

*perfecta*

Alarm control panel

# PERFECTA 64 M

Firmware version 2.01

EN

CE



QUICK USER MANUAL

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**Satel** ®

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Changes, modifications or repairs not authorized by the manufacturer shall void your rights under the warranty.

**Hereby, SATEL sp. z o.o. declares that the radio equipment type PERFECTA 64 M is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: [www.satel.pl/ce](http://www.satel.pl/ce)**

SATEL aims to continually improve the quality of its products, which may result in changes in their technical specifications and software. Current information about the changes being introduced is available on our website.

Please visit us at:  
<https://support.satel.pl>

#### **ATTENTION!**

**The alarm system cannot prevent burglary or robbery. Its purpose is to signal emergency situations. It should be installed by qualified professionals who will inform you about the principles of its operation and provide regular maintenance and testing. We recommend that the alarm system be regularly tested to make sure that it will react properly in case of burglary or robbery.**

**Factory default codes:**

**Service code: 12345**

**User 62 code: 1111**

The following symbols may be used in this manual:



- note,



- caution.

Thank you for choosing this product by SATEL. Before you start using the alarm system, familiarize yourself with the instructions outlined in the following quick user manual. For more information, please refer to the full user manual available at **www.satel.pl**. Scan the QR code to go to our website and download this or other manuals.



*It is recommended that the installer prepare and deliver to the users a customized alarm system user manual. This manual must include all changes and modifications made in relation to the factory default settings.*

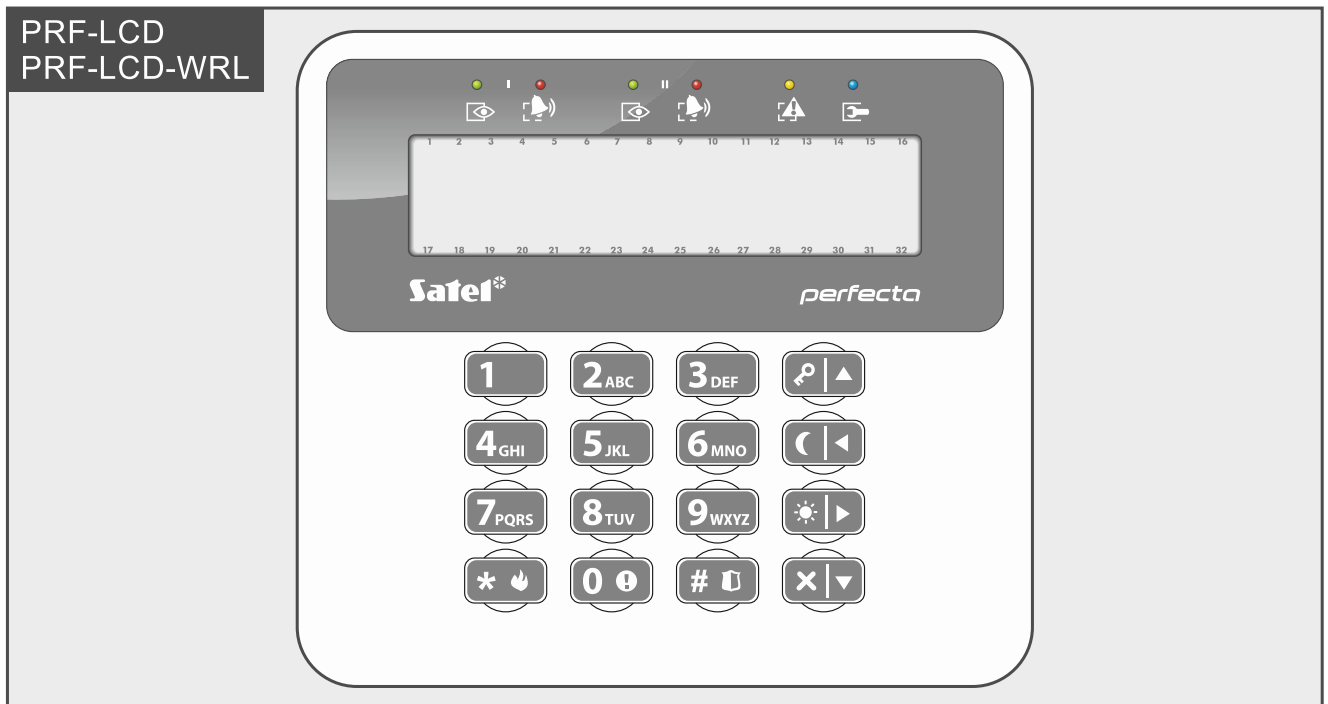
*The installer should train the users in the rules of operating the alarm system.*


## Using the keypads



*The alarm system should include at least one keypad.*

The following manual includes instructions on how to use the wired PRF-LCD keypad and the wireless PRD-LCD-WRL / PRF-LCD-A2 keypad. For instruction on how to use the INT-KSG2R, INT-TSG2 and INT-TSH2 keypads, please refer to the manuals included with these manuals.



The wired keypad is faster to react to user actions than the wireless keypad. The wireless keypad powered by an external power supply (connected to the APS-055 power supply) works similarly to the wired keypad. In the wireless keypad powered by the battery, the sleep mode is started after 20 seconds of inactivity. When the keypad is in the sleep mode, the display is off and the LED indicators, sound signaling, backlight (of display and keys) and proximity card reader are disabled. To wake up the keypad, press e.g. .

## LED indicators



green

two LEDs (marked I and II) – ask the installer which LED indicates the state of which partition

**ON** – at least 1 partition is armed

**flashing** – exit delay countdown in at least 1 partition



red

two LEDs (marked I and II) – ask the installer which LED indicates the state of which partition

**ON** or **flashing** – alarm or alarm memory in at least 1 partition



yellow

**flashing** – trouble or trouble memory



blue

**ON** – service mode is active and service menu is displayed

**flashing** – service mode is active but service menu is hidden or displayed in another keypad

## Display

### Normal mode

Date and time or the keypad name are displayed in the upper line.

Press **9<sub>WXYZ</sub>** to switch to the system preview mode.

### System preview mode

Information on system state are displayed. The installer selects the items to be displayed. They can be date and time, partition / zone / output state symbols, power consumption, etc.

Press **9<sub>WXYZ</sub>** to switch to the normal mode.

### Messages

The keypad displays messages on:

- alarm
- entry delay countdown
- exit delay countdown
- alarm memory

## Keys

**1** ... **0**

press to enter digits (code, partition number, etc.)

**7**

press and hold for 3 seconds to view the troubles

**8**

press and hold for 3 seconds to turn on/off the keypad CHIME

**9**

press and hold for 3 seconds to switch the keypad between the normal mode and the system preview mode

**0**

press and hold for 3 seconds to trigger the medical alarm

**#**

enter the code and press **#** to arm in full mode [if the system is disarmed and there is no alarm] or disarm the system and clear the alarm [if the system is armed and/or there is an alarm]

press and hold for 3 seconds to trigger the panic alarm

	enter the code and press  to enter the user menu press and hold for 3 seconds to trigger the fire alarm
	used for full arming (see: "Arming")
	used for night arming (see: "Arming")
	used for day arming (see: "Arming")
	used to disarm the system and clear the alarm (see: "Disarming and alarm clearing")

## Daily operation

Arming	
Arming with code	
<b>Partition 1</b>	<p>  [code]  – full arming</p> <p>  [code]  – day arming</p> <p>  [code]  – night arming</p>
<b>Partition 2</b>	<p>  [code]  – full arming</p> <p>  [code]  – day arming</p> <p>  [code]  – night arming</p>
<b>Partition 3</b>	<p>  [code]  – full arming</p> <p>  [code]  – day arming</p> <p>  [code]  – night arming</p>
<b>Partition 4</b>	<p>  [code]  – full arming</p> <p>  [code]  – day arming</p> <p>  [code]  – night arming</p>
<b>All partitions to which you have access</b>	<p>[code]  / [code]  – full arming</p> <p>[code]  – day arming</p> <p>[code]  – night arming</p>
Arming with proximity card [only PRF-LCD-A2]	
<b>All partitions to which you have access</b>	bring the card close to the keys and move it away / bring the card close to the keys and hold for about 3 seconds (ask the installer which method to use)
Quick arming (without code / card)	
<b>Partition 1</b>	<p>  – full arming</p> <p>  – day arming</p> <p>  – night arming</p>

**Partition 2**

**2**<sub>ABC</sub>  – full arming

**2**<sub>ABC</sub>  – day arming

**2**<sub>ABC</sub>  – night arming

**Partition 3**

**3**<sub>DEF</sub>  – full arming

**3**<sub>DEF</sub>  – day arming

**3**<sub>DEF</sub>  – night arming

**Partition 4**

**4**<sub>GHI</sub>  – full arming

**4**<sub>GHI</sub>  – day arming

**4**<sub>GHI</sub>  – night arming




**All partitions**

**0**  – full arming




**0**  – day arming

**0**  – night arming

### Arming without delay

when arming, hold for 3 seconds the key used to select the arming type: ,  or  (when arming with code, do it after you enter the code)

### Terminating the exit delay countdown



when the exit delay countdown is running, press ,  or  for 3 seconds (no matter which key you press).

### Not ready for arming



if you tried to arm the system but the message “Not ready” was displayed, it means the control panel detected a problem: violated zone (e.g. open window), bypassed zone, tamper or trouble

## Disarming and alarm clearing



### Disarming / alarm clearing with code

**Partition 1** **1**  [code] 

**Partition 2** **2**<sub>ABC</sub>  [code] 

**Partition 3** **3**<sub>DEF</sub>  [code] 

**Partition 4** **4**<sub>GHI</sub>  [code] 

**All partitions to which you have access** [code]  / [code] 

### Disarming / alarm clearing with proximity card [only PRF-LCD-A2]

**All partitions to which you have access** bring the card close to the keys and move it away

## Alarm clearing without disarming



[code]  / [code]  / [code] 



## Output control without code



Ask the installer if the control methods described below are available to you and which outputs can be controlled this way.

### Quick output control

**Activate output** [digit key]  

**Deactivate output** [digit key]  

### Output control with proximity card [only PRF-LCD-A2]





























**Switch outputs** bring the card close to the keys and hold for about 3 seconds























## User menu








The list of available functions depends on your rights, as well as on the state and configuration of the system.

### User functions




<b>Change own code</b>	[code]   <b>1</b>
<b>Add new user</b>	[code]   <b>2<sub>ABC</sub></b> <b>1</b>
<b>Edit user</b>	[code]   <b>2<sub>ABC</sub></b> <b>2<sub>ABC</sub></b>
<b>Delete user</b>	[code]   <b>2<sub>ABC</sub></b> <b>3<sub>DEF</sub></b>
<b>Reset outputs</b>	[code]   <b>3<sub>DEF</sub></b>
<b>Inhibit zones</b>	[code]   <b>4<sub>GHI</sub></b> <b>1</b>
<b>Isolate zones</b>	[code]   <b>4<sub>GHI</sub></b> <b>2<sub>ABC</sub></b>
<b>View event log</b>	[code]   <b>5<sub>JKL</sub></b>
<b>Set time and date</b>	[code]   <b>6<sub>MNO</sub></b> <b>1</b>
<b>Program timer settings</b>	[code]   <b>6<sub>MNO</sub></b> <b>2<sub>ABC</sub></b>
<b>Program thermostat settings</b>	[code]   <b>6<sub>MNO</sub></b> <b>3<sub>DEF</sub></b>
<b>View troubles / system state</b>	[code]   <b>7<sub>PQRS</sub></b>
<b>Control outputs</b>	[code]   <b>8<sub>TUV</sub></b>
<b>Test zones</b>	[code]   <b>9<sub>WXYZ</sub></b> <b>1</b>

<b>Test outputs</b>	[code] *  9_WXYZ 2_ABC
<b>Check the level of cellular / radio signal</b>	[code] *  9_WXYZ 3_DEF
<b>Start test transmission</b>	[code] *  9_WXYZ 4_GHI
<b>Check the zone status</b>	[code] *  9_WXYZ 5_JKL 1
<b>Check the proximity card number</b>	[code] *  9_WXYZ 5_JKL 2_ABC
<b>Change control panel ID (communication via the SATEL server)</b>	[code] *  9_WXYZ 6_MNO
<b>Check the IMEI number / ID number</b>	[code] *  9_WXYZ 7_PQRS
<b>Check the firmware version of devices in the system</b>	[code] *  9_WXYZ 8_TUV
<b>Check temperature (ABAX 2 devices with temperature sensor)</b>	[code] *  9_WXYZ 9_WXYZ 1
<b>Check power consumption (ASW-200 smart plug)</b>	[code] *  9_WXYZ 9_WXYZ 2_ABC
<b>Check the SIM 1 card credit</b>	[code] *  0  1
<b>Check the SIM 2 card credit</b>	[code] *  0  2_ABC
<b>Top up the SIM 1 card</b>	[code] *  0  3_DEF
<b>Top up the SIM 2 card</b>	[code] *  0  4_GHI
<b>Enter PUK code for the SIM 1 card</b>	[code] *  0  5_JKL
<b>Enter PUK code for the SIM 2 card</b>	[code] *  0  6_MNO

### Functions of keys in the user menu

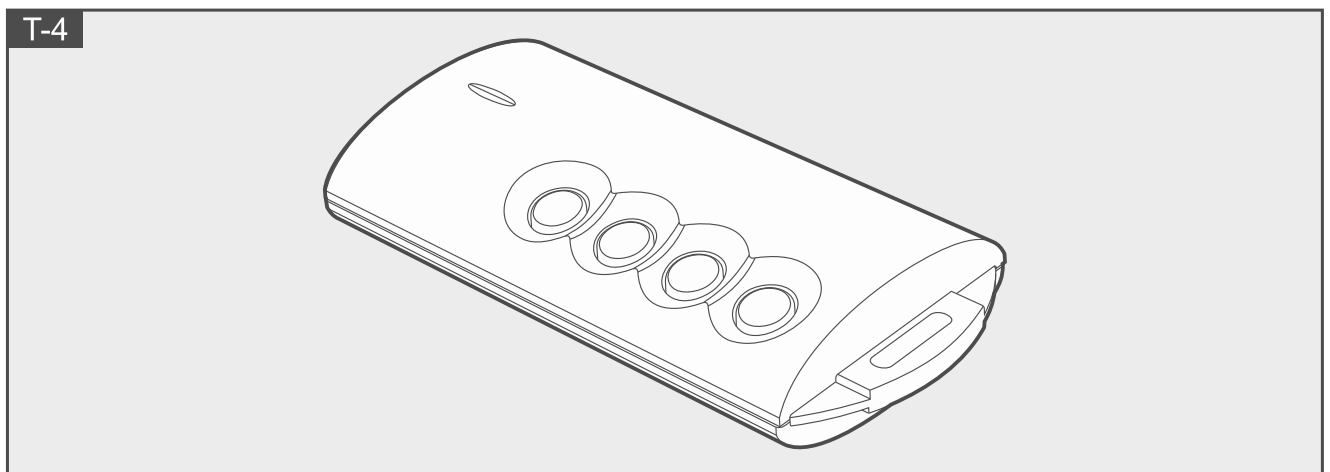
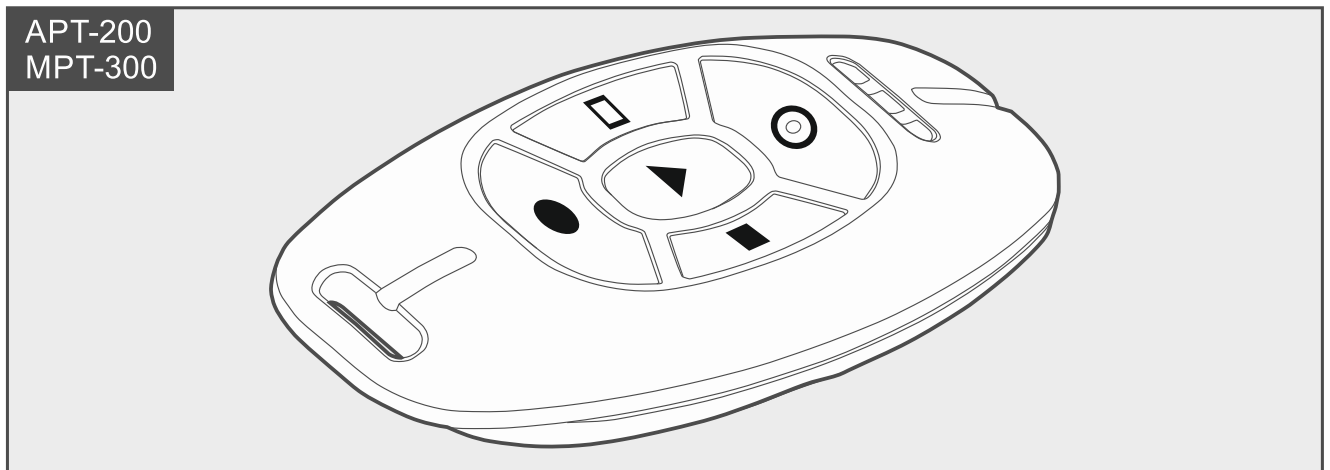
 ... 	enter digits, letters and other characters enable / disable an option check / uncheck an item
	start a function save changes and quit the function
	exit the user menu quit the function (usually without saving changes)
	scroll up the list move the cursor left clear the character to the left of the cursor (edit numbers and names) exit the graphic mode



	exit the submenu move the cursor left enter the graphic mode
	enter the submenu start a function move the cursor right enter the graphic mode
	scroll down the list change the letter case (edit names) exit the graphic mode

## Keyfobs

You can use a keyfob if the keyfob module is connected to the control panel. The keyfob can start up to 6 functions. For information about functions assigned to individual buttons / button combinations, please consult the person who has configured the keyfob settings. If you have the APT-200 keyfob, ask the person about the keyfob LEDs. They can indicate the system state.



## Listening in

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You can use the listening in function to check what is happening in the protected premises, e.g. to verify the alarm. You can use the listening in function:

- by calling the control panel phone number,
- after having listened to the voice message that notified you of a new event in the control panel.

Ask the installer if the listening in function is available and if both uses are supported.

## SMS control

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You can control your alarm system by sending SMS messages containing appropriate control commands. The SMS message must be sent to the control panel phone number (number of the currently used SIM card). Agree with the installer on:

- content of the control commands.
- functions that are to be started by these commands.
- phone numbers from which it will be possible to send the control commands.

More than one control command can be inserted in one SMS message.

When sending the USSD codes, the SMS message must have the following form:

**xxxx=yyyy=**

where “xxxx” is the control command and “yyyy” is the USSD code supported by the cellular network operator.

Using the command that controls sending of the USSD codes, you can send an SMS message via the control panel. The SMS message you will send to the control panel must have the following form:

**xxxx=tttt:cccc=**

where “xxxx” is the control command, “tttt” is the phone number to which the control panel is to send the SMS message, and “cccc” is the content of SMS message to be sent by the control panel.



*The control panel is case sensitive.*

## PERFECTA CONTROL application

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The PERFECTA CONTROL is an application which enables remote operation of the alarm system from mobile devices. The application can also send push notifications with information on alarm system events. If the IP cameras are installed in the protected premises, you can watch video from these cameras in the application.

You can download the application from the internet stores: “Google play” (Android system devices) or “App Store” (iOS system devices).

The tutorial will assist you in the configuration process and show you what to do next.

To add a new alarm system that you want to control from the application, you will need:

- control panel IMEI number and ID number. You can:
  - obtain them in the form of a QR code from the installer or a user who has already entered the control panel data to application,
  - access them in the keypad ([code] \* 9WXYZ 7PQRS).
- your user code.

## **Failure to arm**

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The installer can configure the alarm system in such a manner that it will not become armed after the exit delay countdown ends. It applies to situations when the control panel detected a problem that was not there when the exit delay countdown started. Find out from the installer how you will be notified of the arming failure.

# Notes

A series of horizontal dotted lines for writing notes.