

## Connect Motorola MTM5400 to Mimer X-Link

Also MTM5200 (but not MTM5500)

### Interface Power Supply

+12VDC / max 0,3A.

See wiring diagram on following pages.

### Radio programming Motorola MTM5400

- The PEI-port baud rate shall be set to 57600.  
No parity, No flow control, 1 stop bit, 8 data bits
- The audio ports in the back of the radio shall be active.

See screen shots on following pages.

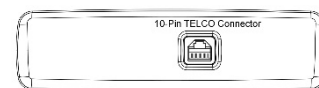
The radio is connected through the back port only.

### Hardware configuration of MTM5400

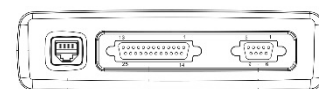
A radio control head can be mounted, but does not need to be mounted.

The cable kit connects to the back port on the radio, both for audio and PEI. This will be right for radios with the control head mounted directly on the transceiver and for radios with the “Remote Head” (PMLN4904) mounted on the transceiver.

Radios with the “Data Expansion Head” (PMLN4908) mounted, automatically switches the PEI port to the DB9 connector on the front, and another type of cable kit needs to be used. (Same as MTM5500)



*PMLN4904*

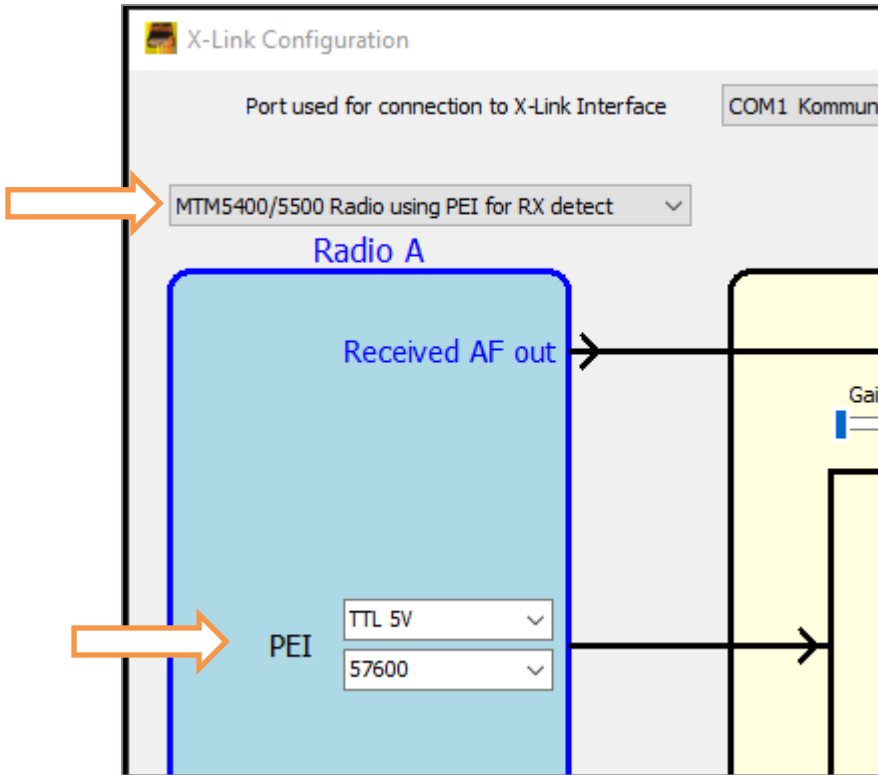


*PMLN4908*

### Settings in the X-Link interface

Select the proper settings for Radio A or Radio B depending on your connection.

- MTM5400/5500 Radio using PEI for Rx detect
- TTL 5V
- 57600 Baud



*Part of the Configuration software window*

Check/adjust the audio levels in both directions in the interface so that the users hears the X-Link with the same level as when listening to other radios.

See the X-Link setup manual for details on setting the audio level.

**Screen Shots of MTM5400 settings:**

	Field Name	Field Value	Set Default
▶ 1	Baud Rate	57600	Set Default
2	Parity Bit	PARITY_NONE	Set Default
3	Flow Control	No flow control	Set Default
4	Stop Bits	1	Set Default
5	Data Bits	8	Set Default

*Data Services / PEI Parameters*

**Audio Settings:**

	Field Name	Field Value	Set Default
▶1	Rx Audio Line Output Type	0dB Point	Set Default
2	Preferred Emergency Accry - Transceiver	Last Active Mic	Set Default
3	Visor Mic Rear Accry Interface	MIC1/EXT_MIC (pin #13 RAC)	Set Default

	Field Name	Field Value	Set Default
1	Visor Mic Rear Accry	PMMN4087	Set Default
2	Handset Rear Accry	Unassigned	
3	Fist Mic Rear Accry	Unassigned	Set Default
4	Ext Speaker Rear Accry	RSN4002	Set Default
5	Line In Rear Accry	Unassigned	
▶6	Expansion Mic	Unassigned	Set Default

*Transceiver Accessories Setup / Settings*

**Connection Cable:**

Select the proper configuration below depending on if your radio will be connected as Radio A or Radio B to the X-Link interface.

