	KEYPAD
![Satel logo]	# CA-10 KLED-S

The CA-10 KLED-S keypad is designed for operating and programming the CA-10 alarm control panel. Information on the security system status is provided by 23 LED indicators and acoustic signals. The keypad has 12 keys intended for entering data and launching selected functions. The keys can be illuminated, and operations with them can be audibly acknowledged.
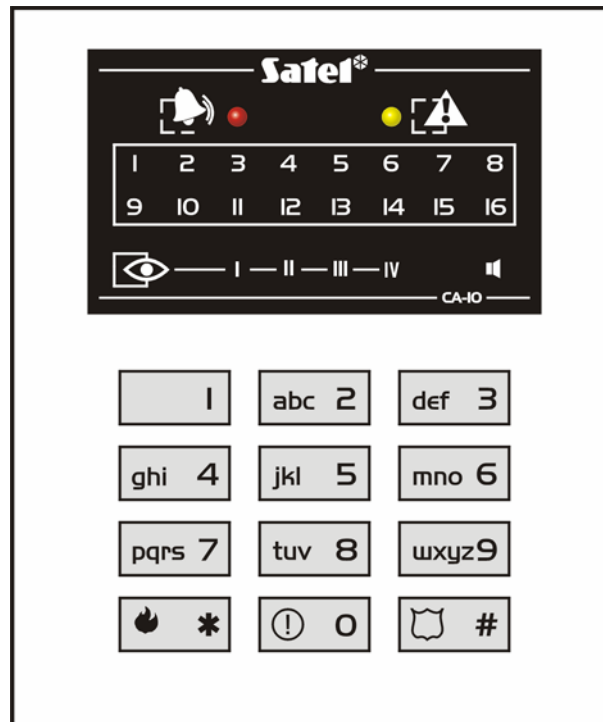

Fig. 1. View of the keypad.

LED indicators show the current status of 4 partitions and 16 zones of the control panel:

ALARM (red color) - blinking LED indicates alarm in partition. The LED goes out after alarm reset.

TROUBLE (yellow color) – blinking LED indicates there is a failure in the alarm system.

ARMED – 4 LEDs (green color), designated with Roman numerals from I to IV and assigned to 4 partitions (I – partition 1, II – partition 2, III – partition 3, IV – partition 4) – LED ON indicates that the particular partition is armed. The blinking LED indicates that partition exit delay countdown is in process. Additionally, when the GO TO function is used, the rapidly blinking LED indicates the partition currently controlled by the keypad.

1...16 - (red color) LEDs indicating the status of system zones:

- ON – zone violated,
- blinking fast – alarm memory (the zone triggered alarm, but is not violated any more),

- ON with a short extinguishment every 2 seconds – detector tamper (2EOL zone type),
- flashing 2 every 2 seconds – tamper memory (detector was tampered - 2EOL zone type),
- blinking slowly – zone bypassed (indicated only with the partition disarmed).

**◀** - the (yellow color) LED is ON when the keypad audible signal (beeper) is sounding.

Some of the control panel states are additionally indicated by the following combinations of the ▣ [ALARM], ▣ [ARMED] and ▣ [TROUBLE] LEDs.

- ▣ [ALARM] and ▣ [ARMED] LEDs (one of the LEDs I to IV, depending on which partition the keypad is assigned to) are blinking alternately - the control panel is in the service mode;

- ▣ [ALARM], ▣ [TROUBLE] and ▣ [ARMED] LEDs (one of the LEDs I to IV, depending on which partition the keypad is assigned to) are blinking simultaneously - the control panel signals entering into the user functions menu;

- ▣ [ALARM] LED is blinking, ▣ [ARMED] and ▣ [TROUBLE] LEDs are ON - the control panel performs the alarm memory display function;

- ▣ [TROUBLE] LED is blinking, ▣ [ALARM] and ▣ [ARMED] LEDs are ON - the control panel performs the trouble memory display function.

For further information regarding the installation and operation of the keypad please refer to the INSTALLER MANUAL and USER MANUAL of the CA-10 alarm control panel.

Technical data

Nominal supply voltage (±15%)..12V DC
Average current consumption 15mA
Operating temperature range .... -10°C…+55°C
Housing dimensions (width x height x thickness).......................................80x95x20mm

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The latest EC declaration of conformity and product approval certificates are available for downloading on the **www.satel.pl** website	C E