OASIS

So much more than a wireless alarm system

Ground floor
Night protection

JABLOTRON   OASIS 80
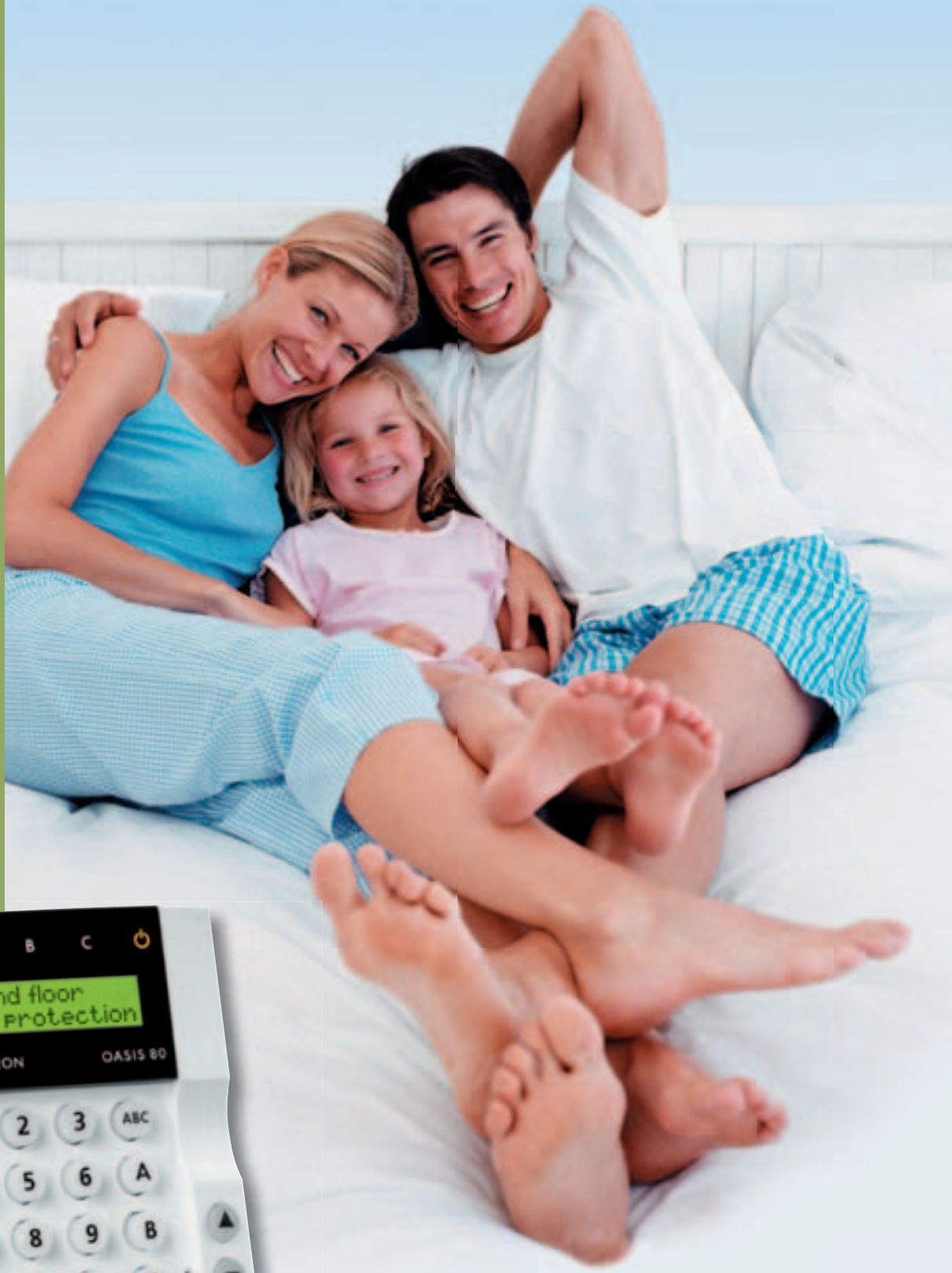
Make your premises an oasis of security

AN **OASIS** UNDER YOUR ROOF

A WIRELESS SOLUTION FOR THE 21ST CENTURY

✓ Easy installation gentle to interior furnishing and decoration
✓ A Lego-like architecture for tailoring the system to your needs
✓ Reliable and easy to operate
✓ An EN50131 grade 2 system
✓ 3 year battery lifetime
✓ 5 year warranty

up to 32
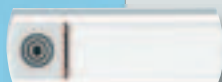
motion

fir

window opening

door opening

internal siren

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

proximity user cards and tags

System operational capability:

✓ up to 30 proximity user cards
✓ up to 30 PIN codes (codes and cards can be combined for higher security)
✓ up to 16 key fobs

key fobs

detectors

Wireless for simplicity
Oasis uses the latest **868 MHz** narrow-band communication protocol. **Working range up to 600 meters** (in an open area). 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.

glass breaking

gas leakage

panic button

remote listening & talking

outdoor siren

car protection

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

garage door opening

room thermostat

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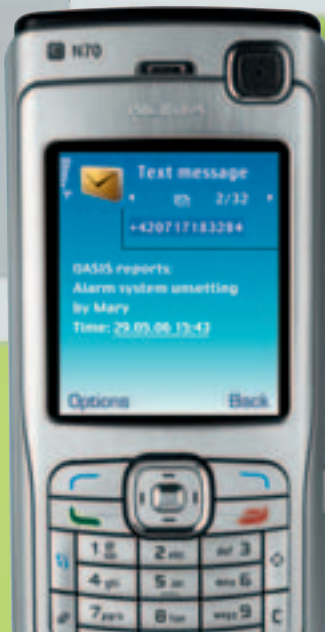
Oasis is not only capable of securing your house, but also **your car** standing by your house or in your garage (just press arming button A on the keypad after parking). A tiny RC module can also be fitted to your car to open the garage or gate just by flashing headlights or blowing the horn.

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.

JA-80 OASIS SYSTEM DEVICES

JA-80K control panel
up to 32 detectors, 16 key fobs, 30 user codes (cards). Allows 2 level partial arming (or 2 partition splitting). Mains powered with backup battery. Records 127 latest events incl. date and time. Provides internal & external audible warning and 2 programmable outputs. Remote access and reporting can be provided by PSTN, GSM or LAN optional modules.

JA-80F keypad
allows system control and programming. Has a built-in RFID card reader. Indicates current window or door status (opening). The **JA-80E** is a hard wired option.
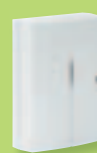
JA-80P motion detector
PIR sensor covers up to 112 square meters (pet zone lens optional). Digital signal processing provides a high immunity to false signals. Can also be used to detect a door opening.

JA-80PB combined detector
dual technology motion PIR/glass break sensor combination. Digital signal processing provides high immunity to false signals.

JA-80M door detector
magnetic sensor senses door (or window) opening. Provides an input for external wired sensors.

JA-80S fire detector
combines an optical smoke sensor with a heat sensor. Has a built-in siren for local audible warning and a self testing feature.

JA-80G gas detector
indicates combustible gas or vapour leakage. Based on a platinum filament sensor. This detector is mains powered.

JA-85P motion detector
mini-size PIR sensor, suitable to protect a small room or a car interior. Digital signal processing provides high immunity to false signals.

JA-85B glass break det.
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.

JA-82M window detector
an invisible magnetic sensor to indicate a Euro-standard window opening. Can be installed into the most up-to-date window frames.

JA-80L internal siren
mains powered siren to sound alarms, exit and entrance warnings, door bell signals and detector triggered chimes. Signals a tamper if disconnected (thief verification).

JA-80A outdoor siren
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).

RC-80 key-fob
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.

RC-88 wall button
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.

RC-89 door bell button
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.

RC-85 remote control
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.

PC-01 proximity card
up to 30 cards (or **PC-02** key tags) can be enrolled to operate the system. The card can also be combined with a four digit PIN for higher security.

TP-80 room thermostat
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.

JA-80H outdoor keypad
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.

WJ-80 interface
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).

UC-82 output module
provides 2 radio controlled relays switchable by control panel, RC remote controls or wireless detectors. Needs 12VDC. **AC-82** is a mains powered option.

JA-80V LAN module
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.

JA-80Y GSM module
a communicator using a GSM network. Allows remote access by mobile phone or Internet. Can report to a monitoring station or a cell phone. Provides a GSM gateway.

JA-80X voice module
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.

SP-02 speaker phone
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).

JA-80T interface cable
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.

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