

Connect Motorola MTM5500 to Mimer X-Link

Also MTM5200 and MTM5400 with PMLN4908

Interface Power Supply

+12VDC / max 0,3A.

See wiring diagram on following pages.

Radio setup

- 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.

Hardware configuration

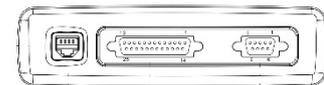
A radio control head can be mounted, but does not need to be mounted.

The X-Link is connected through the DB9 on the front of the Ethernet Expansion Head, PMLN7009, and to the back port.

MTM5200&5400 with the “Data Expansion Head” (PMLN4908) mounted, automatically switches the PEI port to the DB9 connector on the front, and shall there for be used with the same cable kits as the MTM5500.



PMLN7009

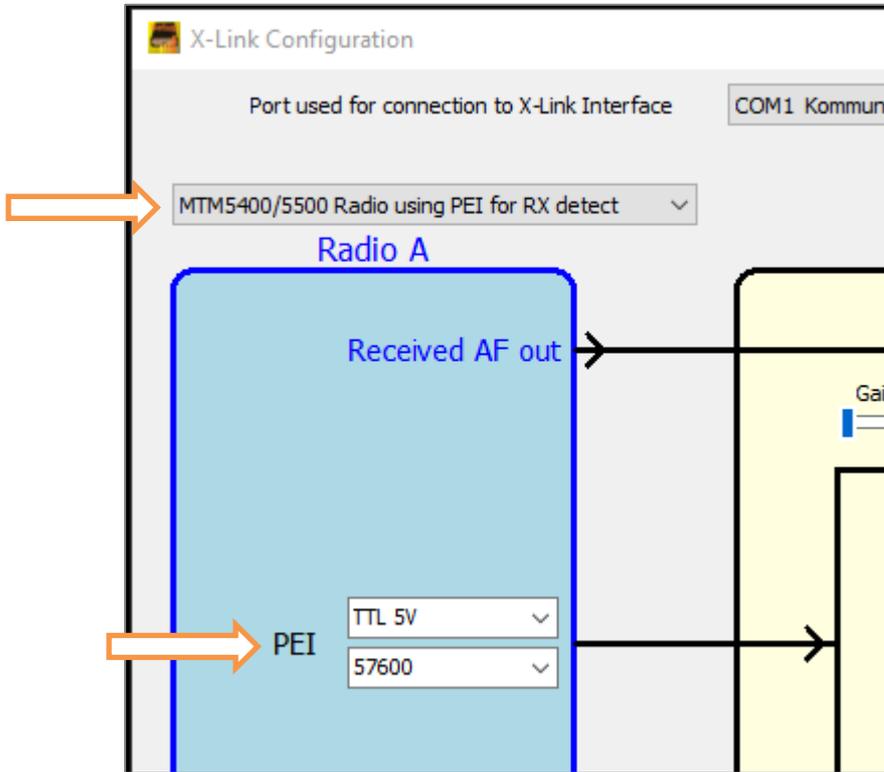


PMLN4908

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 radio 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.



Drawing missing