

TELEPHONE INTERFACE SOFTWARE

Cod.: 97714I V02_13

This application allows for the programming via PC of the different options/parameters of the telephone interface by establishing bi-directional communication with the equipment. The application displays the current parameters on the screen and allows for you to edit them. The configuration is uploaded / downloaded to the interface via a mini-USB connection. During the PC connection the interface will lose its functions. You can power the interface from the USB connection to configure it.

Options/Parameters

The description of all options and parameters are described in the telephone interface manual cod. 97715) available at www.fermax.com.

- File.
 - Open. Open the existing configuration. You can select the folder. The file must have the `fmx' extension.
 - o Save. Save the current configuration in the selected file.
 - Save as. Save the current configuration in a file with an 'fmx' extension with the selected name and folder.
 - Exit. Close the application.

- Actions.

- Connect. Open a USB connection with the interface connected. It shows the firmware version and the dip-switch status.
- Read the parameters. Receive the interface's configuration and displays it on the screen.
- o Send parameters. Send the current PC configuration to the interface.

Notice: Install the USB interface drivers upon the first connection. It is supplied in the "Drivers USB" folder with the installation file.

- Language.

Application language selection. It is available in four languages (Spanish, English, German and French). The selected language is stored upon closing the application.

- ?. Display the current software version.

Once the software is installed and the application is executed, you access the screen displaying all of the previously described options and parameters.



🖻 In	terface Par	rameters Manager					x
File	Actions	Languaje ?					
		Parameter		Value		MCMn	
	PIN	PIN Code	(4 digits)		Mem.	Number	
	DOT	Door Opening Time	(0199")		1		
	RTC	Ring Call Time	(0199")		2		
	СТ	Conversation Time	(0199")		3		
	DDT	Divert Delay Time	(0199")		4		
	ART	Auxiliary Relay Time	(0099")		5		
	RC	Ring Cadence	(19")		6		
	CMPT	Conversation Mode with	outdoor pannel		7		
	CMDT	Conversation Mode with	divert telephone		8		
	VDScn	VDS call number	(001240)		9		
	SCMdn1	SCM divert number 1			10		
	SCMdn2	SCM divert number 2			11		
	MCMn	MCM numbers			12		
X	Port num	:: Status:			13		
4					14		
5	No	connect			15		
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le	Actions	Languaje ?						
	Open							
	Save Parameter Value						MCMn	-
	Save As	de	(4 digits)			Mem.	Number	
	Fxit)pening Time	(0199")			1		
-	all Time (0199")					2		
	СТ	Conversation Time	(0199")			3		
	DDT	Divert Delay Time	(0199")			4		
L	ART	Auxiliary Relay Time	(0099")			5		
	RC	Ring Cadence	(19")			6		
	CMPT	Conversation Mode with	outdoor pannel			7		
	CMDT	Conversation Mode with	divert telephone			8		
	VDScn	VDS call number	(001240)			9		
	SCMdn1	SCM divert number 1				10		
	SCMdn2	SCM divert number 2				11		
	MCMn	MCM numbers				12		
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	Wa	iting for action		17				
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Connection

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File	Actions	Languaje ?					
	Cor	nect					
	Rea	d Parameters eter	:	Value		MCMn	
	Sen	d Parameters	(4 digits)		Mem.	Number	
	וטע	Door opening time	(0199")		1		
	RTC	Ring Call Time	(0199")		2		
	СТ	Conversation Time	(0199")		3		
	DDT	Divert Delay Time	(0199")		4		
	ART	Auxiliary Relay Time	(0099")		5		
	RC	Ring Cadence	(19")		6		
	CMPT	Conversation Mode with	n outdoor pannel		7		
	CMDT	Conversation Mode with	divert telephone		8		
	VDScn	VDS call number	(001240)		9		
	SCMdn1	SCM divert number 1			10		
	SCMdn2	SCM divert number 2			11		
	MCMn	MCM numbers			12		
\mathbf{X}	Port num	:: Status:			13		
4					14		
3	O 11-				15		
2	ON O	connect			16		
ш	Waiting for action				17		
	0 114	101119 202 100101111		18			
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Language

E Int	terface Par	ameters Manager						x
File	Actions	Languaje ?						
		Español						
		English e	er	Value	I — [MCMn	
	PIN	Deutsch	(4 digits)			Mem.	Number	
	DOT	Française	(0199")			1		
	RTC		(0199")			2		
	СТ	Conversation Time	(0199")			3		
	DDT	Divert Delay Time	(0199")			4		
	ART	Auxiliary Relay Time	(0099")			5		
	RC	Ring Cadence	(19")			6		
	CMPT	Conversation Mode wi	th outdoor pannel			7		
	CMDT	Conversation Mode wi	th divert telephone			8		
	VDScn	VDS call number	(001240)			9		
	SCMdn1	SCM divert number 1				10		
	SCMdn2	SCM divert number 2				11		
	MCMn	MCM numbers				12		
X	Port num	: Status:				13		
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File	Actions	Languaje ?						
		SW - V: 1.1			_			
		Parameter		Value			MCMn	-
	PIN	PIN Code	(4 digits)			Mem.	Number	
	DOT	Door Opening Time	(0199")			1		
	RTC	Ring Call Time	(0199")			2		
	СТ	Conversation Time	(0199")			3		
	DDT	Divert Delay Time	(0199")			4		
	ART	Auxiliary Relay Time	(0099")			5		
	RC	Ring Cadence	(19")			6		_
	CMPT	Conversation Mode with	outdoor pannel			7		
	CMDT	Conversation Mode with	divert telephone			8		_
	VDScn	VDS call number	(001240)			9		_
	SCMdn1	SCM divert number 1				10		_
	SCMdn2	SCM divert number 2				11		_
	MCMn	MCM numbers				12		_
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Establish communication with the interface

You can send/receive data to/from the PC to the interface, for this select the "connect" option:

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File	Actions	Languaje ?						
	Con	nect						
	Rea	d Parameters			MCMn			
	Send Parameters (4 digits)					Mem.	Number	
	וטע	DOOL Obeurud iime	(0199")			1		
	RTC	Ring Call Time	(0199")			2		
	СТ	Conversation Time	(0199")			3		
	DDT	Divert Delay Time	(0199")			4		
	ART	Auxiliary Relay T	ime (0099")			5		
	RC	Ring Cadence	(19")			6		
	CMPT	Conversation Mode	with outdoor pannel			7		
	CMDT Conversation Mode with divert telephone					8		
	VDScn	VDS call number	(001240)			9		
	SCMdn1	SCM divert number	1			10		
	SCMdn2	SCM divert number	2			11		
	MCMn	MCM numbers				12		
X	Port num	: Status:				13		
4						14		
5	O No	aannaat				15		
ίπ.	ON O	connect			16			
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F In	terface Par	rameters Manager					x
File	Actions	Languaje ?					
		Parameter		Value		MCMn	
	PIN	PIN Code	(4 digits)		Mem.	Number	
	DOT	Door Opening Time	(0199")		1		
	RTC	Ring Call Time	(0199")		2		
	СТ	Conversation Time	(0199")		3		
	DDT	Divert Delay Time	(0199")		4		
	ART	Auxiliary Relay Time	(0099")		5		
	RC	Ring Cadence	(19")		6		
	CMPT	Conversation Mode with	outdoor pannel		7		
	CMDT	Conversation Mode with	divert telephone		8		
	VDScn	VDS call number	(001240)		9		
	SCMdn1	SCM divert number 1			10		
	SCMdn2	SCM divert number 2			11		
	MCMn	MCM numbers			12		
X	Port num	1: Status:			13		
4					14		
5	0.00	ppecting			15		
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H	O Lo	oking for connection (3	1%)		17		-
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Trying to connect

📄 Interface Parameters Manager

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MCMn

Number

File Actions Languaje ?

	Parameter	Value			
PIN	PIN Code (4 digits)			Mem.	
DOT	Door Opening Time (0199")			1	
RTC	Ring Call Time (0199")			2	
СТ	Conversation Time (0199")			3	
DDT	Divert Delay Time (0199")			4	
ART	Auxiliary Relay Time (0099")			5	
RC	Ring Cadence (19")			6	
CMPT	Conversation Mode with outdoor pannel			7	
CMDT	Conversation Mode with divert telephone			8	
VDScn	VDS call number (001240)			9	
SCMdn1	SCM divert number 1			10	
SCMdn2	SCM divert number 2			11	
MCMn	MCM numbers			12	
Port num	1: 7 Status: ConnectedV:0.7			13	
				14	
• •				15	
O Co	nnected		Γ	16	
Wa	iting for action		Γ	17	
U na	iting for accion		ſ	18	
			ſ	19	
-				20	

Already connected

Actions	Languaje ?					
	Parameter		Value			MCMn
PIN	PIN Code	(4 digits)		Me	m.	Number
DOT	Door Opening Time	(0199")			1	
RTC	Ring Call Time	(0199")			2	
СТ	Conversation Time	(0199")			3	
DDT	Divert Delay Time	(0199")			4	
ART	Auxiliary Relay Time	(0099")			5	
RC	Ring Cadence	(19")			6	
CMPT	Conversation Mode with	outdoor pannel			7	
CMDT	Conversation Mode with	divert telephone			8	
VDScn	VDS call number	(001240)			9	
SCMdn1	SCM divert number 1			1	.0	
SCMdn2	SCM divert number 2			1	.1	
MCMn	MCM numbers			_ 1	.2	
ort num	1: 7 Status: Connecte	edV:0.7		1	.3	
				1	.4	
0 00	nnected			1	.5	
0 00	meesed			1	.6	
Waiting for action					.7	
				1	.8	
				1	.9	

Once the connection is established, you can select the following options:

- Read the interface parameters
- Send parameters to the interface

- Reading parameters

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File	Actions	Languaje ?						
	Con	inect	1					
	Rea	d Parameters	ter	Value			MCMn	_
	Sen	d Parameters	(4 digits)			Mem.	Number	
	וטע	poor opening lime	(0199")			1		
	RTC	Ring Call Time	(0199")			2		
	СТ	Conversation Time	(0199")			3		
	DDT	Divert Delay Time	(0199")			4		
	ART	Auxiliary Relay T	ime (0099")			5		
	RC	Ring Cadence	(19")			6		
	CMPT	Conversation Mode	with outdoor pannel			7		
	CMDT	Conversation Mode	with divert telephone			8		
	VDScn	VDS call number	(001240)			9		
	SCMdn1	SCM divert number	1			10		
	SCMdn2	SCM divert number	2			11		
	MCMn	MCM numbers				12		
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4					1	14		
	0 0					15		
i i i		nnected				16		
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	0 114	101109 101 40010111				18		
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File	Actions	Languaje ?						
		Parameter		Value	-[MCMn	
	PIN	PIN Code	(4 digits)			Mem.	Number	
	DOT	Door Opening Time	(0199")	8	L	1		
	RTC	Ring Call Time	(0199")	30	L	2		
	СТ	Conversation Time	(0199")	90	L	3		
	DDT	Divert Delay Time	(0199")	15	L	4		
	ART	Auxiliary Relay Time	(0099")	8		5		
	RC	Ring Cadence	(19")	3		6		
	CMPT	Conversation Mode with	outdoor pannel	Full Duplex		7		
	CMDT	Conversation Mode with	divert telephone	Full Duplex		8		
	VDScn	VDS call number	(001240)	1		9		
	SCMdn1	SCM divert number 1				10		
	SCMdn2	SCM divert number 2				11		
	MCMn	MCM numbers				12		
\times	Port num	1: Status:				13		
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II						19		
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Reading the interface parameter values

- Sending parametes

This option is for sending the required program to the interface. First you must fill-in the table with the desired program parameters for the interface, and then send this configuration. This table can be filled-in directly when a new file is open and the table is empty, or after having read the programmed parameters on the interface (option: **receive from the system**), by changing it.

	nterface Pa	rrameters Manager					x	F In	terface Pa	rameters Manager								
File	Actions	Languaje ?						File	Actions	Languaje ?								
		Parameter	:	Value	-	MCMn	•			Parameter		Value		-	MCMn			
	PIN	PIN Code	(4 digits)		Mem.	Number			PIN	PIN Code	(4 digits)			Mem.	Number			
	DOT	Door Opening Time	(0199")		1				DOT	Door Opening Time	(0199")	8		1				
	RTC	Ring Call Time	(0199")		2				RTC	Ring Call Time	(0199")	30		2				
	СТ	Conversation Time	(0199")		3				CT	Conversation Time	(0199")	90		3				
	DDT	Divert Delay Time	(0199")		4				DDT	Divert Delay Time	(0199")	15		4				
	ART	Auxiliary Relay Time	(0099")		5				ART	Auxiliary Relay Time	(0099")	8		5				
	RC	Ring Cadence	(19")		6				RC	Ring Cadence	(19")	3		6				
	CMPT	Conversation Mode with	n outdoor pannel		7				CMPT	Conversation Mode with	n outdoor pannel	Full Duplex		7				
	CMDT	Conversation Mode with	n divert telephone		8				CMDT	Conversation Mode with	n divert telephone	Full Duplex		8				
	VDScn	VDS call number	(001240)		9				VDScn	VDS call number	(001240)	1		9				
	SCMdn1	SCM divert number 1			10				SCMdn1	SCM divert number 1				10				
	SCMdn2	SCM divert number 2			11				SCMdn2	SCM divert number 2				11				
	MCMn	MCM numbers			12				MCMn	MCM numbers				12				
\mathbf{X}	Port nu	m: Status:			13			×	Port nu	n: Status:				13				
4					14			⊲						14				
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1		connect			16			٤I	0 00	onnected				16				
III.		aiting for action			17			ШI	W	iting for action				17				
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For example, we are going to modify a value on the table that was read from the interface. If we go to "Ring cadence" the line is shown in yellow. In order to change the value of this parameter, double click with the mouse on the value's column.

F Int	erface Para	meters Manager					nterface Parameters Manager							×
File	Actions L	.anguaje ?				File	Actions Languaje ?							
FERMAX	PIN F DOT D RTC R CT C DDT D ART B RC R CMPT C CMDT C CMDT C CMDT C CMDT C SCMMIN S SCMMIN S SCMMIN S SCMMIN S	Paramy IN Code loor Opening Time ing Call Time Conversation Time ivert Delay Time onversation Mode TDS call number CM divert number CM divert number CM divert number CM divert number cm cated ting for action	eter (4 digits) (0199") (01.99") (0199") (01.99") (0199") (0199") (19") (01240) with divert telephone (001240) 1 2 240 read	Value 0000 8 30 90 15 8 2 Pill Duplex Full Duplex 1	MCMn Mem. 1 Number 2 3 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	FERMAX	Pa PIN PIN Code DOT Door Opening RTC Ring Call Tim OT Divert Delay ART Auxiliary Rel RC Ring Cadence CMPT Conversation CMDT Conversation CMDT Conversation SCMAn1 SCM divert nu MCSM MCM numbers Port num: 7 Statu	ramete Time e Time ay Time Mode wit Mode wit er mber 1 mber 2 *: MCM#	r (4 d (01. (01. (01. (00. (1 ch outd ch dive (001	igits) .99") .99") .99") .99") .99") .99") .99") .99") .240) end	Value 0000 8 30 90 15 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Mem. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	MCMn Numbe	
	_									_				
	File	Actions Cor	Languaje ?											
		Rea	d Parameters	ete	r		Value	l r			MCMn			
		Sen	d Parameters		(4 digits)		0000			Mem.	Numl	ber		
		וטע	noor obeurud	IIME	(0199")		8			1				
		RTC	Ring Call Tim	ne	(0199")		30			2				
		СТ	Conversation	Time	(0199")		90			3				
		DDT	Divert Delay	Time	(0199")		15			4				
		ART	Auxiliary Rel	lay Time	(0099")		8			5				
		RC	Ring Cadence		(19")		3			6				
		CMPT	Conversation	Mode wit	th outdoor pannel	Fu	ll Duplex			7				
		CMDT	Conversation	Mode wit	th divert telephone	Fu	ll Duplex			8				
		VDScn	VDS call numb	ber	(001240)		1			9				
		SCMdn1	SCM divert nu	umber 1						10				
		SCMdn2	SCM divert nu	umber 2						11				
		MCMn	MCM numbers							12				
	X	Port num	n: 7 Status	s: MCM#	240 read					13				
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le	Actions	Languaje ?						
		Parameter	•	Value	1 —	-	MCMn	
	PIN	PIN Code	(4 digits)	0000	-	Mem.	Number	
	DOT	Door Opening Time	(0199")	8		1		
	RTC	Ring Call Time	(0199")	30		2		
	СТ	Conversation Time	(0199")	90		3		
	DDT	Divert Delay Time	(0199")	15		4		
	ART	Auxiliary Relay Time	(0099")	8		5		
	RC	Ring Cadence	(19")	3		6		
	CMPT	Conversation Mode with	n outdoor pannel	Full Duplex		7		
	CMDT	Conversation Mode with	n divert telephone	Full Duplex		8		
	VDScn	VDS call number	(001240)	1		9		
	SCMdn1	SCM divert number 1				10		
	SCMdn2	SCM divert number 2			_	11		
	MCMn	MCM numbers				12		
	Port num	n: 7 Status: MCM#	171 sent			13		
						14		
	Co	nnected				15		
						16		_
	🔵 Se	nding MCM 172				17		
						18		_
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Sending to the interface

If the value, upon being filled-in is not correct because it is out of the range, the application informs us by inserting a line over it.

🖃 Int	terface Par	rameters Manager					×
File	Actions	Languaje ?					
	💧 Data	a format error.					
		Parameter		Value		MCMn	
	PIN	PIN Code	(4 digits)	0000	Mem.	Number	
	DOT	Door Opening Time	(0199")	8	1		
	RTC	Ring Call Time	(0199")	30	2		
	СТ	Conversation Time	(0199")	90	3		
	DDT	Divert Delay Time	(0199")	15	4		
	ART	Auxiliary Relay Time	(0099")	8	5		
	RC	Ring Cadence	(19")	14	6		
	CMPT	Conversation Mode with	outdoor pannel	Full Duplex	7		
	CMDT	Conversation Mode with	divert telephone	Full Duplex	8		
	VDScn	VDS call number	(001240)	1	9		
	SCMdn1	SCM divert number 1			10		
	SCMdn2	SCM divert number 2			11		
	MCMn	MCM numbers			12		
X	Port num	n: 7 Status: MCM# 2	40 sent		13		
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2	0 00	Intested			16		_
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П					18		
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If the interface is not connected to the application, it informs us.

Actions	Languaio 2					
Actions	Languaje :					
	Parameter		Value	1 — I		MCMn
PIN	PIN Code (4 digits)		-	Mem.	Number
DOT	Door Opening Time (0199")			1	
RTC	Ring Call Time (0199")			2	
СТ	Conversation Time (0199")			3	
DDT	Divert Delay Time (0199")			4	
ART	Auxiliary Relay Time (0099")			5	
RC	Ring Cadence (19")			6	
CMPT	Conversation Mode with or	utdoor pannel			7	
CMDT	Conversation Mode with d	ivert telephone			8	
VDScn	VDS call number (001240)			9	
SCMdn1	SCM divert number 1				10	
SCMdn2	SCM divert number 2				11	
MCMn	MCM numbers				12	
ort num	: Status: Interface	not found			13	
				1	14	
No.	connect				15	
0110	connect				16	
O Wa:	iting for action				17	
_					18	
					19	

Or if there is a communication port problem.



Computer requirements

- PC or compatible.
- Operating systems: Windows XP/7
- 16 MB of RAM.
- Available USB port.