

Satel®

# CA-5 Plus

Remote programming over **GPRS**  
Remote control by **SMS**



# CA-5 Plus

The CA-5 Plus system is a combination of the popular and quality proven CA-5 control panel with extra capacities enabled by a GSM/GPRS communicator. The equipment in the system are the CA-5+ control panel and the GPRS-T1+ module. In this new configuration, the system offers functionalities which have previously been available only in much more extensive equipment. What is noteworthy is first of all the remote programming over GPRS functionality and control by SMS (text messages). Combined with the option of remote system management via a security monitoring station, CA-5 Plus is a perfect solution for security providers who seek a simple, quick to install and reliable security system with extensive communication functions.

**The CA-5 Plus system is ideal for securing small facilities, like for example apartments, kiosks, boutiques or service outlets.**

# functionality

## User

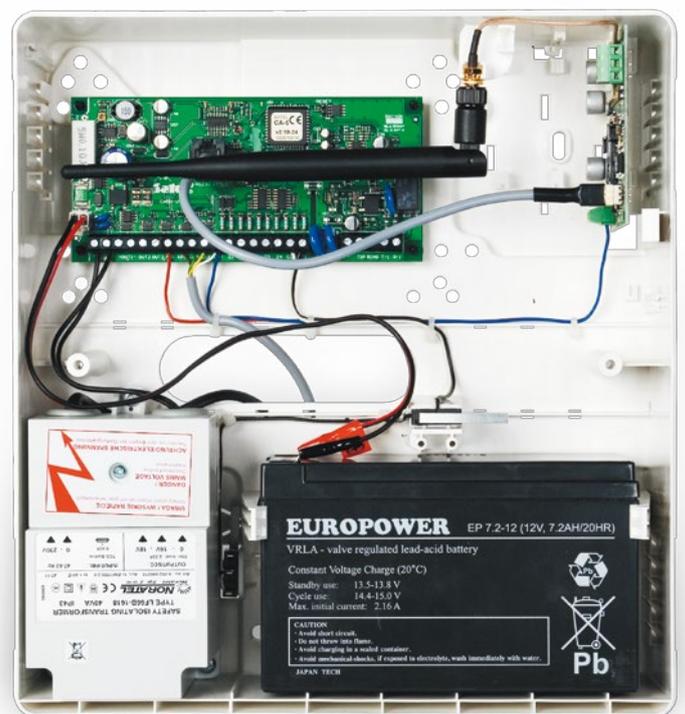
The daily operation of the CA-5 Plus system with LCD and LED keypads is very easy, even to children or seniors. The close integration of the control panel with the GSM/GPRS communication module offers additional and very useful operating functions. The most important ones include: data transmission to the security monitoring station over GPRS, the backup SMS and PSTN routes, or SMS alerts about alarms sent to the user's mobile phone. CA-5 Plus allows the user to remotely control the basic functionalities of the alarm system by SMS messages. This solution will be appreciated especially by those who are frequently away from the secured facility and cannot control the system locally.

## Installer

CA-5 Plus also provides new facilities for service technicians. It enables remote connection over GPRS to perform system diagnostics or modify its settings. There is also the function of remote updates for the GPRS module software, which allows using the new functionalities without having a service technician on site. This reduces the costs of system maintenance.



CA-5 KLED-S and CA-5 KLCD-S keypads

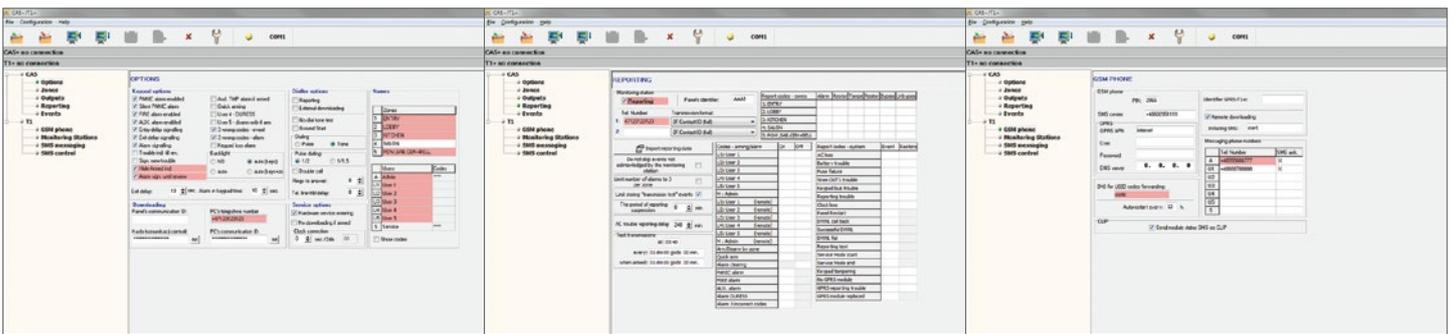


an example hardware configuration in the OPU-4 housing



# CA5+/T1+ software

CA5+/T1+ software



In order to maximise the ease of using the CA-5 Plus new functionalities special software called CA5+/T1+ was developed. The software runs in the Windows environment and allows configuring both the control panel and communication module. The separate tabs for programming the individual functions make operation of the software incredibly easy and intuitive. Apart from device configuration, CA5+/T1+ also enables event log reading and

verifying online system status. This facilitates remote diagnostics. The connectivity with devices is achieved locally over an RS-TTL cable or remotely over GPRS. This allows to quickly and efficiently configure the control panel during installation, as well as to modify some settings later without physically visiting the secured facility.

## CA-5 Plus system

# communication

simple alarm system with

**GSM/GPRS** communication



# advantages

## SMS messaging and control

The functionality of system messaging and control with SMS enhances the user's safety. The user can view the complete information about their system's status any time. Now the user can check whether the system was armed or not, or if any threats were detected by the alarm system. Remote control facilitates using the system in special circumstances, e.g. when the user is away and needs to let someone who cannot handle the alarm system operation into their home, or when the user does not wish to reveal the system access codes to other people. It is also possible to remotely bypass control panel zones. The user can change their personal password by sending the required SMS command to the control panel. It is especially important if the user needs to grant one-time access to the secured facility.

## Quick and easy to install

The factory pre-configuration of devices makes commissioning the system based on CA-5+ control panel very quick and easy. Assembly of the system requires only physical installation of equipment, wiring connection and turning the power on. The installer performs only the basic configuration actions to adapt the factory settings to the actual demands of the system and its users, and to do functional tests of the whole system before passing it to the user. This results in real savings, not only in the terms of time, when compared to the need of full alarm control panel programming.

## Remote programming and diagnostics

The communication functionalities enabled by the GPRS T1+ module, acting as an integral part of CA-5 Plus, allow detailed diagnostics and configuration modifications without actually visiting the secured site. This saves time and enables to respond even more quickly to customer calls, which further increases their satisfaction.



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