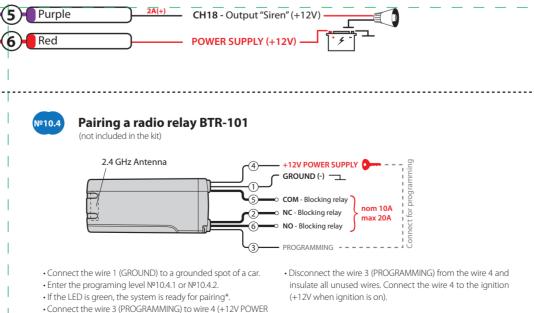
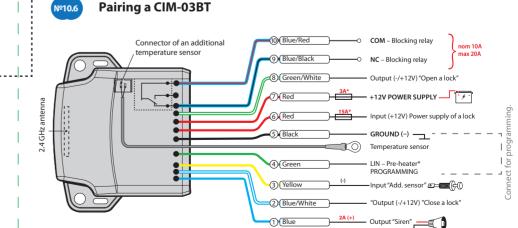


2.4GHz





SUPPLY). Connect them to +12V. · If pairing was successful, the LED will light red and the siren/beeper will sound a beep. The system will enter the programming level Nº0.

 Connect the wire 4 (Green) to wire 5 (Black). Connect them to
 Disconnect the wire 4 (Green) from the wire 5 and insulate all a grounded spot of a car. • Enter the programing level №10.6. . If the LED is green, the system is ready for pairing? Connect the wire 7 (Red) to constant +12V.

· If pairing was successful, the LED will light red and the siren/beeper will sound a beep. The system will enter the programming level NºO.

unused wires.

NOTE! For a proper visualisation of the additional battery status connect CIM-03BT to the power circuits of the living module

PROGRAMMING THE SYSTEM	NOTEL Case the detailed description of	Disconnect the power supply (main and	firmware, download installation manuals,	It is recommended to update firmware	VALET button located on the base unit,
	NOTE! See the detailed description of PIN-code entering procedure in the	USB power supply).	connect to the server to make CLONE	of the base unit before installing and	release the button immediately after
System settings and parameters can be	"CONTROL OVER THE SYSTEM IN CASE		procedure.	programming the system:	connecting the system and a computer
configured using the Pandora Alarm	OF EMERGENCY" section of the user	The system will reboot programmatically		Open the "Update Software" window	via USB cable, the system will enter
Studio program. Some functions can	manual.	(all changes will be saved) after exiting	Working with the Pandora Alarm Studio	and select one of the update options	boot mode.
be configured only by the	If you don't have the 'Service PIN-code',	programming mode. All ways to exit	A current version of the Pandora	("Load from file" – upload firmware file from a PC folder, "Firmware archive" –	PROGRAMMING TABLE
programming menu of the system. It is required to put the system to	you can enter programming mode	programming mode are accompanied by sound signals of the siren and light	AlarmStudio can be downloaded from	upload firmware from a server to	PROGRAMIMING TABLE
programming mode to get access to	using the 'Secret PIN-code' written on	signals of the LED indicator. The light	pandorainfo.com. The Pandora	"firmwares" folder);	NOTE! The programming table is printed
the settings	the owner's card.	signals indicate the number of paired	AlarmStudio is provided only to authorized	Select firmware and press the	on the side of this manual where the
5	The system stops to execute commands when it is in programming	control devices.	installers of Pandora systems.	"Update" button to upload firmware to	wiring diagram is shown
Entering/Exiting programming	mode. Therefore, exit programming			the base unit.	
mode	mode after changing settings and	NOTE! See the "Checking the number of	Download the Pandora AlarmStudio to a PC	It is required to exit programming	Level NºO Entering a level
You can enter the programming mode	parameters of the system.	recorded remote controls/radio	with Windows XP/Vista/7/8/10.	mode after settings were changed or	After entering programming mode, the
only if the base unit is powered form a	To exit programming mode, use one of	tags/mobile device" section of the user	Run the Pandora AlarmStudio;	firmware was updated.	system waits for level input – "Level 0
USB cable or the main power supply is connected, the ignition is off, the	the following methods:	manual for detailed description	<ul> <li>Connect the system to the PC via a USB cable;</li> </ul>	NOTE! If boot mode has been	Entering a level". Enter a desired level using the VALET button (see the
system is disarmed and service mode is	Press and hold the VALET button for		• Put the system to the programming	interrupted for some reason and the	programming table) to change settings
off. To enter programming mode, enter	more than 10 seconds;	PANDORA ALARM STUDIO	mode;	status indicator lights red, you need to	or parameters.
the "Service PIN-code" (default value is	• Turn on and then turn off the ignition		The Pandora AlarmStudio will	load firmware using quick boot mode	• To enter a level ("Level №1…№17"),
1-1-1) using an external VALET	when a USB cable is disconnected and the main power supply of the system is	The Pandora Alarm Studio program	automatically connect to the system and	(without entering the PIN-code). Open	press (P) the VALET button the number
button or the VALET button located on	connected;	allows you to change the main settings	you will be able to configure settings and	AlarmStudio, de-energize and	of times equal to the desired level
the base unit.	^	and parameters of the system, update	update firmware.	disconnect the system, press and hold	number ( <b>117</b> ), pauses between
<	1>		2>		3
				1 – – – – – – – – – – – – – – –	
presses should not exceed 1 second.	times equal to the second digit (17)	NOTE! The description of pairing is	• Enter the other numbers in the same	correct operation of the «Smart Turbo	<u>Level Nº4 – Reset to the factory</u>
The system will confirm correct input	of the desired level number	printed on the side of this manual	manner. The input of the fourth number will	Timer», it is necessary to record the	settings
with red <b>LED</b> flashes and short sound	immediately (•) after releasing the	where the wiring diagram is shown.	be confirmed by the series of red and green	engine idle speed via digital or analog	
signals of the siren/beeper and	button. The system will confirm correct		LED indicator flashes and the series of	tachometer input.	NOTE! The procedure recovers the
proceed to the desired level.	input with red <b>LED</b> flashes and short	Level №2 – Changing the Service	sound signals of the Beeper. The system will	Established and the LAND	factory settings of the system without
To enter a sublevel or a cell of sublevel	sound signals of the siren/beeper and proceed to the desired level.	PIN-code	wait for PIN-code re-entering;	Enter the programming level №3. • Turn on the ignition and start the	deleting previously registered devices (tags, mobile device, relays, etc.) that is
make a pause for more than 1 second →, then press (P) the VALET button the	proceed to the desired level.		<ul> <li>Enter all four digits again.</li> <li>If you correctly enter the "Service</li> </ul>	engine. Wait until the stable idle speed	stored in the non-volatile memory.
number of times equal to the desired	Level Nº1 – Pairing a remote	NOTE! Prepare a new value of the	PIN-code" twice, the indicator will produce	will be reached (the engine should be	stored in the non-volatile memory.
sublevel or cell number: "Level Nº10 $\rightarrow$	control/Watch2	"Service PIN-code, it should consist of 4	the series of red and green flashes and the	warmed-up, idle speed should match	Enter the programming level №4.
(1sec.) "Sublevel 110" → (1sec.) "Cell	Prepare to pair a Bluetooth device	digits (from 1 to 9). Write down or	Beeper will produce the series of sounds,	the stable idle speed of the	Press and hold the VALET button for
of sublevel 14".	(remote control or Watch2) in	remember the new PIN-code	the new PIN-code will be recorded, the	warmed-up engine). The system will	more than 4 seconds. Release the
<ul> <li>For quick access to the higher level,</li> </ul>	accordance with its manual. The system	Enter the programming level №2.	system will return to the programming level	confirm the presence of the idle speed	button after a sound of the
press and hold (H) the VALET button.	will be in the remote controls pairing	• Enter the first digit of the code using	Nº0.	status with green flashes of LED	Siren/Beeper. The system will confirm
The siren will sounds tone beeps (up	mode for 1 minute. After a minute or	the VALET button. Press the button the	- In case of the incorrect code input the	indicator.	the resetting to the factory settings
to 10). These sounds means the	immediately after pairing a Bluetooth	number of times equal to the first digit.	indicator will be lit red and the Beeper will	Press the VALET button once to save	with a long red flash of the LED
sequence number of a two-digit level	remote control, the system will	Pauses between presses should not	sound a long beep, the system will not	idle speed. Successful recording of the idle speed will be confirmed with the	indicator. After that, the system will
number (the first signal – level №10, the fifth signal – level №50, the tenth	automatically enter the programming level №0.	exceed 1 second, every pressing will	change the code and will return to the programming level №0.	series of red and green flashes of the	reset the settings to default and return to the programming level №0.
signal – level №100). Release the VALET	A Bluetooth remote control must be	confirm with an orange LED indicator	programming revenue.	LED indicator and the series of sound	to the programming level N=0.
button immediately after the desired	paired last or separately. To remove a	flash. Pause for more than 1 second	Level Nº3 – Recording the idle speed (rpm)	signals of the Beeper. The system will	<u>Level №10 – Manage Bluetooth</u>
number of signal. To enter an	Bluetooth remote control, press and	and a red LED indicator flash with a sound from the Beeper confirms the	<b>_</b>	exit programming menu and reboot	devices
intermediate level (Level №11…№17),	hold the VALET button for 3 seconds on	input of the first digit. Then you can	NOTE! To timely turn off the starter during	after saving the idle speed.	Updating Bluetooth modem firmware
press the VALET button the number of	the programming level №1.	enter the next digit;	automatic or remote engine start and the		
<	4		\$ }		
				+	
ATENTIONI All Constants of Cold States	for pairing, red light means a device	To update firmware of the built-in	PIN-code input). Use the VALET button	buttons on this sublevel. The code can	red and green flashes and the Beeper
ATENTION! All functions of this level	has been already paired and it is	Bluetooth modem, enter the "Level Nº	to navigate between sublevels and	consist of one or more memory cells,	will produce the series of sounds, the
are available in the Pandora Specialist	required to delete it for pairing a new	10 <sup>™</sup> → "Sublevel 10". To update firmware	save the code.	each memory cell can store a sequence	new code will be recorded, the system
app.	device. To delete a device, press and	of an additional device, enter the "Level	Enter the programming level Nº 11	of pressing each of the five selected	will return to the programming level №0.
This level is used to pair/remove/	hold the VALET button for 3 seconds (3	№10" → "Sublevel" or "Cell"	Sublevel 11.0 – Selecting buttons:	immobilizer buttons.	- In case of the incorrect code input the
update additional devices and to	orange flashes of the LED). The system	corresponding to an additional device.	The system will automatically enter the	The code is entered by pressing the	indicator will be lit red and the Beeper
update Bluetooth modem of the	will be in pairing mode for 1 minute.	The LED will light red after entering.	sublevel 11.0 (Selecting buttons) after	selected buttons for at least 1 second.	will sound a long beep, the system will
system.	After a minute or immediately after	Press and hold (H) the VALET button for 6	entering the level 11. The system will	Each pressing is confirmed with an	not change the code and will return to
Each device is paired at a sublevel. To	pairing a device, the system will	seconds. Open the Pandora Specialist,	wait for buttons pressing. Each pressing will be confirmed with an	orange flash of the LED. A pause for more than 1 second and the red LED	the programming level №0.
pair devices of the same type, a	automatically enter the programming level Nº0.	go to "Search device" screen and select the device and then select one of the	orange flash of the LED. You can turn	confirms the input for the current	<u>Level №13/№15 – Emergency</u>
sublevel is divided into cells. To enter a		update option:	on the ignition (the system will stay in	memory cell, you can start entering the	deactivating/activating authorization
sublevel or a cell of sublevel make a	NOTE! Examples of pairing Bluetooth	INTERNET – It allows you to upload	programming mode). Some buttons	next memory cell.	devices/functions
pause for more than 1 second $(\rightarrow)$ ,	devices are printed on the side of this	firmware from a server.	can be detected via digital bus only	After entering the code, press the	
then press (P) the VALET button the number of times equal to the desired	manual where the wiring diagram is	FILE MANAGER – This function is	when ignition is on. The system can	VALET button to enter the next	NOTE! See the detailed description in
sublevel or cell number: "Level №10 →	shown.	available only for Android devices. It	determine buttons via analog "Code	sublevel.	the "CONTROL OVER THE SYSTEM IN
(1sec) "Sublevel <b>110</b> " → (1sec) "Cell		allows you to upload firmware from	immobilizer 1" and "Code immobilizer	№11.2 - Confirmation of the	CASE OF EMERGENCY" section of the
of sublevel <b>110</b> ".	<ul> <li>Updating firmware of the built-in</li> </ul>	phone storage.	2" inputs or via digital protocol of a car.	PIN-code input	user manual.
	Bluetooth modem/Updating firmware		After selecting active buttons, press the	Confirm the entered PIN-code on this	To deactivate/activate "Code
<ul> <li>Pairing/Deleting an additional</li> </ul>	of an additional device	Level №11 – Programming and	VALET button to enter the sublevel 11.1	sublevel. Repeat the procedure	immobilizer function" (pin-to-drive),
device	Enter an appropriate sublevel or a cell	configuring an "Immobilizer PIN-code"	(Entering the PIN-code).	described above and press the VALET	enter the programming level №13.
Each sublevel or cell displays its	of the PROGRAMMING TABLE and use	The level is divided into 3 sublevels	Sublevel 11.1 – Entering the	button. The system will compare two	To deactivate/activate authorization

current state by a color of the LED: green light means the system is ready the Pandora BT application to update firmware.

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(Sublevel 11.0 – Selecting buttons; sublevel 11.1 entering the PIN-code; sublevel 11.2 - confirmation of the

## PIN-code: Program the immobilizer deactivation

PIN-code using the selected button or 8

- inputs after that. - If you correctly enter the code twice,
- the indicator will produce the series of

devices (mobile phone, radio tags, Bluetooth remote control), enter the

♦ programming level №15.

• Deactivating the function The LED indicator will light green after entering the programming level. The system will wait (10 seconds) for entering the 'Secret PIN-code'. If the PIN-code is not entered within 10 seconds the system will return to the programming menu. Enter the 'Secret PIN-code' that is written on the owner's card. The system will confirm deactivating the function with a long red LED flash, two sound signals of the siren and sound signals of the beeper. Activating the function

The LED indicator will light red and the beeper will emit a long sound signal after entering the programming level. The system will wait for an action. Press the VALET button once to activate the function. The system will confirm activating with a green LED flash and one short sound signal of the siren and beeper.

Level Nº17 – Programming bypass of an original immobilizer Bypass learning procedure is performed on this level.

NOTE! See the detailed instruction in the installation manuals for cars.

## Level Nº50 – Pairing a mobile phone

NOTE! See the detailed description in the "MOBILE APPLICATIONS" section of the user manual.

The system supports only one mobile device. If a mobile device has been already paired, it will be deleted when you enter this level. When you overwrite the same device in the system memory, you should delete the Bluetooth connection on your mobile device, delete the mobile device from the system memory and then pair the mobile device with the system again.

Put the system in programming mode by entering the "Service PIN-code" (default value is 1-1-1-1). The system will enter the programming level NºO. Press and hold the VALET button for 5 seconds (until the fifth sound signal of the beeper or the fifth orange flash of the LED) to enter the programming level №50.

The LED indicator will light green after entering the programming level №50 and the system will enter the mobile device pairing mode. Turn on Bluetooth on your mobile phone and open the mobile application. Go to the search device screen and select the found system. The system will confirm the pairing with the series of green and red flashes of the LED and a sound signal of the siren. The system will return to the programming level №0.

**ATTENTION! If there is no automatic** pairing, enable the "PIN request for phone pairing" item in the "Radio tag and mobile device functions" settings in the Pandora Alarm Studio program and make the pairing procedure again. A mobile device will request a PIN-code (Factory pre-set is 0-0-1-1-1-1 where the 4 last digits 1-1-1-1 are the "Service PIN-code", it will be different if you have changed the "Service PIN-code").

<u>Level Nº100 – Exit the programming menu</u>

NOTE! See the detailed description in the "MOBILE APPLICATIONS" section of the user manual

To exit the programming menu, press and hold the VALET button for more than 10 seconds until the tenth sound signal of the Siren/Beeper or until a red flash of the LED. The system will exit programming mode and will reboot programmatically.

(11)

FUEL LEVEL CALIBRATION

## WARNING! This procedure is used only analog connection. At least 2 values a for correct display of fuel level.

Make a connection in of the «Fuel level an original fuel sensor Enable the "Use control fuel level" setting in the Alarm Set the value: Start the engine

 Call the system number and wait for the Dial 424\* command (Fuel level calibra system will confirm the input of the cor · Dial a DTMF command (use values fro below, it depends on the current fuel le system will confirm the input of the cor (xxx\* - command executed) • End the call.

ly in case of	DTMF command	Fuel level
are required	00*	0%
	10*	10%
el input» to INP (+) to Studio.	20*	20%
	25*	25%
	30*	30%
	40*	40%
the answer	50*	50%
ation). The	60*	60%
ommand.	70*	70%
om the table	80*	80%
level). The	90*	90%
ommand	100*	100%
	88	* Reset all calibration values

