

**Alarm Control Panel**

**CA-6**

Firmware version 5.06

**Satel** 



## **QUICK USER GUIDE**

The full version of User Manual and other manuals are available on CD included in the control panel delivery set or on the website **[www.satel.eu](http://www.satel.eu)**

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**We are glad that you have chosen a product offered by us. We wish you satisfaction with your choice and would like to assure you that we are always ready to provide expert assistance and information on our products.**

**Out of concern for the environment, SATEL has decided to reduce its paper consumption. Instead of comprehensive manuals we offer you a short guide for control panel users. It contains all the information necessary for daily operation of the panel. The other manuals are available in electronic form at [www.satel.eu](http://www.satel.eu)**

**SATEL is a manufacturer of a wide range of dedicated devices for use in security systems. Additional information on these products can be found on the website [www.satel.eu](http://www.satel.eu) or at points of sale offering our products.**

**Hereby, SATEL sp. z o.o., declares that this control panel is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. The declaration of conformity may be consulted at [www.satel.eu/ce](http://www.satel.eu/ce)**

Read this manual carefully before operating your security system.

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

**IMPORTANT !**

**The alarm system is not able to prevent a burglary or robbery. Its purpose is to signal an emergency. The system should be installed by qualified professionals who will inform you about the rules of using it and ensure its regular maintenance and testing. We recommend regular testing of the alarm system to ensure that it will react properly in case of burglary or robbery.**

SATEL's goal is to continually improve the quality of its products, which may result in alterations of their technical specifications and firmware. Current information on the introduced modifications is available on our website.

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# 1. Keypads description

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## 1.1 Indicator LEDs



**Green**

**illuminated** – 230 V AC mains and battery power OK

**blinking** – low battery

**extinguished** – 230 V AC power failure

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**Green**

**illuminated** – control panel occupies telephone line

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**Red** – letters A and B are used for partition identification

**blinking** – alarm

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**Yellow** – letters A and B are used for partition identification

**illuminated** – partition armed

**blinking** – exit delay countdown

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**Yellow**

**blinking** – trouble (to check the cause of trouble, press and hold down the **7** key)

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**Red** – digits correspond to zone numbers

**extinguished** – normal zone status

**blinking slowly** – zone bypassed

**illuminated** – zone violated

**blinking rapidly** – alarm memory

**illuminated, briefly extinguishing every 2 seconds** – zone tampered

**flashing every 2 seconds** – tamper memory

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**Yellow [CA-6 KLED-S only]** – illustrates the functioning of the buzzer in the keypad

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When using the features available in the control panel, the LEDs can also provide additional information.

## 1.2 Keys

The keys designated with digits and letters enable entering the code and data when using the keypad.

The **\*** key allows you to:

- enter the user menu (after entering the code);
- enter the service mode (after entering the service code);
- exit some functions.

The **#** key allows you to:

- arm/disarm and clear alarm (after entering the code);
- enter the service mode (after entering the service code);
- confirm the entered data.

**Note:** *The service mode is not available when there is an alarm or any partition is armed.*

Press and hold down selected keys for about 3 seconds to:

- 5** - view the alarm log;
- 6** - view the trouble log;
- 7** - view the current troubles;
- 8** - enable/disable the CHIME signal in the keypad (signaling violation of selected zones with 5 short beeps);

- 9 - change the keypad backlight mode [only in CA-6 KLED-S] – the number of short beeps indicates which backlight mode is enabled (1 – no backlight; 2 – automatic backlight; 3 – permanent backlight);
- 0 - trigger the auxiliary alarm;
- \* - trigger the fire alarm;
- # - trigger the panic alarm.

### 1.3 Sound signaling

#### Beeps generated during operation

**1 short beep** – pressing any number key.

**3 short beeps** – to signal:

- arming;
- disarming and/or alarm clearing;
- deactivating the 13. BI SWITCH type output by means of user functions.

**4 short beeps and 1 long beep** – to signal:

- entering the service function menu;
- activating the 12. MONO SWITCH or 13. BI SWITCH type output by means of user functions;
- finishing the function and exiting the user menu, after confirming the entered data.

**2 long beeps** – an unknown code, unavailable function, or exiting the function without confirmation of the data entered (after using \* key).

**3 long beeps** – refusal to arm (some zones are violated or battery failure).

#### Events signaled by sounds

**1 short beep every 3 seconds** – to signal:

- service mode;
- entry delay countdown.

**2 short beeps every 3 seconds** – trouble (the sound signaling of trouble will stop after viewing the current troubles).

**5 short beeps** – zone violation (CHIME).

**1 long beep every second** – fire alarm.

**1 long beep every 3 seconds** – exit delay countdown.

**5 long beeps** – zone violation:

- the 4. DAY/NIGHT type, when the partition is disarmed;
- the counter type (triggers alarm after a preset number of violations), when the partition is armed.

**Continuous beep** – alarm.

#### Notes:

- Only installer selected events are signaled.
- Alarms will be signaled as long as programmed by the installer.

## 2. Codes and users

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To perform many of the CA-6 control panel functions you must enter a code. By default, the following codes are preprogrammed in the control panel:

**master (administrator) code for partition 1: 1234**

**service code: 12345**

The master user (administrator) can add new users. For security reasons, each user should have their individual code. The master user defines an authority level for each user. The functions to which the user has access depend on the authority level. For description of the authority levels please refer to the full user manual. The master user can create up to 12 users. The users can have access to one or both partitions.

The service code enables access to the service functions, but does not allow everyday operation of the control panel (using this code you will not be able to arm or disarm the system).

## 3. Arming

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Prior to arming, make sure that there are no violated zones (e.g. open windows or doors), which may prevent the system from arming (if the system has been so configured by the installer).

After arming, the exit delay countdown may be running, which allows you to leave the premises without triggering alarm (the zones will be armed only when the exit delay countdown is finished).

If, during the exit delay countdown, the control panel will not register leaving the premises (the zone monitoring the exit route will not be violated), the selected zones can be automatically bypassed, thus enabling you to stay in the protected premises. The installer shall define which zones are to be bypassed in such a case.

### 3.1 Full arming

Enter the code and confirm using # key. The partition(s) to which the user has access will be armed.

**Note:** *The user having the authority 7 can only activate partial armed mode (the installer selected zones will be bypassed).*

### 3.2 Quick arming

If your installer has enabled the Quick Arm feature, you will be able to arm the system without using the code. To quickly arm the system, press in turn the keys:

**0#** - both partitions;

**1#** - partition A;

**2#** - partition B.

### 3.3 Arming in silent mode

During the silent armed mode, the alarms from zones are only signaled on the keypad (however, the installer can program the control panel output so that it can provide information about alarms being signaled on the keypad). After activating the silent armed mode, the installer selected zones will be bypassed.

1. Enter the code and confirm using \* key. The ,  and  LEDs will start blinking.
2. Press the **5** key. The partition(s) to which the user has access will be armed in silent mode.

## 4. Disarming and alarm clearing

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In order to disarm the partition and clear the alarm, enter the code and confirm with the # key.

## 5. Triggering the alarm from keypad

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If your installer has enabled this feature, the alarms can be triggered from the keypad as follows:

**fire alarm** – press and hold down the \* key for approx. 3 seconds;

**auxiliary alarm** – press and hold down the 0 key for approx. 3 seconds;

**panic alarm** – press and hold down the # key for approx. 3 seconds.

## 6. Viewing alarm log

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Press and hold down the 5 key for approx. 3 seconds. Information on the alarm is presented on the numbered LEDs:

- a single LED is illuminated – alarm from the zone whose number corresponds to that of the LED;
- a single LED is blinking – tamper alarm from the zone whose number corresponds to that of the LED (double EOL zone wiring);
- seven out of the eight LEDs designated by numbers 1-8 are illuminated and one of the LEDs designated by numbers 1-5 is blinking – alarm from keypad. Blinking of the LED has the following meaning:
  - 1 – fire alarm triggered from keypad;
  - 2 – panic alarm triggered from keypad;
  - 3 – auxiliary alarm triggered from keypad;
  - 4 – keypad tamper;
  - 5 – three invalid codes entered.

Information about the last alarm is displayed first. If you press any key (except for \*) information about the previous alarm will be displayed. Press the keys repeatedly to scroll back the alarm log.

## 7. Viewing trouble log

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Press and hold down the 6 key for approx. 3 seconds. Information on troubles is presented on the numbered LEDs. The LEDs indicate (status when lit):

- 1 – OUT1 trouble;
- 2 – OUT2 trouble;
- 3 – OUT3 trouble;
- 4 – 230 V AC loss;
- 5 – battery trouble;
- 6 – no keypad supply;
- 7 – time not set;
- 8 – monitoring trouble.

Information about the last trouble is displayed first. If you press any key (except for \*) information about the previous trouble will be displayed. Press the keys repeatedly to scroll back through the trouble log.

## 8. Viewing current troubles

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Press and hold down the 7 key for approx. 3 seconds. The trouble information is presented on LEDs designated by digits and on LEDs designated by letters. The LEDs indicate (status when lit):

- 1 – OUT1 trouble;

- 2 – OUT2 trouble;
- 3 – OUT3 trouble;
- 4 – 230 V AC loss;
- 5 – battery trouble;
- 7 – time not set;
- 8 – monitoring trouble;
- A  – no voltage on telephone line;
-  B – telephone line trouble – wrong dial tone;
- A  – telephone line trouble – no dial tone;
-  B – control panel RAM memory error.

## 9. Using selected user functions

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All the user functions are described in the full version of the user manual. Described below are just a few selected functions.

### 9.1 Changing your own code

1. Enter the code and confirm using \* key. The ,  and  LEDs will start blinking.
2. Press the 1 key.
3. Enter the new code (4 to 6 characters) and confirm with # key.

### 9.2 Zone bypassing

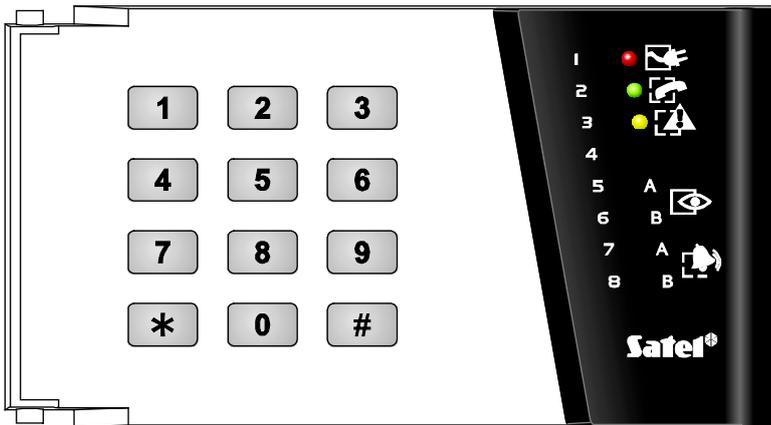
1. Enter the code and confirm using \* key. The ,  and  LEDs will start blinking.
2. Press the 4 key
3. The LEDs designated by digits indicate the current zone status:
  - LED extinguished – the zone is not bypassed,
  - LED blinking – the zone is bypassed.
4. Using the keypad, enter the number of zone which is to be bypassed (if it is not bypassed) or unbypassed (if it is bypassed).
5. Having selected the zones to be bypassed / unbypassed, press the # key.

#### Notes:

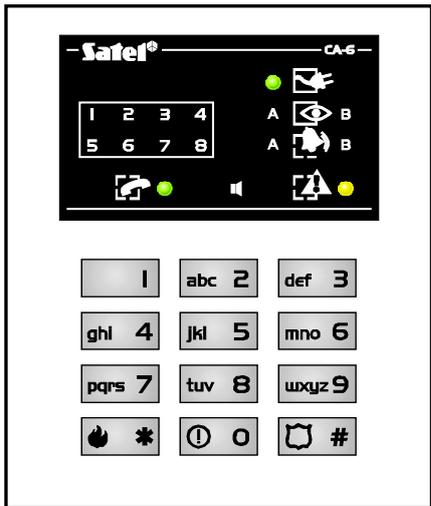
- *For security considerations, the installer can reduce the number of zones that the user is authorized to bypass.*
- *Bypassing the zones reduces the level of security. Prior to arming, make sure that there are no accidentally bypassed zones, which can allow an intruder to gain access to the protected area, despite the system being armed.*
- *If a zone is bypassed because of its malfunctioning (e.g. because of detector trouble), call the service technician immediately to repair the fault.*

# 10. Quick keypad operating instructions

**CA-6 KLED**



**CA-6 KLED-S**



 **illuminated** – 230 V AC mains and battery power OK  
**blinking** – low battery  
**extinguished** – 230 V AC power failure

 **illuminated** – control panel occupies telephone line

 **blinking** – alarm

 **illuminated** – partition armed  
**blinking** – exit delay countdown

 **blinking** – trouble

 the LED illustrates the functioning of the buzzer in the keypad

**Viewing alarm log**  
 press and hold down the **5** key for approx. 3 sec.

**Viewing trouble log**  
 press and hold down the **6** key for approx. 3 sec.

**Viewing current troubles**  
 press and hold down the **7** key for approx. 3 sec.

**Arming**  
**Disarming**  
**Alarm clearing**  
**[CODE]#**

**Quick arming**  
**0#** - both partitions  
**1#** - partition A  
**2#** - partition B

**Triggering the alarm from keypad**  
**fire alarm** - press and hold down the **\*** key for approx. 3 sec.  
**panic alarm** - press and hold down the **#** key for approx. 3 sec.  
**auxiliary alarm** - press and hold down the **0** key for approx. 3 sec.

**Entering the user menu**  
**[CODE]\***

**Starting the user functions**  
**[CODE]\*1** – Change own code  
**[CODE]\*2** – Add user  
**[CODE]\*3** – Erase user  
**[CODE]\*4** – Bypass zones  
**[CODE]\*5** – Arming silent  
**[CODE]\*6** – Set time  
**[CODE]\*7** – MONO outputs activate  
**[CODE]\*8** – BI outputs switch  
**[CODE]\*9** – Supply reset  
**[CODE]\*0** – Telephone DOWNLOADING start

**Enabling/disabling the CHIME signal**  
 press and hold down the **8** key for approx. 3 sec.