

QUICK USER MANUAL

The full user manual and other manuals are available on **www.satel.eu**

SATEL sp. z o.o. ul. Budowlanych 66 80-298 Gdańsk POLAND tel. +48 58 320 94 00 www.satel.eu

perfecta-t_us_en 11/18

Firmware Version 1.02 Pane larm Control

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

Hereby, SATEL sp. z o.o., declares that this control panel is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. The declaration of conformity may be consulted at www.satel.eu/ce

SATEL's goal is to continually upgrade the quality of its products, which may result in some changes of their technical specifications and firmware. The current information on the introduced modifications is available on our website. Please visit us: http://www.satel.eu

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.

The following symbols may be used in this manual:

i - note,



- caution.

Thank you for choosing the product offered by the SATEL Company. Wishing you full satisfaction with the choice you made, we are always ready to provide you with professional assistance and information on our products.

Out of concern for the environment, SATEL has decided to reduce the amount of paper used. Instead of thick manuals, we offer you a brief control panel user guide. It contains all the information necessary for the daily operation of the control panel. The remaining part of the manual is available in electronic form on www.satel.eu

It is recommended that that the installers prepare their own user manual for the alarm system installed by them. The manual must include all changes and modifications in relation to the factory default settings.

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

1. Keypads

You can operate the alarm control panel by using a wired keypad (PRF-LCD) or a wireless keypad (PRF-LCD-WRL – which is supported by the PERFECTA-T 32-WRL control panels). Response of the wired keypad to the user's actions is faster than that of the wireless one. If the wireless keypad is not in use for 20 seconds, it enters inactive mode. In the inactive mode, the display is off, while the backlighting, LED signaling and audible signaling are disabled.



1

i The alarm system should include at least one keypad.

PRF-LCD / PRF-LCD-WRL		
Satel* perfecto		
(7 _{PQRS}) (8 _{TUV}) (9 _{WXYZ}) (★) ►		

	LCD display
green LED – indicates the partition state (each partition has its own LED)	Depending on the keypad settings and the alarm system status, one of the following information is presented on the display:
ON – partition is armed	 date and hour.
flashing – exit delay countdown in partition	 keypad name,
	 zone status indication symbols,
	system status message.
	Consult with the installer on how the display
	should be backlit.
 red LED – indicates alarm or alarm memory in the partition (each partition has its own LED) The information is presented for 2 seconds and 	Date and hour / keypad name Consult with the installer whether time or keypad name is to be presented on the display. If time is
repeated:	to be presented, define the mode of time
■■■■■■■■■ fire alarm,	presentation.
burglary / panic alarm,	Zone state
warning alarm,	Consult with the installer whether the zone
■ amper alarm,	status can be displayed on the keypad.
Fire alarm memory,	Press and hold down 9 wire for about 3 seconds
– burglary / panic alarm	status of zones will be displayed (numbers
memory,	around the display are zone numbers):
warning alarm memory,	- inhibited,
tamper alarm memory.	E – isolated,
	: – first triggered alarm,
	\mathbf{D} alorm
$(\Box - LED IS OFF; \blacksquare - LED IS ON)$	T – tamper alarm
	– tamper (Double EOL zone).
	 violated,
	fire alarm memory,
	a – alarm memory,
yellow LED – flashing when the system requires	t . – tamper alarm memory,
trouble memory) – use the 7.TROUBLE or	• – normal state.
7.SYSTEM STATE user function to find out the	Some symbols are not displayed in armed
cause of LED flashing	mode.
	Messages
	The keypad displays the following messages
	(the higher position on the list, the higher the
	e alarm
blue LED – indicates the service mode	 countdown of entry delay
ON – service menu in this keypad	 countdown of exit delay.
flashing – service menu in another keypad	 alarm memory.

[selecting user] 1.Code 2.Schedule 3.Partitions 4.Add key fob 5.Remov.key fob

> Button O Button Button Button Button • Button ○+● Key fob event 8.Name

Arming without partition selection	User menu ([CODE] (* 🏼)
[CODE] [P] - full arming	1.Change code
[CODE] (Implies) - day arming	2.Users
[CODE] () - night arming	1.New user
	1.Code
Arming partition 1	2.Schedule
1 CODEL ℓ ▲ - full arming	3.Partitions
1 (CODE) (CODE)	4.Add key fob
1 CODE C - night arming	5.Remov.key fob
	Button ○
Arming partition 2	
[2 _{ABC}] [CODE] [P] •] - full arming	Button A
Z _{ABC} E CODE E - day arming	Button
Z _{ABC} CODE CODE C	Button •
	Button ○+●
Quick arming	Keyfob event
1 Pl - partition 1 full arming	8.Name
1	2.Edit user
1 C I - partition 1 night arming	[selecting user]
2_{arc} \mathbb{P}^{1} - partition 2 full arming	1.Code
$2_{\text{asc}} \approx 1$ partition 2 day arming	2.Schedule
2_{arc} (4) - partition 2 high arming	3.Faithols
$\mathbf{O} \mathbf{O} \mathbf{O} \mathbf{O} \mathbf{O}$ or $\mathbf{S}_{\mathrm{rec}} \mathbf{O} \mathbf{O} \mathbf{O}$ both partitions full	5 Removik
arming	Button O
0 9 ★ • or 3 _■ • • • • both partitions day	Button
arming	
O • C • or 3 _{DEF} C • both partitions night	Bullon A
arming	Button
	_ Button ●
Disarming and/or alarm clearing	Button ○+•
[CODE] (X) - in both partitions	Key fob ev
1 [CODE] [X] - in partition 1	8.Name
$\overline{(\mathbf{Z}_{ABC})}$ $\overline{(\mathbf{X} \mathbf{v})}$ [CODE] $\overline{(\mathbf{X} \mathbf{v})}$ - in partition 2	3.Remove user
Triggering the alarm from keypad	1 Inhibit
fire alarm - press * • for 3 seconds	2 Isolate
panic alarm - press # D for 3 seconds	5.Event log
medical alarm - press 0 9 for 3 seconds	6.Set time
	7.Troubles / 7.System state
Quick control of outputs	8.Outputs ctrl.
[number key] (# 10) - activating output	9.Tests
[number key] * • deactivating output	1.Zones test
	2.Outputs test
Quick trouble checking	3.Signal level
press 7 _{PQRS} for 3 seconds	4. I est event
	Boplace battery
Turning the CHIME on /off	
press 8 _{Tuv} for 3 seconds	Service mode

1.1 Codes

Operating the alarm system by means of the keypad is possible after entering the code. Only some functions can be run without the code being entered.



Do not make your code available to other people.

For information on assignment of codes to the users, please refer to the full version of the user manual.

1.1.1 Factory default codes

By default, the following codes are preprogrammed in the control panel:

user 15 code: 1111

service code: 12345



The factory default codes should be changed before you start using your alarm system (see: "Changing code").

1.2 Arming

1.2.1 Arming without partition selection

Enter the code, and then press:

- P ▲ to arm in full mode,
- 💌 🕨 to arm in day mode,
- to arm in night mode.

The partitions you have access to will be armed (after expiry of the exit delay countdown).

1.2.2 Arming the selected partition

- 1. Select the partition which is to be armed (press one of the keys: 1 partition 1; 2_{ABC} partition 2).
- 3. Enter the code.
- 4. Press **#D** or press again the key corresponding to the selected arming mode.
- 5. The selected partition will be armed (after expiry of the exit delay countdown).



When the quick arming is available, the steps 3 and 4 are skipped.

1.2.3 Quick arming

The installer may permit arming without entering the code.

- 1. Indicate the partition(s) to be armed (press one of the keys: 1 partition 1; 2_{ABC} partition 2; 3_{DEF} or 0 both partitions).
- 3. The partition(s) will be armed (after expiry of the exit delay countdown).

1.2.4 Arming without delay

If there is nobody in the partition or nobody is leaving the partition which is to be set to the day / night armed mode, you can arm the partition without exit delay (there will be no beeps accompanying the exit delay countdown). When setting the partition to one of the above-mentioned armed modes, hold down the armed mode selection key ($(P \land), ((\land))$) for about 3 seconds. The exit delay countdown will not run.

1.2.5 Terminating the exit delay countdown

When the exit delay countdown is running, you can terminate it, thus shortening the exit delay time. Press and hold down (A), (A) or (A) for about 3 seconds (it is of no consequence which key you will press).

1.3 Disarming and alarm clearing



Alarm clearing results in canceling the voice messaging about alarm (unless the control panel has already managed to notify the users about the alarm).

1.3.1 Disarming and alarm clearing without partition selection

Enter the code and then press \mathbf{x} . Disarming / alarm clearing will take place in the partitions to which you have access.

1.3.2 Alarm clearing without disarming

If the partition is armed and you want to clear the alarm without disarming the partition, enter the code and then press (A), (A) or (A) (it is of no consequence which key you will press). In the partitions you have access to, the alarm will be cleared.



You cannot clear the warning alarm without disarming the system first.

1.3.3 Disarming and alarm clearing in selected partition

- Select the partition which is to be disarmed and/or where alarm is to be cleared (press one of the keys: 1 partition 1; 2_{ABC} partition 2).
- 2. Press 🗶 💌. Backlight of the keys will start flashing, which indicates that the code must be entered.
- 3. Enter the code.
- 4. Press **X v** or **#U**.
- 5. Selected partition will be disarmed / alarm will be cleared.

1.4 Output control

Consult the installer whether the quick control of outputs is available (the controllable outputs must be assigned to the keys designated with digits). If the quick control is available, you can turn ON/OFF devices connected to the outputs without having to enter the code. If the quick control is not available, you can only control the operation of devices by using the 8.OUTPUTS CTRL. user function.

Quick activation of output

Press the key to which the controllable output is assigned, and then **#D**.

Quick deactivation of output

Press the key to which the controllable output is assigned, and then $(* \bullet)$.

1.5 Turning the CHIME on /off

The CHIME is five short sounds by means of which the keypad will inform you e.g. that a door / window is open. The installer defines which zones of the alarm system can trigger the CHIME and whether it can be turned on/off by the users.

Press and hold down $(\mathbf{8}_{TUV})$ for about 3 seconds to turn on or off the CHIME signaling.

1.6 User menu

Enter the code and press (*) to get access to the user menu. The functions you can run will be displayed. The list of available functions depends on your rights, as well as on the state and configuration of the system.

In order to quit the function and/or user menu, press *** •**. The keypad will quit the menu automatically, if 2 minutes have elapsed since the last keypress.

All user functions are described in the full user manual. Only a few selected functions are discussed below.

1.6.1 Changing code

- 1. Enter the user menu and press **1** to run 1.CHANGE CODE function.
- 2. Enter the new code.
- 3. Press **# D** to save new code.

1.6.2 Zone bypassing

If a zone is not to trigger alarm, you can bypass it, when the partition to which the zone belongs is disarmed. Zone bypassing is useful, for example, when you want to leave a window open when the system is armed or when a detector connected to the zone is out of order and sets off false alarms.

Zone inhibiting

The inhibited zone will remain bypassed until disarming the partition it belongs to, or until unbypassing the zone by the user.

- 1. Enter the user menu and press in turn 4_{GHI} 1 to run 1.INHIBIT function.
- 2. The list of zones will be displayed. You can scroll the list using the 🗶 v and vers. There is a symbol in the upper right corner of the display:
 - · zone is not bypassed,
 - \square zone is inhibited,
 - zone is isolated.
- 3. Press any number key to change the displayed symbol to one of the following symbols:
 - the zone is to be inhibited,
 - \cdot the zone is to be unbypassed.
- 4. If you want to see the status of all zones which you can inhibit/unbypass, press (▲) or (▲). The numbers around the display enable identification of the zones. Use the (▲) and (▲) keys to move the cursor. To inhibit/unbypass a zone, hover the cursor over it and press any number key. If you want to restore the previous way of presentation of the zone list, press (▲) or (▲).
- 5. Press **# D** to inhibit/unbypass zones.

Zone isolating

The isolated zone will remain bypassed until it is unbypassed by the user.

Enter the user menu and press in turn $(\mathbf{4}_{GHI})$ $(\mathbf{2}_{ABC})$ to run 2.ISOLATE function. The way of indicating the zone state and the procedure are identical to those used for inhibiting the zones, but pressing any number key will change the displayed symbol to one of the following symbols:

- the zone is to be isolated,
- - the zone is to be unbypassed.

1.6.3 Viewing the event log

Enter the user menu and press 5_{JKL} to run 5.EVENT LOG function. The last event that occurred in the system will be displayed. In the upper line of the display, the event occurrence time is presented, and in the lower line – the event description. You can use the P and X keys to scroll the event log.

1.6.4 Checking the troubles / system state

When the P LED is flashing, check what is the cause of this signaling. Enter the user menu and press \fbox{P}_{PQRS} . To scroll the list, use the \vcenter{P} and \vcenter{P} keys.

2. Keyfobs

You can operate the PERFECTA-T 32-WRL alarm system by using the MPT-350 keyfob. To operate the PERFECTA-T 32 alarm system, you can use any SATEL 433 MHz keyfob, provided that the 433 MHz keyfob receiver expansion module (INT-RX-S) 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.

