

Cable Kit 3022/02 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) Also works with the e-versions.

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

The network interface consumes max 0,3A.







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**"

Device Licenses Tools Help								
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Save Read Write	Clone Clone Express	Update	Register Acti	ate :				
4600-ID211 • Accessories								
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리 Configuration								
Device Information	General			1.11 (1.11 - 1 1 (1.11	farmer -			-
General				Hook Type	Disabled	E		
Welcome Bitmap				Volume Control	Con 106 On Inniti		Ê.	
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Zone/Channel Assignment		dPios	Unassigned	High		2		
Scan Lists		6807	unassigned	High				
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		PROTO	Ext Alarm/Horn & L	High				
	Horn & Lights							
				Am	Permanent Ext A	larm		
				Duration	1.00			
				Delay Time (sec)	7		8	

Microphone

GPIO1 (Pin #17) should be set to Ext Mic PTT, active Low.

External Alarm

GPIO10 (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.

LSE DM4600-ID211.ctb2 - MOTOTRBO CPS 2.0	-	
File Device Licenses Tools Help		
Den Save Read Write	届目 ────────────────────────────────────	
LSE DM4600-ID211 Control Buttons*		×
Set Categories	General Conventional Radio Buttons Mobile Conventional Accessory Buttons Mobile One Touch Access	
▼	Number Key Quick Contact Access	
Device Information		
General	General General	1
Welcome Bitmap	Numeric Ke ad Channel in All Zones	
General Settings	Emergency Short Press Duration ns) 100	
Accessories	Long Press Duration (ms) 1000	•
Control Buttons	Dual Knob Press Duration (ms) 500	- 1
Text Messages	Channel Up/Down via Knob	- 1
Telemetry		- 1
Menu	ensure channel op/bown is assigned to a programmable button when the above control is unchecked.	- 1
Security	🐼 Conventional Radio Buttons Mobile	- 1
Network	Short Press Long Press	
Voice Announcement	Front	- 1
Job Lickets	Button Message Zone Selection	

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

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🖷 Mimer Network Inter	face Setup						-			×
File Help										
Connected Units:				IP	of this computer	192	168	0	54	1
ID: 118 IP: 192.168.0. ID: 119 IP: 192.168.0.	118	Update the list		Netmask	of this computer	255	255	255	0	Ī
ID: 120 IP: 192.168.0.	ID: 120 IP: 192.168.0.120			Set above subnet address on all Mimer units					s	Ĩ
ID: 122 IP: 192.168.0.	124			This funct	ion sets the IP a	ddress o	n all Mim	er units		
ID: 125 IP: 192.168.0.125 Connected to this network Column to the list of the list of the setup program				d to this network	so they	will be a	ccessible	e for		
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ID String:	DM4601e	MotoTrbo				Delay	: 512 ms	;		
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IP address:	192 168	0 124	MAC: 00:5	0:C2:7D:0	04:0C	Level	20			
Netmask:	255 255	255 0				high=	less s	ensitive		
Gateway:	192 168	0 1	Coffeen		052	Monito	r IX aud	10		
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