

X-Link Cable kit 3373

Connect a Hytera MD785 to Mimer X-Link MK2

Also works with the Tetra mobile Hytera MT680

Also refer to the X-Link setup manual.

Interface Power Supply

12VDC / max 0,3A. Power connection through separate cable delivered with the interface. Red is positive.

Programming

See screenshots on following pages.

Connection

Connection is done in the back port of the radio unit.

Settings in the X-Link interface

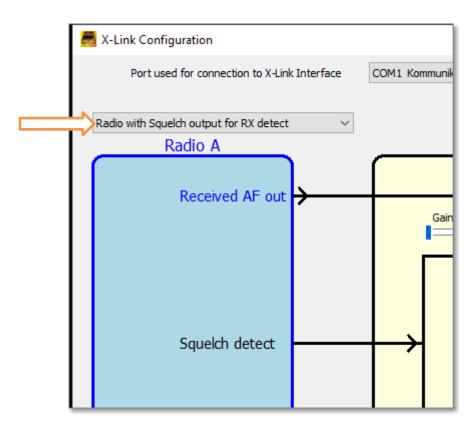
Select the proper settings for Radio A or Radio B in the X-Link setup software, depending on how you connect to the interface.

The MD785 series radios have an output signal that triggers when the channel is active. Depending on radio model and radio system you can set it, in the radio, to trigger on Squelch or PL-detect.

This is preferred to using the VOX detect function in the X-Link.

Therefor set the X-Link to use:

• Radio with squelch output for Rx detect





Check/adjust the audio levels in both directions in the interface so that the users can hear 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.

Radio programming MD785

- Port 16 shall be set to Ext. Mic PTT, active low.
- Port 23 shall be set to Carrier Detect, active low

See screen shot below.

MD785G	GPIO Pins Data Revert Channel Selected	•
Common Conventional General Setting	Debounce Duration [ms] 100	
Setting	Active Level Feature	Debounce
Buttons	Pin#3 Low None	•
	Low To High None	-
UI Indication	High To Low None	*
Cone Channel Channel Chanlog Service Digital Common	Pin#5 High	•
	Low To High None	Ŧ
DMR Services	High To Low None	¥
erergency	Pin#12 Low None	▼ ▼
DMR Trunking	Low to high	
	High To Low None	T
	Pin#16 Low Ext Mic PTT	▼ ▼
	Low To High None	· •
	High To Low None	*
	Pin#20 Low None	•
	Low To High None	*
	High To Low None	w
	Pin#22 Low None	-
	Low To High None	Y
	High To Low None	*
	Pin#23 Low Carrier Detect	▼ ▼
Rektangulärt klipp	Low To High None	Y
	High To Low None	-

General Settings / Accessories

Radio programming MT680

Similar settings as above will need to be done in the radio. *No screen shots available for the moment.*