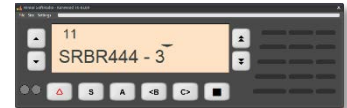


## Cable Kit 3035/02 Interface 3009/30

### Mimer SoftRadio – Kenwood TK-718X/818X-series

#### Remote functionality

This cable kit will together with the Mimer Network Interface 3009/30 give a virtual control head with full functionality and remote control of the radios audio and PTT functions.



#### Radio programming

GPIO Pin 13 shall be programmed for external PTT active low. The External PTT (voice) shall be connected to the MI2 line. Data settings, see attached screen shots.

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

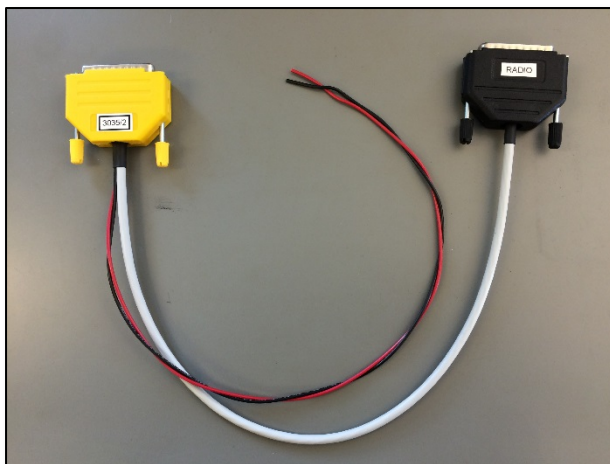
#### Radio Hardware setting

There are no hardware changes needed.

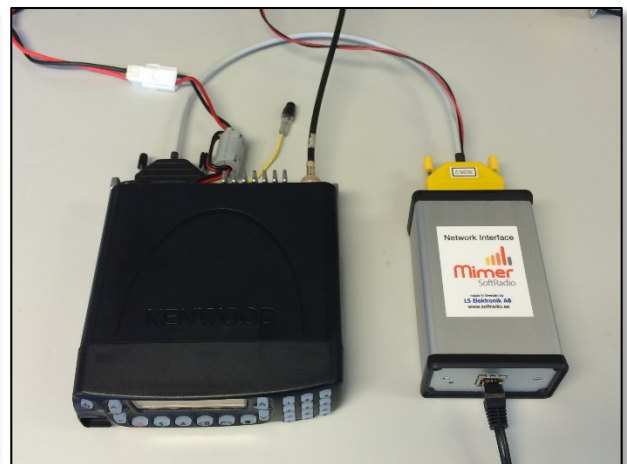
#### Cable Kit

The red and black wires shall be connected to 12VDC, red is positive.

The network interface consumes max 0,3A.



*CableKit 3035/02 for  
Kenwood TK-8189*



*Network Interface connected to  
Kenwood TK-8189*

## Screen shots from the radios programming software

### Microphone and PTT settings

#### Extended Function / AUX

External Device:

Pin number	I/O	Function	Active	Debounce
DB-25 4pin	Output	None	Low	No
DB-25 8pin	Output	None	Low	No
DB-25 12pin	Input	None	Low	No
DB-25 13pin	Input	External PTT (Voice)	Low	No
DB-25 15pin	Output	None	Low	No
DB-25 16pin	Output	None	Low	No
DB-25 20pin	Output	None	Low	No
DB-25 21pin	Input	None	Low	No
DB-25 22pin	Output	None	Low	No
DB-25 23pin	Input	None	Low	No
DB-25 24pin	Input	None	Low	No

**AUX Input**

Data Dwell Time [s]:

Mic Sense:

Debounce Time [ms]:

Data Override

**Mic Mute**

Front Mic

MI2

**AUX Output**

LOK Logic Signal:

Transmit Sense:

Status Memory (AUX Output Status Message)

#### Extended Function / Modulation Line

PTT	Connect to Modulation Line			With QT/DQT	With STE
	Mic Line	MI2 Line	DI Line		
Mic PTT	Connect	Disconnect	Disconnect	Yes	Yes
External PTT (Voice)	Disconnect	Connect	Disconnect	Yes	Yes
External PTT (Data)	Disconnect	Disconnect	Connect	Yes	Yes
Data PTT	Disconnect	Disconnect	Connect	Yes	Yes

**Modulation Line by External PTT (Voice)**

Mic:  Disconnect

MI2:  Connect

DI:  Disconnect

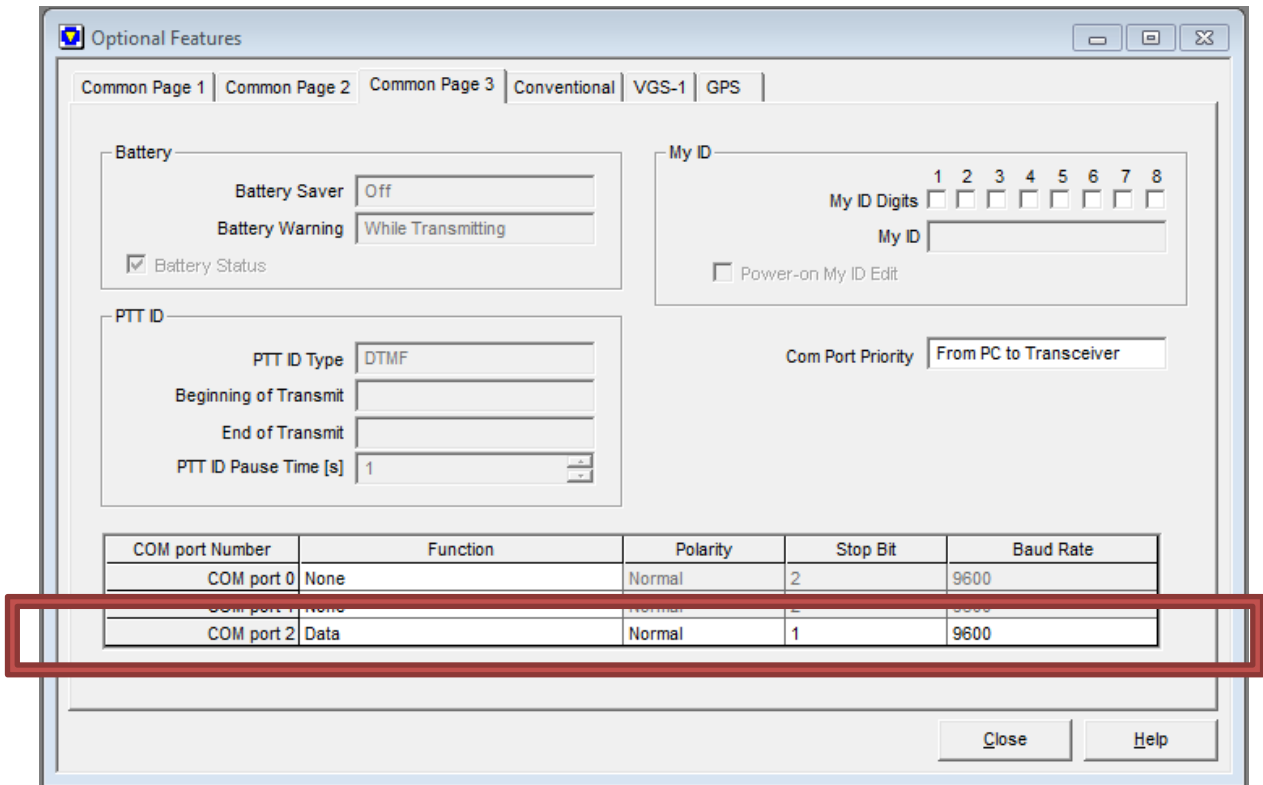
Audio Processor

Modulation Circuit

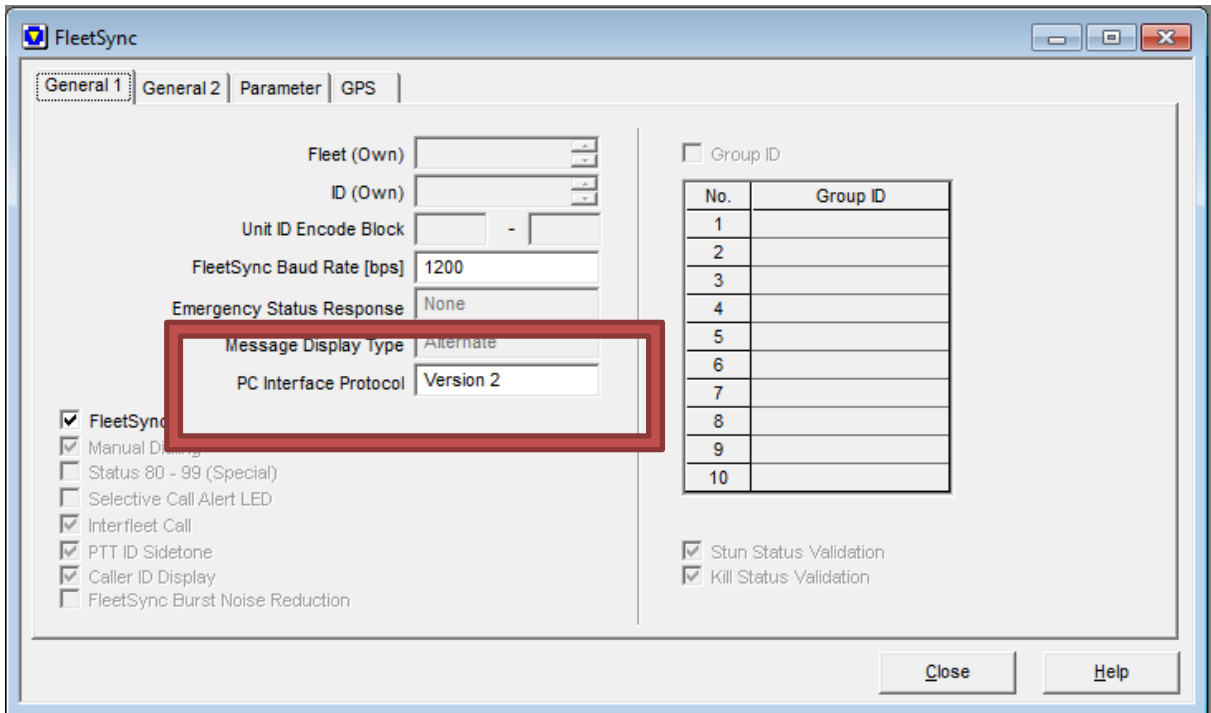
ANT

Data settings

Optional Features / Common Page 3



Fleet Sync / General 1



## Fleet Sync / General 2

