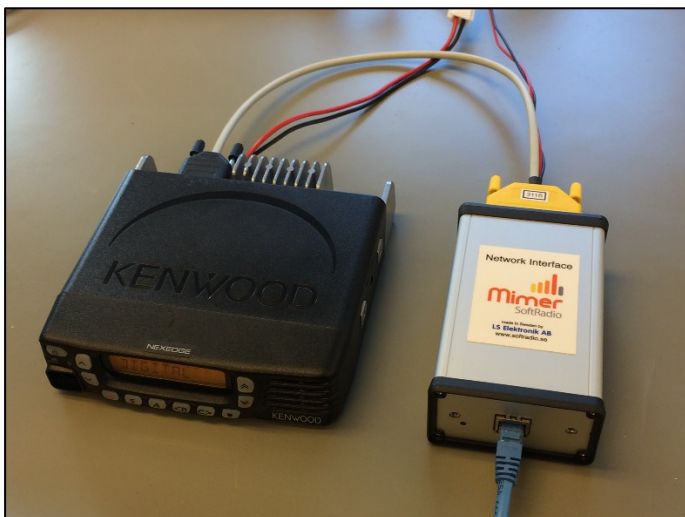See attached screen shots for details.

If you have many channels programmed in the radio it is a good idea to be able to select them from the keypad. Se tip on page three.

Apart from that, no special programming is needed in the radio.

Cable Kit

The red and black wires shall be connected to 12VDC, red is positive.
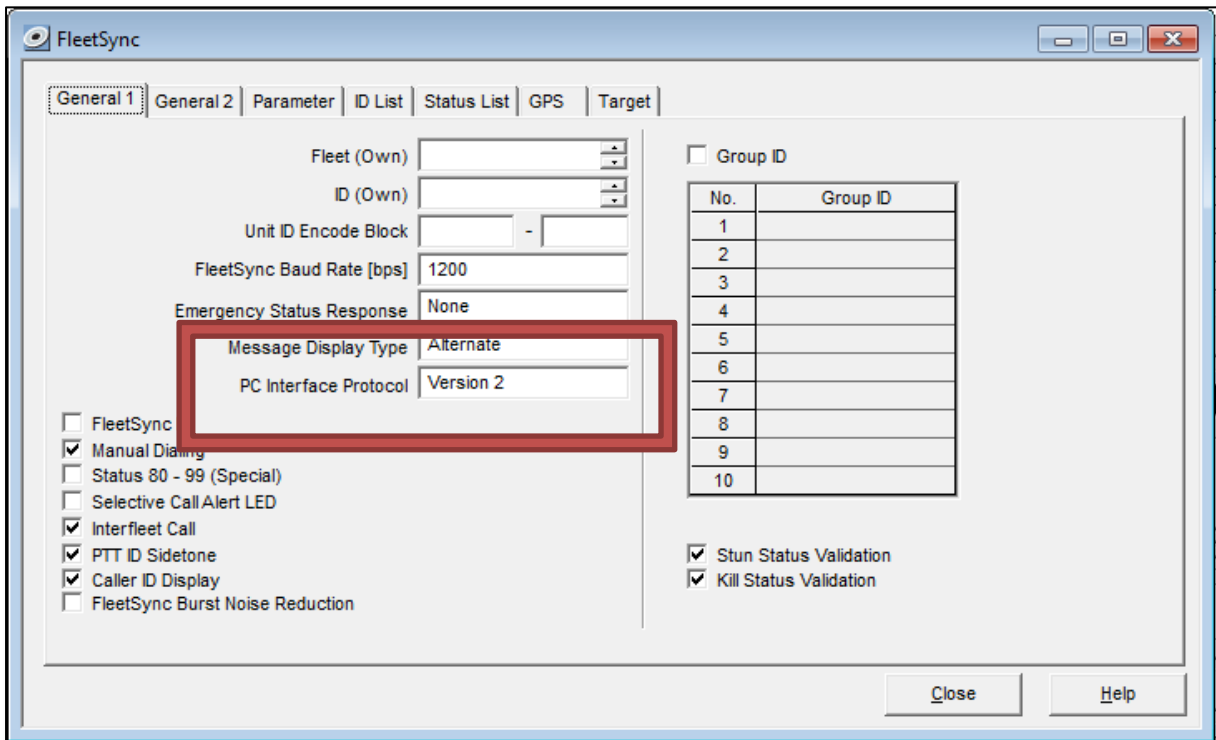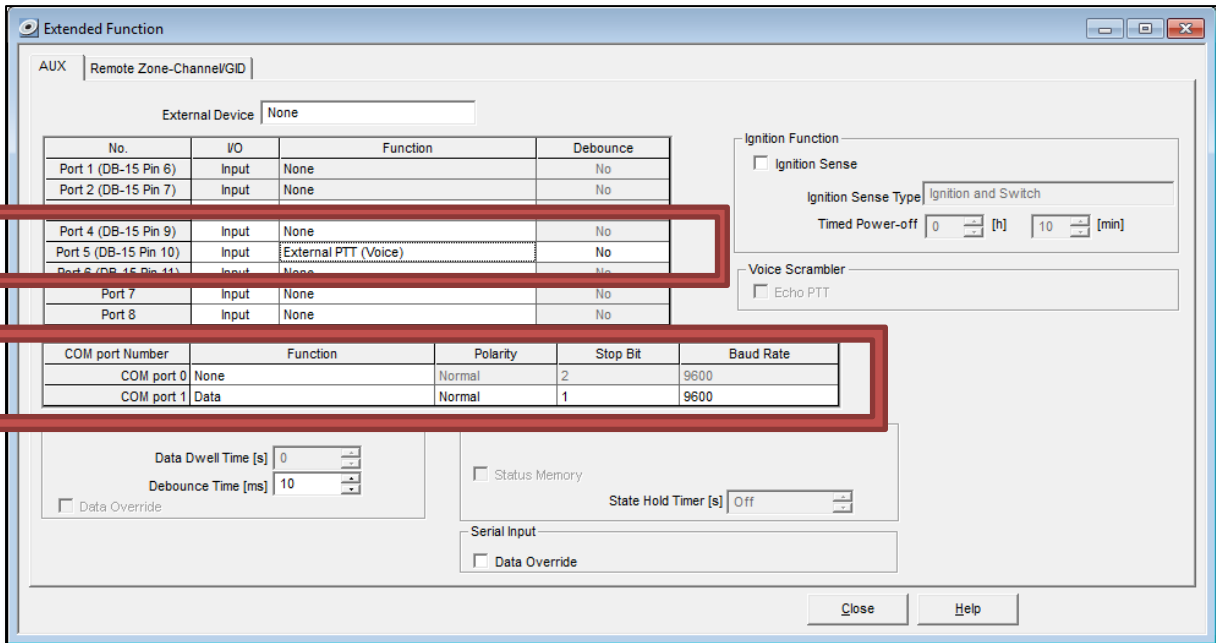
The network interface consumes max 0,3A.

*Network Interface connected to a Kenwood radio*

Screen shots from the radios programming software
PTT and Data settings

Extended Function

No.	I/O	Function	Debounce
Port 1 (DB-15 Pin 6)	Input	None	No
Port 2 (DB-15 Pin 7)	Input	None	No
Port 4 (DB-15 Pin 9)	Input	None	No
Port 5 (DB-15 Pin 10)	Input	External PTT (Voice)	No
Port 6 (DB-15 Pin 11)	Input	None	No
Port 7	Input	None	No
Port 8	Input	None	No

External Device: None

Ignition Function
- Ignition Sense
- Ignition Sense Type: Ignition and Switch
- Timed Power-off: 0 [h] 10 [min]

Voice Scrambler
- Echo PTT

COM port Number	Function	Polarity	Stop Bit	Baud Rate
COM port 0	None	Normal	2	9600
COM port 1	Data	Normal	1	9600

Data Dwell Time [s]: 0
Debounce Time [ms]: 10
Data Override

Status Memory
State Hold Timer [s]: Off

Serial Input
- Data Override

Close   Help

FleetSync

Tabs: General 1 | General 2 | Parameter | ID List | Status List | GPS | Target

Fleet (Own):
ID (Own):
Unit ID Encode Block: -
FleetSync Baud Rate [bps]: 1200
Emergency Status Response: None
Message Display Type: Alternate
PC Interface Protocol: Version 2

- [ ] FleetSync
- [x] Manual Dialing
- [ ] Status 80 - 99 (Special)
- [ ] Selective Call Alert LED
- [x] Interfleet Call
- [x] PTT ID Sidetone
- [x] Caller ID Display
- [ ] FleetSync Burst Noise Reduction

- [ ] Group ID

No.	Group ID
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

- [x] Stun Status Validation
- [x] Kill Status Validation

Close   Help

Keypad settings

If you have many channels programmed it can be a good idea to activate the keypad on the virtual control head and to program the radio for "Channel Entry" through the keypad. You set this as "Microphone Keypad" since it is the keypad on the keypad microphone that SoftRadio mimics.
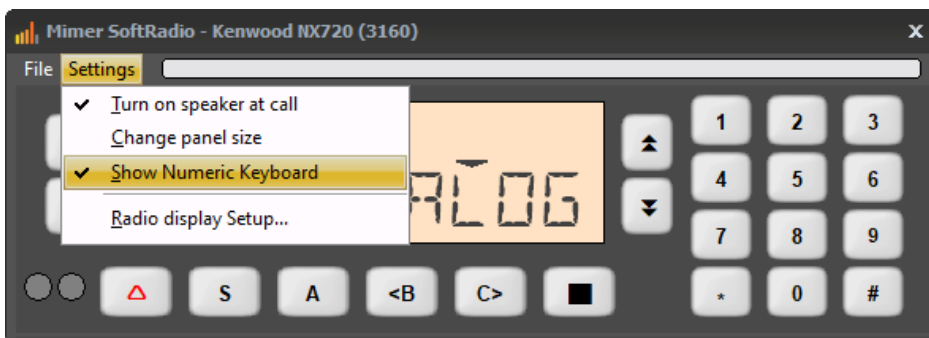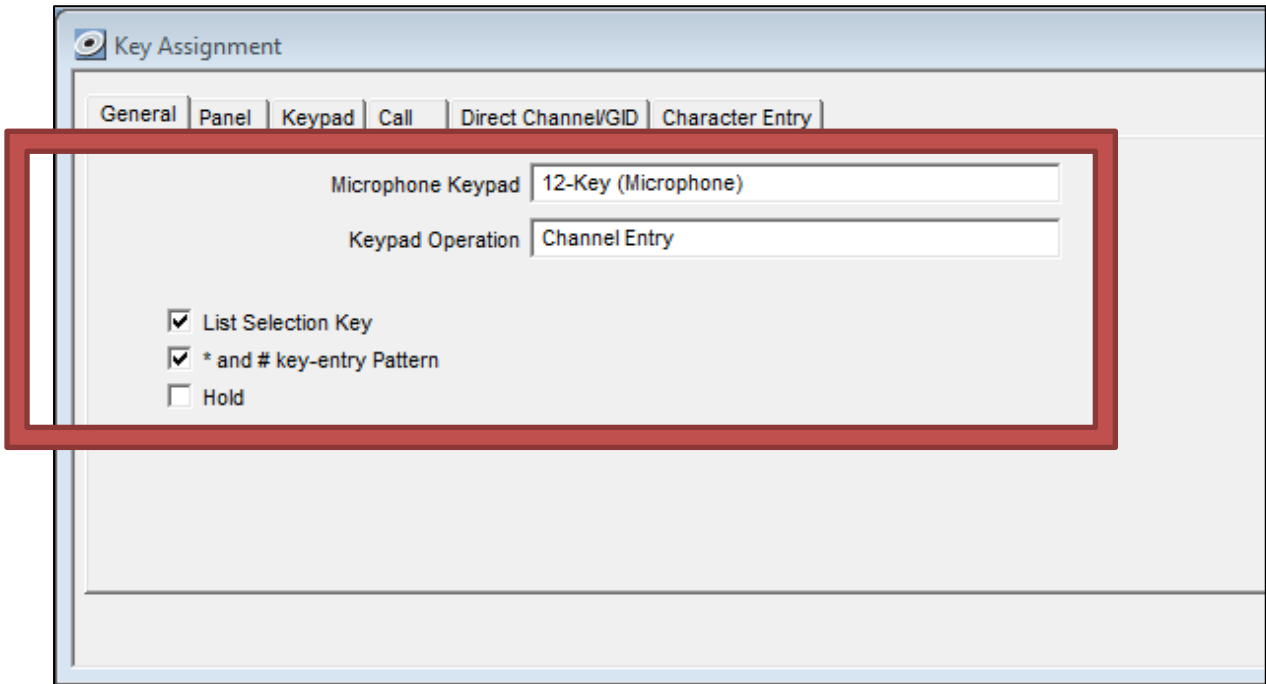
Select to show the keyboard on the Virtual Control Head.

If the radio is programmed as above: To select a channel you just hit
* and the channel number or # and the channel number.