

HOW

does a perfect electronic security system work?
do you operate household appliances from anywhere
and have it under control?

OASiS is a professional electronic security system that adjusts exactly to the requirements of your house or apartment. You have an overview of everything that is happening in your household or company via your mobile phone or Internet. You already have the essential part of the security system – your mobile phone. Events from the guarded area can be also reported to a security services agency that in the case of burglary or possible fire emergency ensures immediate professional intervention on the spot. Your possessions are consequently taken care of despite that fact that you are on holiday or have your phone switched off.

The OASiS security system features:

- its installation is very considerate to the interior
- it enables you to add up to 50 wireless devices (detectors, controls, sirens)
- wireless devices are powered by lithium batteries with a lifetime of 3 years as a minimum
- enables you to connect up to 30 hard-wired zones
- for communication, the GSM/GPRS, LAN/TEL or telephone communicators can be selected
- in the case of alarm, it notifies a security services agency and informs you via your mobile phone
- can be operated by up to 50 authorised users
- all keypads of the system have a built-in contactless RFID card reader ensuring easy control of the system (up to 50 cards or codes)
- is able to inform you who came to or left the house, and when, e.g. children coming back from school
- OASiS can be remotely operated via a mobile phone or from the Internet
- the motion detector can take a photo of the burglar – photos are sent to a secure server where they are available via your mobile phone or by Internet
- you will be notified about fire alarms in time – thanks to sensitive smoke detectors
- have you forgotten to close a window or door? OASiS will let you know on leaving the house
- security components can also be used for home automation. If you already have them, why don't you use them?

MOBILE PHONE NOTIFICATION

OASiS reports selected events by SMS to your mobile. In the case of an alarm, you are immediately notified by SMS on what kind of alarm it is and what it was caused by, e.g. "HOME ALARM REPORTS: FIRE ALARM CHILDREN'S ROOM". If you are connected to a security services agency, dispatching will make sure help is sent immediately.

OPERATION BY MOBILE PHONE AND INTERNET

Operating the security system by mobile phone or Internet is easy via the built-in GSM or LAN communicator. Consequently you can remotely switch on or off not only the alarm system, but other technologies and devices in the house too, such as heating and irrigation systems, lights, etc. You can send a command from your mobile phone by SMS – e.g. "SWITCH HEATING ON" or call the communicator directly and input a numeric password.



OPENING WINDOW/DOOR DETECTION
The JA-81M magnetic detector reacts to window or door opening. It provides another wired input terminal to the system, has input terminals for other magnets or additional sensors. It is an inseparable part of the general outdoor protection of a building.

MOTION DETECTION
The JA-80P motion detector guards interior space and reports movement of people within its visual field to the control panel. You are notified about the movement via your mobile phone. It can be installed in one cover with a detector guarding window glass-breaking (JA-80PB).

GAS LEAK
The JA-80G detector reports the presence of combustible gas and by means of the alarm relay it closes the supply valve. A gas leak is signalled by a siren and by a fire alarm on the control panel. You are informed about the gas leak via your mobile phone.

MOTION DETECTION WITH PHOTOGRAPHING AN OFFENDER
The JA-84P motion detector with a camera and flash guards interior space and reports movement of people within its visual field to the control panel. It takes black and white still photos of the guarded area and sends them to a secure server and makes them available to you via your mobile phone.

FIRE DETECTION
The JA-80S reacts to the presence of visible combustion products and temperature increases in a room caused by fire. It reports fire alarms to the control panel wirelessly and has a built-in local warning siren. You receive a fire warning via your mobile phone.

WINDOW-OPENING DETECTION
This JA-82M "invisible" magnetic detector is mounted directly inside the plastic or wooden window frames and it is therefore totally discreet. It reliably reports tampering with a window.

GARAGE DOOR OPERATION
Doors and parking gates can be operated by hand-held or wall-mounted remote controls or ideally by the RC-85 control, suitable for assembly in cars as well. This remote control can be activated e.g. by flashing the full-beam headlights. A door detector detects any tampering with garage doors.

GLASS-BREAK DETECTION
Breaking glass in a window or door is detected by glass-break detectors. They form, together with the window/door opening detectors, the basic outdoor protection of the guarded building. They can be installed independently (JA-85B) or combined with the JA-80PB motion detector.

CONTROL PANEL
The central unit of the system is the OASiS control panel with 50 addresses for wireless devices, up to 30 wired inputs and two programmable outputs. The components can be assigned to three sections. It is possible to set up to 50 user codes and cards. The GSM/GPRS, LAN/TEL or telephone communicators reporting events from the system to the owner and to the security services agency can be connected to the control panel.

HEATING REGULATION
The TP-8x wireless thermostats control individual heating circuits wirelessly (through AC receivers). You receive SMS reports of critically low or high temperatures on your mobile phone. The heating system can be operated remotely via mobile phone or can be blocked automatically while you air rooms.

WIRELESS OPERATION
The RC-88 remote control enables you to operate various appliances in the house through AC-82 or UC-82 receivers. It can be used e.g. to open garage doors, to substitute a light switch you forgot about, etc.

SYSTEM OPERATION
The JA-80F LCD system keypad wirelessly operates and programmes the system and signals its status. It has a built-in RFID card reader to operate the system and an input terminal to connect an additional detector. Texts displayed on the keypad can be edited.

INTERIOR SIGNALLING
The efficient JA-80L interior siren is powered by a mains socket outlet and besides alarms, it signals entrance and exit delays. If unplugged from the mains, it signals tampering. It functions as a wireless bell, or signals people passing through and door opening.

OUTDOOR SIGNALLING
The JA-80A outdoor wireless siren acoustically signals outdoor intrusion and works as an advanced tamper detector. The siren is wireless, which greatly eases installation. It is powered only by a lithium battery.

CALLING FOR HELP
Wireless emergency buttons are used to call for help. You can wear the RC-87 waterproof button literally on your hand all the time as a wrist watch, or around your neck on a neck strap.

SYSTEM OPERATION BY A KEY FOB
RC-86 remote controls may be used to operate the system easily. They easily and comfortably secure and release the system by only pressing buttons.

OASiS is a clever security system securing your house against damage caused by burglars, fire, gas leaks, floods, etc. It offers many opportunities to comfortably operate various devices and appliances in the house locally as well as remotely via a mobile phone or by Internet. **It's your guardian and helper.**

WIRELESS COMPONENTS

<p>OASIS JA-82K Control Panel</p> <p>is a building-block-like system that contains 50 addresses for wireless devices. The basic component is a panel with 4 hard-wired inputs. This panel can be extended with other expansion modules – the JA-82R radio module and JA-82C hard-wired inputs module. The GSM/GPRS, LAN/TEL or telephone communicators can be connected to the control panel. For partial setting or dividing the building the components can be assigned to 3 sections (A, B, C). The control panel operates sirens and 2 programmable outputs. The system can be operated by using RFID cards or by inputting the access code. Up to 50 user codes and cards can be set up. It has a memory of 255 events.</p>	<p>OASIS JA-83K Control Panel</p> <p>is a hybrid version of the OASIS control panel for installation requiring up to 30 hard-wired zones.</p>	<p>JA-82R Radio Module</p> <p>enables to input up to 50 wireless items of the JA-8x series into the control panel. OASIS uses the reliable 868 MHz communication band for radio communication.</p>	<p>JA-82C Hard-wired Input Module</p> <p>expands the capacity of the control panel by 10 hard-wired input terminals. Depending on the control panel type the hard-wired inputs may be expanded from 14 to 30.</p>
<p>JA-80Y GSM Communicator</p> <p>is a communicator using GSM mobile network. It allows operating the system remotely by telephone and Internet. It reports events to a mobile phone and to a control desk. It provides a simulated phone line (GSM gate function).</p>	<p>JA-80V LAN/TEL Communicator</p> <p>is a communicator combining a LAN line with a standard telephone line. It allows operating the system remotely by telephone and Internet. It reports events to a mobile phone and control desk.</p>	<p>JA-80X Telephone Communicator</p> <p>reports alarms via a telephone line to up to 4 numbers by voice (it allows recording 6 messages). It allows operating the system remotely by telephone and transmitting CID reports back to the control desk. It can be combined with the JA-80Y module.</p>	
<p>JA-80F (E) System Keypad</p> <p>wirelessly operates and programmes the system, contains a reader of access cards (RFID) and has an input terminal to connect a sensor detecting door opening. The JA-80E is a wired version of the keypad and is connected via cable.</p>	<p>RC-86 Key Fob</p> <p>enables you to operate the system or appliances in the house. Buttons functions are programmable. Depending on the plastic housing, it is possible to select 2 or 4 buttons.</p>	<p>RC-87 Emergency Button</p> <p>activates an emergency alarm remotely or can operate appliances. It is used mainly for the personal calling for help. The button can be worn as a wrist watch or on a neck strap. It is powered by battery.</p>	<p>JA-84P Motion Det. with a Camera</p> <p>confirms alarm visually. It takes 4 still photos in sequence and transfers them wirelessly via the control panel to a server and to the owner (the control panel must contain the JA-80Q module). One building may contain more than one detector.</p>
<p>JA-80P Motion Detector</p> <p>the PIR sensor covers about 112 m² of a floor area (it can be used with a lens eliminating pet effects). Digital analysis makes it highly immune to false alarms. It has an input terminal to connect a sensor detecting door-opening.</p>	<p>JA-85P Motion Detector</p> <p>is a miniature ceiling PIR sensor suitable to protect small rooms or car interiors. Digital analysis makes it highly immune to false alarms.</p>	<p>JA-86P Dual Motion Detector</p> <p>this wireless detector detects movement of people in buildings. It provides superior immunity to being activated by moving pets, which is achieved by detection in two zones. The detector is powered by battery.</p>	<p>JA-89P Outdoor Motion Detector</p> <p>is used to indicate outdoor intrusion by a human being. It is a dual-zone outdoor detector, immune to false alarms. The detecting distance can be adjusted from 2 to 12 m.</p>
<p>JA-80PB Combined Detector</p> <p>combines a PIR motion detector and dual glass-break sensor. Digital analysis ensures high immunity to false alarms. It also contains an input terminal to connect a sensor detecting door-opening. The detector shows 2 addresses on the control panel.</p>	<p>JA-85B Glass-break Detector</p> <p>detects glass breaking within a distance of 9 m. Digital analysis ensures high immunity to false alarms. It can also be installed in a car.</p>	<p>JA-81M Door/Window Opening Detector</p> <p>its magnetic sensor reacts to door or window opening. It has an input terminal which external sensors (with NO or NC output) can be connected to.</p>	<p>JA-82M Window Opening Detector</p> <p>an "invisible" magnetic detector detecting window opening is installed into a window frame (it can be easily built into the majority of windows). It is powered by 2 button lithium batteries.</p>
<p>JA-80S Fire Detector</p> <p>combines an optical smoke detector with a temperature sensor. It has a built-in siren to set off the alarm locally and a test button.</p>	<p>JA-80G Gas-leak Detector</p> <p>reports combustible gas or fume leakages. It uses a sensor with heat-treated platinum fibre. The detector is powered from the mains and besides a wireless signal, it also provides a relay output to shut down the gas inlet.</p>	<p>JA-80A Outdoor Siren</p> <p>is a totally wireless siren in a robust cover. It serves as an outdoor detector of tampering. Its lithium battery lasts 3 to 5 years (depending on the frequency of usage).</p>	<p>JA-80L Indoor Siren</p> <p>is powered from the mains (230 V), indicates alarm, exit and entrance delays. If unplugged from the mains, it signals tampering. It may be used as a door bell or to indicate detector activation.</p>

WIRED COMPONENTS

<p>JS-20 Motion Detector</p> <p>is designed to protect building areas. It processes signals by a multiple analysis method. The detector shows a high immunity to high frequency interference and other false alarm signals.</p>	<p>JS-25 Combined Detector</p> <p>combines a motion detector, to provide protection, with a glass-break sensor for outdoor building protection. The PIR motion detector processes signals by a multiple analysis method, which makes it immune to false alarms.</p>	<p>JS-25 Dual-zone Motion Detector</p> <p>is suitable to detect people moving in building interiors. It provides superior immunity to being activated by moving pets, which is achieved by detection in two zones.</p>	<p>GBS-210 Glass-break Detector</p> <p>is suitable for guarding glass areas and detects their destruction. It uses a dual method that analyses changes in air pressure in the room as well as subsequent sounds of glass breaking. Its reaction is highly reliable.</p>
<p>SD-280 Smoke Detector</p> <p>is installed as an additional fire siren into the electronic security system of buildings. It is powered by 12 V from the security system and besides signalling a fire emergency locally, it also provides a relay output.</p>	<p>GS-133 Combustible Gas Detector</p> <p>indicates leakage of all types of combustible gases and reacts by signalling at two levels of concentration. This device signals gas leakage optically and acoustically.</p>	<p>OS-365A Outdoor Backup Siren</p> <p>is operated by a microprocessor, suitable for indoor installation with a built-in, automatically charged, backup NiCd rechargeable battery. Besides the acoustic siren, it is equipped with an LED indicator and alarm memory.</p>	<p>Magnetic Detectors</p> <p>guards all house entrances and windows and detects their opening. Special versions of magnets detect garage door opening.</p>

AUTOMATION

<p>TP-83 Programmable Thermostat</p> <p>operates a heating system wirelessly as per a weekly programme. It provides antifreeze protection and reports heating defects and fire. It supports the operation of a heating system remotely by telephone or Internet. The TP-82 is a version without weekly programming.</p>	<p>TP-83IR Floor Heating Thermostat</p> <p>wirelessly measures the temperature of the floor and operates a heating system as per a weekly programme. It provides antifreeze protection, reports heating defects and fire. It supports the operation of a heating system remotely by telephone or Internet.</p>	<p>AC-82 Universal Receiver</p> <p>is able to communicate with JA-8x control panels, JA-8x wireless detectors, TP-8x wireless thermostats and RC-8x remote controls. It is suitable for home automation to trigger lights, ventilation, etc.</p>	<p>AC-8014 Multi-channel Receiver</p> <p>is a fourteen channel receiver. It is compatible with wireless TP-8x thermostats, JA-80 wireless detectors and RC-8x controls and enables connecting TP-89 bus thermostats.</p>
<p>UC-82 Output Module</p> <p>has relays that can be operated independently and wirelessly by RC controls, a control panel and JA-80 detectors. It is powered by 12V DC. The AC-82 and AC-83 versions are powered directly from the mains and are also compatible with wireless thermostats.</p>	<p>RC-85 Remote Control</p> <p>the module is installed in a car and by flashing the lights or horn tooting it enables you to operate various devices (garage doors, lights, control panel...). It can be also used to transmit the alarm signal from the car alarm. It is powered by a car.</p>	<p>RC-88 Wall Button</p> <p>enables you to announce an emergency or to operate a control panel, wireless bell and appliances in a house.</p>	<p>JA-80L, RC-89 Wireless Bell</p> <p>the RC-89 button, together with a JA-80L siren, can be used as a wireless door bell. It can also be used as an emergency button or to operate appliances.</p>

The motto of JABLOTRON is to manufacture good quality products that are operated comfortably; at favourable prices and with excellent services provided to satisfied customers.

- ◀ for advice and installation please contact our certified installers
- ◀ we provide an exceptional 5 year warranty with our products
- ◀ we provide a 24/7 helpline for you
- ◀ for companies, we organise special training sessions with completion certificates

All up-to-date information can be acquired through the following contact details:

Sales – export@jablotron.cz
tel.: +420 483 559 995, fax: +420 483 559 993

Technical Support – support@jablotron.cz
tel.: +420 483 559 940, fax: +420 483 559 993



Manufactured by:
JABLOTRON ALARMS
Pod Skalkou 33
466 01 Jablonec nad Nisou
Czech Republic
tel.: +420 483 559 995
export@jablotron.cz
www.jablotron.com



OASIS



2009

ELECTRONIC SECURITY SYSTEM



GUARDING YOUR SECURITY

Protects your possessions

Monitors your house status

Saves energy

Operates house equipment

Communicates with you from anywhere



JABLOTRON ALARMS a. s.

- ◀ we are a Czech company with world-quality products
- ◀ our products receive awards both locally and internationally every year
- ◀ we successfully export to more than 70 countries in the world
- ◀ our products safely guard apartments, houses, offices, non-residential buildings, cars but also remotely operate appliances – **we protect your possessions, house and car**
- ◀ we even guard the most precious thing – the lives of children by monitoring baby breathing – Nanny
- ◀ we comply with the certified quality management system in accordance with the norm ISO 9001:2001

