# Cable Kit 3022
# Interface 3009/16

## Mimer SoftRadio - Motorola MotoTrbo DM360X/DM460X
(DM4600 AKA: XPR5550, XPR5580, DGM5500, DGM8500, XiR M8660, XiR M8668)
(DM3600 AKA: XPR4500, XPR4550, XPR4580, DGM6100, XiR M8260, XiR M8268)

### Remote functionality
This cable kit will together with the Mimer Network Interface give remote control of the radios audio and PTT functions and it will present a full function Virtual Control Head on the operator PC.
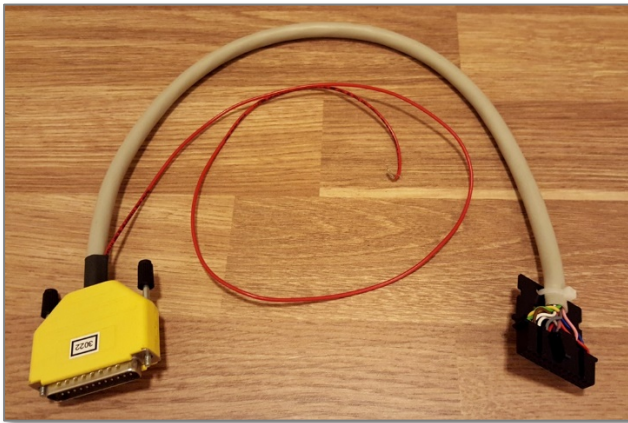
### Radio firmware
We recommend the use of 2.30.01 or later in DM460X radios.
All versions of firmware in DM360X works.

There is a setting in the Network Interface to choose between DM360X or DM460X radios. See further down.

### Cable Kit
The single red wire on the cable kit shall be connected to the same +12V source as the radio.
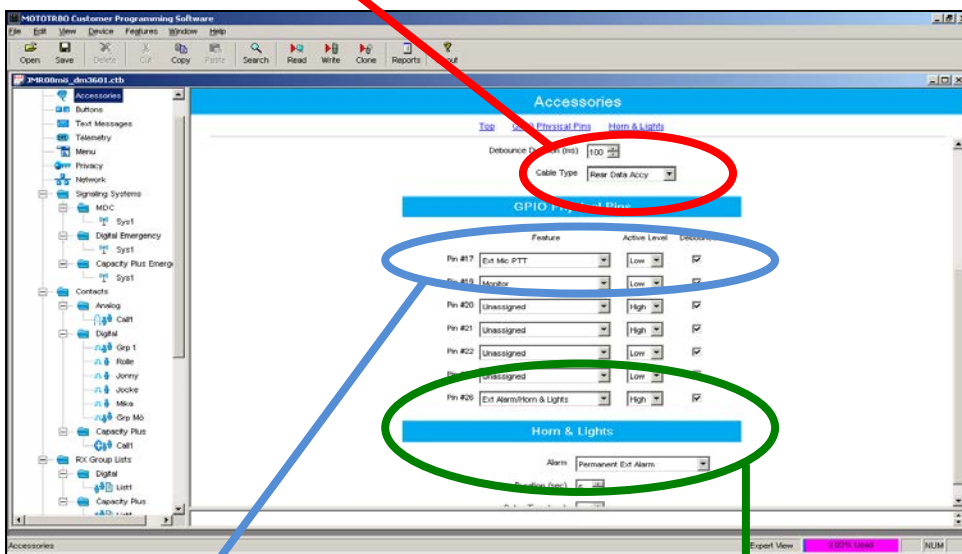
*Cable kit 3022 for MotoTrbo*

## Please note

The remote function cannot work at the same time as the radios programming cable is attached. Disconnect the programming cable before connecting the Network Interface. And then reboot the radio.

## Radio settings
One setting has to be changed in the radio for Mimer to get access. All other settings are default but might need to be checked if something is not working as intended.

## Cable Type
The setting to change is "Cable Type" on the Accessories page:
Set to **"Rear Data Accessory"**



## Microphone
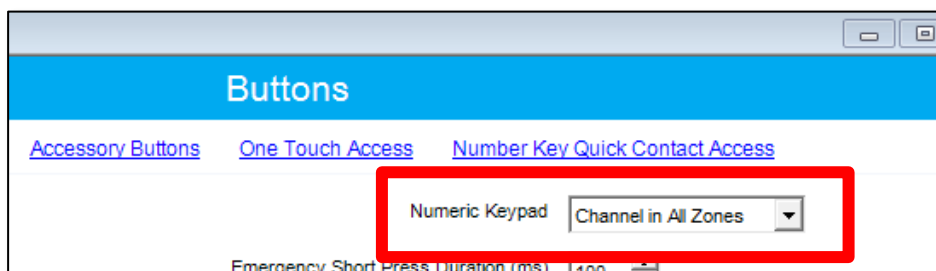GPIO Pin #17 should be set to Ext Mic PTT, active Low.

## External Alarm
GPIO Pin #26 should be set to Ext Alarm, High, and Alarm to "Permanent Ext Alarm" if you want Mimer to react to selective calls.

## Keypad use
The keypad on the Virtual Control Panel, on DM460X, can be used for channel change. This is practical if you have many channels and don´t want to use the arrows to step up/down.
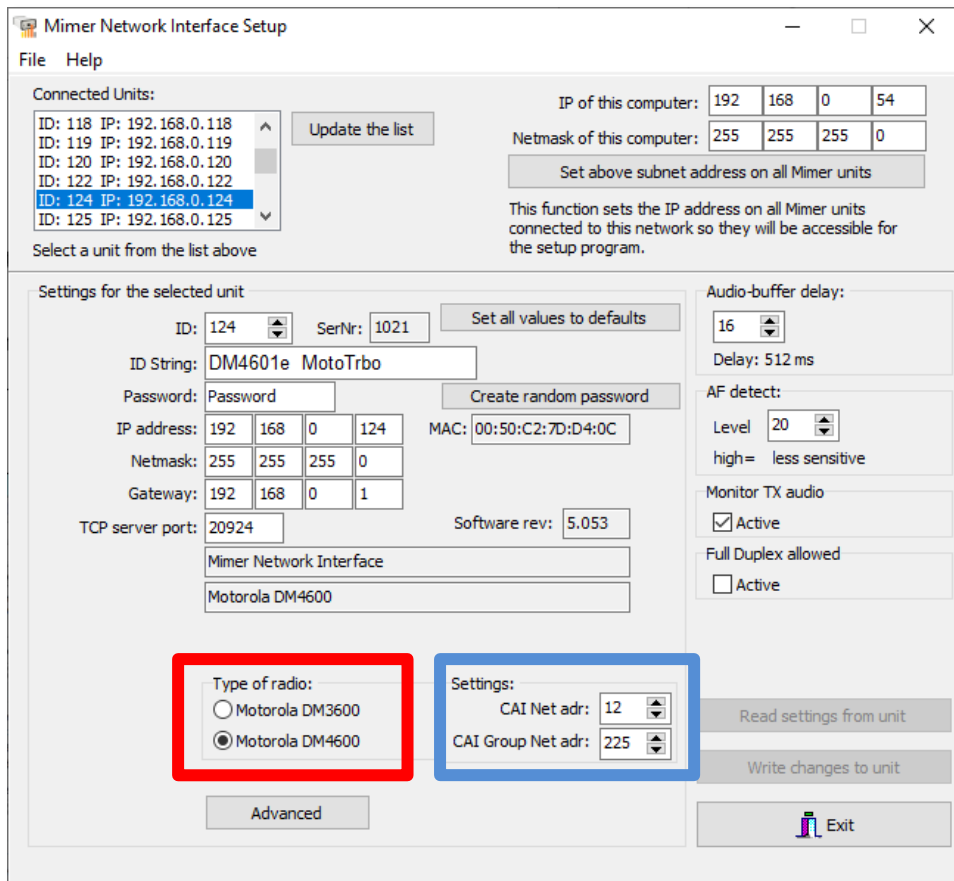Program "Numeric Keypad" to "Channel" under the "Buttons" menu.

## Interface settings

In "Mimer Network Interface Setup" there are two extra settings for MotoTrbo radios.

- You need to set the type of radio you are connecting, the old DM3600 series or the new DM4600 series.

- If you are using a non-default type of DMR network, you also need to set the CAI Network Address. This is very seldom needed.

## Virtual Control Head functions



Icons for Tx/Rx, scanning, H/L-power etc

Full radio menu

Keyboard for fast entry of ID´s

Presentation of Channel/Talkgroup alias

Hot keys P1-P4 with short and long press

Presentation of hot keys

Channel/Talkgroup Up/Down