

# JA-80 OASIS SYSTEM DEVICES

# OASiS

So much more than a wireless alarm system

 <p><b>JA-80K control panel</b> up to 50 addresses for peripherals, 50 user codes (cards). Allows 2 level partial arming (or 2 partition splitting). Mains powered with backup battery. Records 255 latest events incl. date and time. Provides internal &amp; external audible warning and 2 programmable outputs. Remote access and reporting can be provided by PSTN, GSM or LAN optional modules.</p>	 <p><b>JA-85B glass break det.</b> dual technology sensor can recognize glass breaking in a radius of 9 meters. Digital signal processing provides high immunity to false signals. Can also be installed in a car.</p>	 <p><b>TP-80 and TP-82 room thermostats</b> it can wirelessly control a heater via an AC module to achieve desired temperatures. It also allows the heating to be remotely controlled by mobile phone. Signals freezing (below +4 °C) and fire (over +60 °C) temperatures. The <b>TP-82</b> LCD room thermostat also available.</p>
 <p><b>JA-80F keypad</b> allows system control and programming. Has a built-in RFID card reader. Indicates current window or door status (opening). Offers 15 languages. The <b>JA-80E</b> is a hard wired option.</p>	 <p><b>JA-82M window detector</b> an invisible magnetic sensor to indicate a Euro-standard window opening. Can be installed into the most up-to-date window frames.</p>	 <p><b>JA-80H outdoor keypad</b> has a built-in RFID card reader, allows entrance door opening and can also be an external bypass switch. Connected to the control panel by cable via the WJ-80 interface. Also available is the JA-80N keyless outdoor RFID reader.</p>
 <p><b>JA-80P motion detector</b> PIR sensor covers up to 112 square meters (pet zone lens optional). Digital signal processing provides a high immunity to false signals. Can also be used to detect a door opening.</p>	 <p><b>JA-80L internal siren</b> mains powered siren to sound alarms, exit and entrance warnings, door bell signals and detector triggered chimes. Signals a tamper if disconnected (thief verification).</p>	 <p><b>WJ-80 interface</b> connects outdoor keypad to the control panel cable and provides an output signal (power) to open an electric door lock. Connection of 3rd party keypads possible (Wiegand protocol).</p>
 <p><b>JA-80PB combined detector</b> dual technology motion PIR/glass break sensor combination. Digital signal processing provides high immunity to false signals.</p>	 <p><b>JA-80A outdoor siren</b> totally wire-free siren in a robust housing. Serves also as a front-line alarm tampering detector. Its lithium battery lifetime is from 3 to 5 years (depends on alarm rate).</p>	 <p><b>UC-82 output module</b> provides 2 radio controlled relays switchable by control panel, RC remote controls or wireless detectors. Needs 12 V DC. <b>AC-82</b> is a mains powered option.</p>
 <p><b>JA-84P motion detector with camera &amp; flash</b> for visual alarm verification. Takes a sequence of still pictures and transfers them by radio. The control panel has to be equipped with a JA-80Q data module to support picture transfer. Several detectors can be installed in the system.</p>	 <p><b>RC-80 key-fob</b> can set, unset and trigger panic alarms. Can also operate other devices (via UC and AC modules). An optional cover allows selection of 2 or 4 buttons.</p>	 <p><b>JA-80V LAN module</b> a communicator combining LAN (Ethernet) and PSTN tel. line. Allows remote access by mobile phone or Internet. Reports to a monitoring station or cell phone.</p>
 <p><b>JA-80M door detector</b> magnetic sensor senses door (or window) opening. Provides an input for external wired sensors.</p>	 <p><b>RC-87 emergency button</b> allows its user to trigger panic alarms or to control appliances remotely. It is especially designed for personal calls for help. The battery-powered button can be worn on your wrist like a watch or it can hang around your neck.</p>	 <p><b>JA-80Y GSM module</b> a communicator using a GSM network. Allows remote access by mobile phone or Internet. Can report to a monitoring station or a cell phone. Offers 15 languages. Provides a GSM gateway.</p>
 <p><b>JA-80S fire detector</b> combines an optical smoke sensor with a heat sensor. Has a built-in siren for local audible warning and a self testing feature. It can be disabled for cigarette smoke or fireplaces.</p>	 <p><b>RC-88 wall button</b> can serve as a wire-free panic trigger or as a remote control for arming. Can also operate UC and AC modules or the JA-80L door bell function.</p>	 <p><b>JA-80X voice module</b> reports alarms via voice messages and a PSTN telephone line. Up to 6 messages can be recorded and reported to up to 4 tel. numbers. Allows reporting to a central monitoring provider (CID protocol).</p>
 <p><b>JA-80G gas detector</b> indicates combustible gas or vapour leakage. Based on a platinum filament sensor. This detector is mains powered.</p>	 <p><b>RC-89 door bell button</b> can be used as a wire-free door bell button with a JA-80L but it can also serve as a hidden panic trigger or a remote control for UC and AC modules.</p>	 <p><b>SP-02 speaker phone</b> when connected to a PSTN phone line (or 80Y GSM gateway) it allows authorized numbers to call in to listen and talk (for alarm verification).</p>
 <p><b>JA-85P motion detector</b> mini-size PIR sensor, suitable to protect a small room or a car interior. Digital signal processing provides high immunity to false signals.</p>	 <p><b>RC-85 remote control</b> this module can be easily installed in a car to operate devices by flashing lights or using a horn. Can open a garage door, parking gate, lights etc. Powered by the car.</p>	 <p><b>JA-80T interface cable</b> allows the control panel to be connected to a PC's USB port. Suitable for installers and users who want to supervise the system by ComLink software. The <b>JA-80BT</b> interface enables Bluetooth connections.</p>



Make your premises an oasis of security

Manufactured by:  
**Jablotron Ltd.**  
Pod Skalkou 33  
466 01 Jablonec nad Nisou  
Czech Republic  
tel.: +420 483 559 911  
[www.jablotron.com](http://www.jablotron.com)



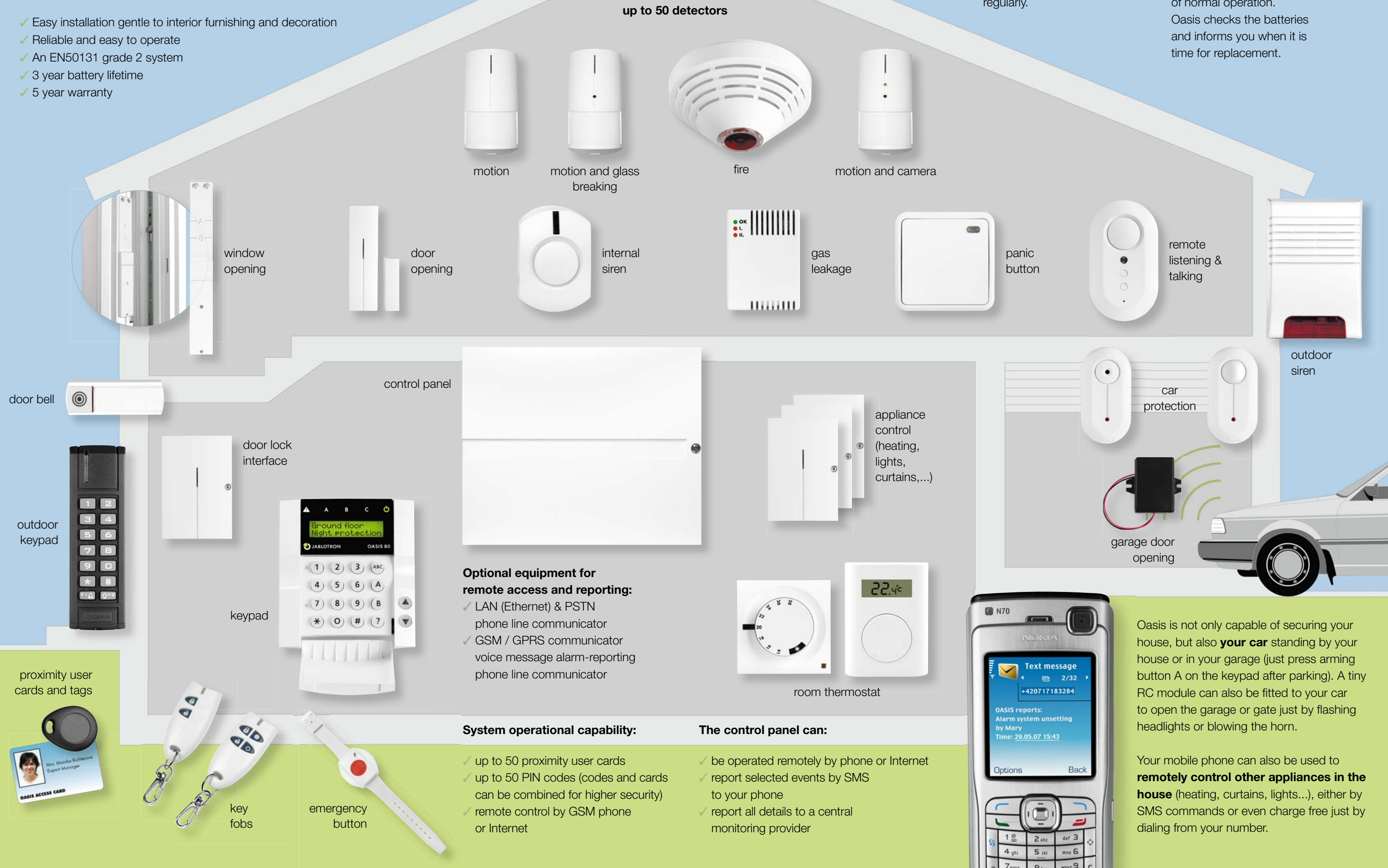
# AN OASIS UNDER YOUR ROOF

## A WIRELESS SOLUTION FOR THE 21<sup>ST</sup> CENTURY

- ✓ Easy installation gentle to interior furnishing and decoration
- ✓ Reliable and easy to operate
- ✓ An EN50131 grade 2 system
- ✓ 3 year battery lifetime
- ✓ 5 year warranty

**Wireless for simplicity**  
Oasis uses the latest **868 MHz** narrow-band communication protocol. All wireless communication is tested regularly.

**Forget about battery replacement**  
Devices are powered by 3 V lithium batteries which provide **energy for at least 3 years** of normal operation. Oasis checks the batteries and informs you when it is time for replacement.



up to 50 detectors

- motion
- motion and glass breaking
- fire
- motion and camera

- window opening
- door opening
- internal siren
- gas leakage
- panic button
- remote listening & talking

door bell

control panel

door lock interface

outdoor keypad

keypad

- Optional equipment for remote access and reporting:**
- ✓ LAN (Ethernet) & PSTN phone line communicator
  - ✓ GSM / GPRS communicator
  - ✓ voice message alarm-reporting
  - ✓ phone line communicator

appliance control (heating, lights, curtains,...)

room thermostat

car protection

garage door opening

outdoor siren

proximity user cards and tags



key fobs

emergency button

**System operational capability:**

- ✓ up to 50 proximity user cards
- ✓ up to 50 PIN codes (codes and cards can be combined for higher security)
- ✓ remote control by GSM phone or Internet

**The control panel can:**

- ✓ be operated remotely by phone or Internet
- ✓ report selected events by SMS to your phone
- ✓ report all details to a central monitoring provider



Oasis is not only capable of securing your house, but also **your car** standing by your house or in your garage (just press arming button A on the keypad after parking). A tiny RC module can also be fitted to your car to open the garage or gate just by flashing headlights or blowing the horn.

Your mobile phone can also be used to **remotely control other appliances in the house** (heating, curtains, lights...), either by SMS commands or even charge free just by dialing from your number.