

Vehicle security and monitoring



About JABLOTRON ALARMS

Creating smart things
easy to use

JABLOTRON ALARMS is a leading European player in the field of alarm systems. We have been developing and producing alarm systems with an emphasis on the user comfort of our products for over 30 years. We provide state-of-the-art solutions for the protection of property, health and safety of our customers.

Complete solutions for security, comfort and monitoring

What **installation partners** get

-  **PROFESSIONAL SYSTEMS**
 - quick and simple installation
 - an easily adjustable system
 - wireless and wired solutions
 - international certification ECE No. 116
-  **TECHNICAL AND MARKETING SUPPORT**
 - qualified technical support
 - individual help during initial installation and special projects
 - marketing and promotional materials
 - marketingová podpora
-  **MyCOMPANY APP**
 - an overview of the installations carried out and their current status
 - access to installation manuals and instructions
 - an overview of benefits and their implementation options

A COMPREHENSIVE SOLUTION

- reliable vehicle security
- saving on operating costs
- intuitive control
- solution for cars, caravans, vans and trucks

MyJABLOTRON APP

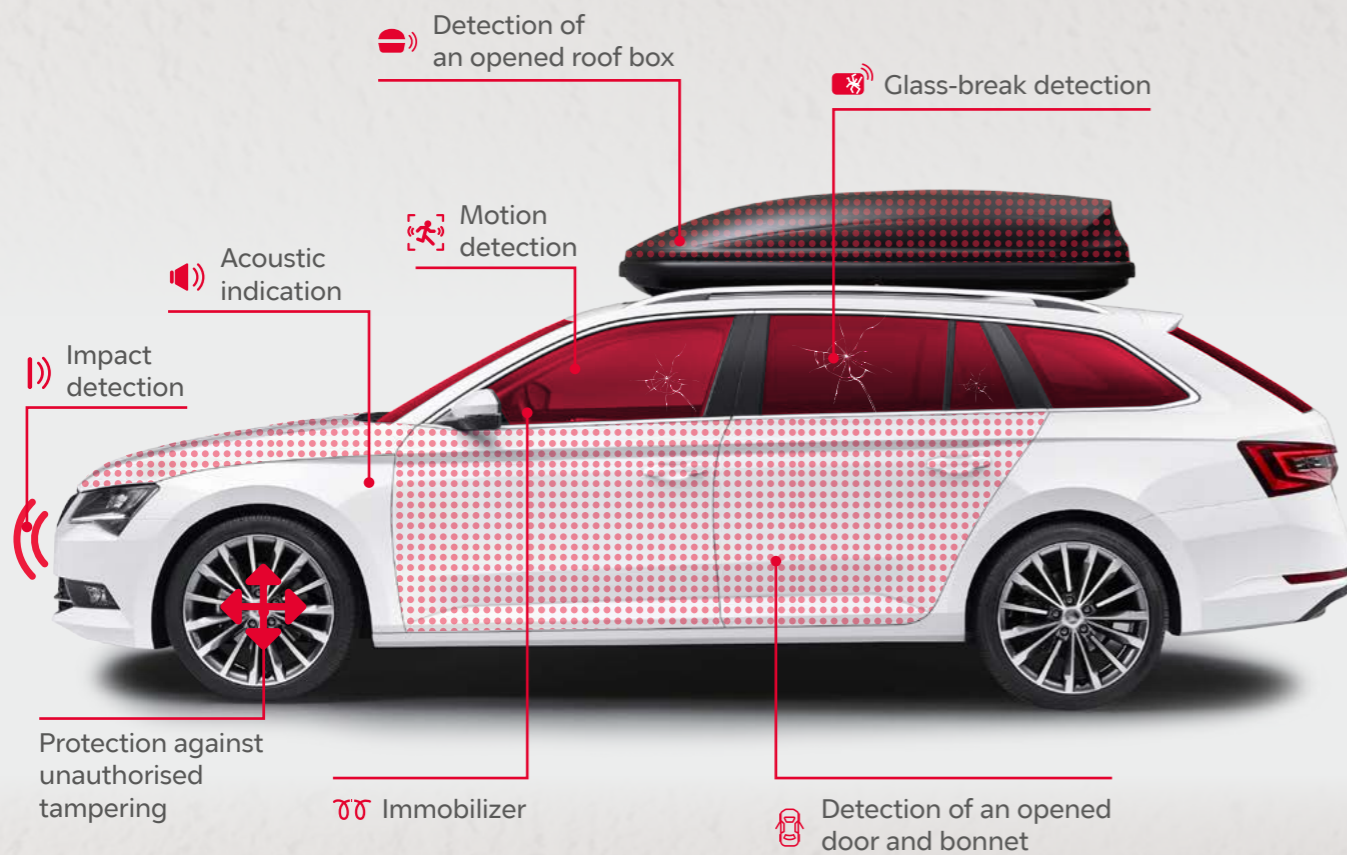
- remote alarm control
- immediate notification of events
- tracking the vehicles' current status and position on a map
- an overview of journeys and costs

What **customers** get

- 
- 

How does the car alarm work?

The car alarm combines vehicle security, acoustic indication, an immobilizer and notification of an alarm via mobile phone. At the same time, it can distinguish exactly what happened and you will immediately receive information specifying the type and location of the alarm. Notification of an alarm can also be sent to an alarm receiving centre for a professional response.

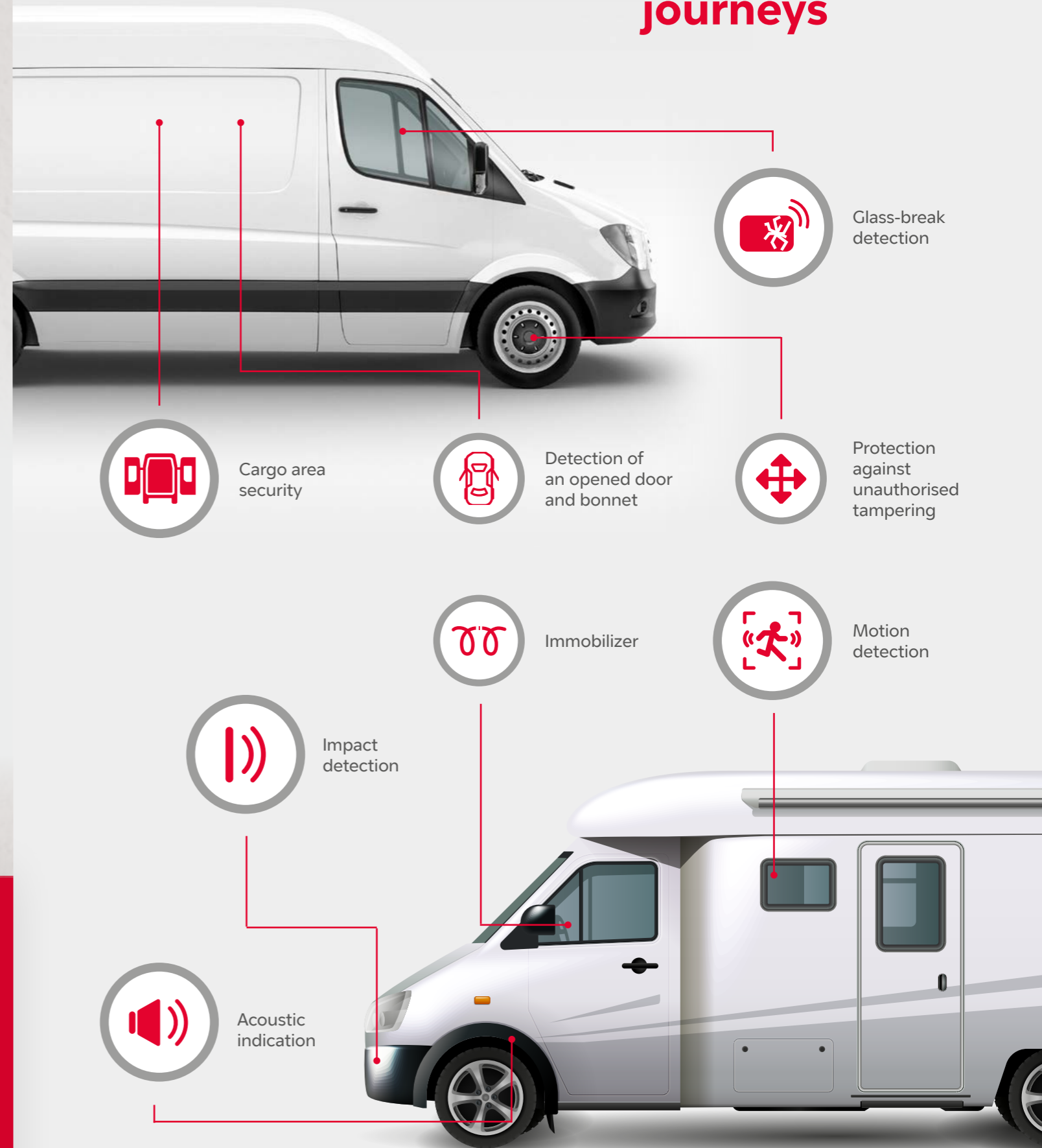


Practical functions

that take care of your car even during standard operation

- ✓ Notification of an unlocked vehicle
- ✓ Monitoring battery status
- ✓ Opening a garage by flashing the lights
- ✓ Independent heating control via the app

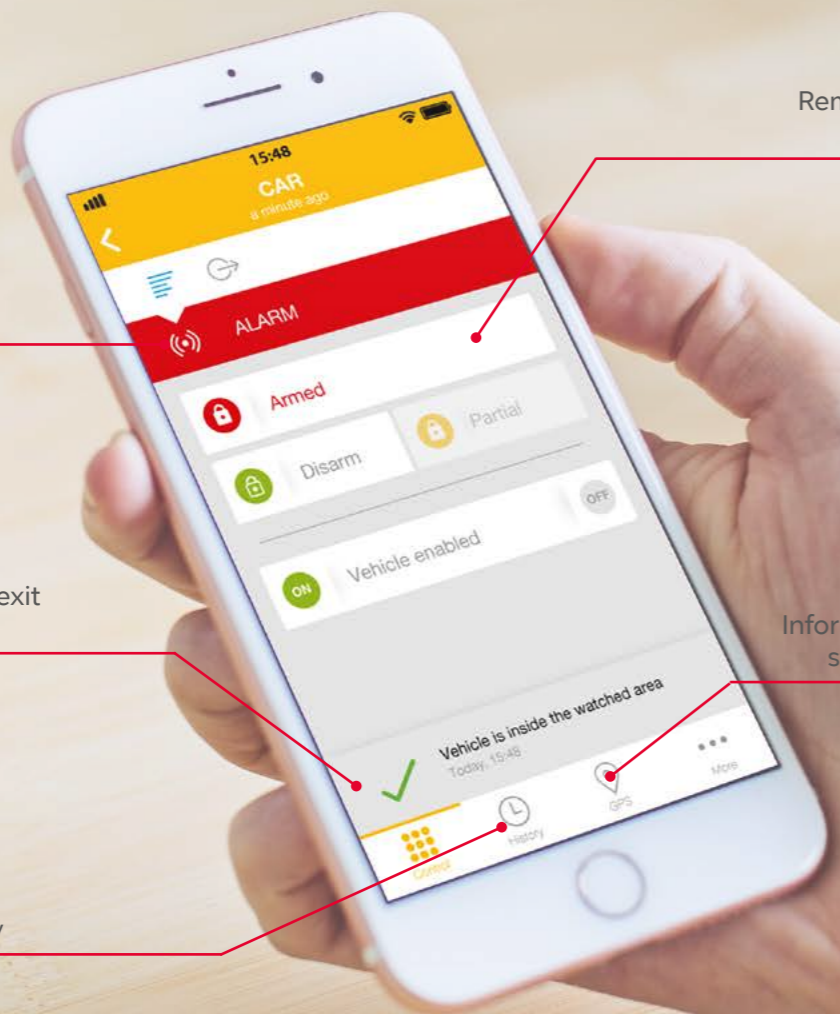
Safe on long journeys



Operate the car alarm remotely

Not sure if you have secured your vehicle? Check using the MyJABLOTRON app. If you really did forget, simply set the alarm remotely. Thanks to the app, you can also see other details.

Download the app for free  



Remote control of car alarm

Immediate notification in case of intrusion

Notification of entry / exit from monitored zone

Information on current status and location

Track event history

Examples of other applications

Thanks to low energy consumption, you can also use the car alarm to secure mobile objects with no electricity. Power from a car battery or solar panel is sufficient.



CARAVAN

Aside from a fully secured caravan, you can also use partial protection at night, thanks to which only defined external detectors protect it.



CONSTRUCTION SITE CABIN

The car alarm is the ideal solution for securing and monitoring the location of construction site cabins.



CONSTRUCTION MACHINERY

You can also use the car alarm to monitor construction machinery. This will give you control of its location and period of operation.



MOTORBOAT

A boat can be easily secured by wireless detectors. Thanks to monitoring, you will always know the location of your boat.

Four steps to security



QUALITY CAR ALARM

The first step is a high-quality alarm.



PROFESSIONAL INSTALLATION

Thanks to professional installation by certified partners, everything works as it should.



24-HOUR-A-DAY PROTECTION

By connecting the car alarm to an alarm receiving centre your vehicle is protected 24-hours a day.



RESPONSE IN CASE OF AN ALARM

If anything happens, you will be contacted by operators who will immediately send a response unit.



Download the app for free

Monitor your vehicles on the road

Monitor your company and private vehicles effectively. The monitoring unit identifies the driver, switches between business and private trips and sends an emergency signal if problems arise. The MyJABLOTRON app gives you an overview of the routes travelled, the current location, and the vehicle's fuel consumption.



CURRENT LOCATION



COST CONTROL



TRIPS HISTORY



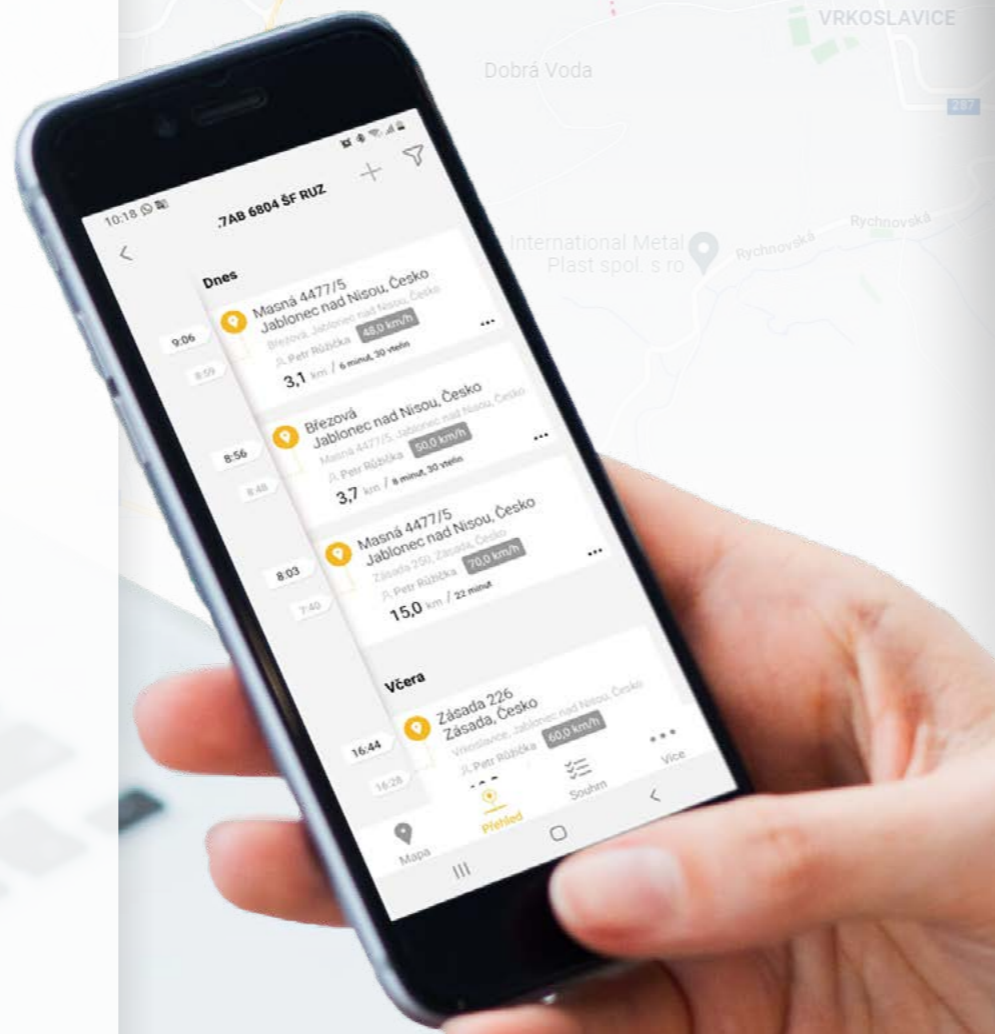
DRIVER AND VEHICLE RECORDS



TANK LEVEL STATUS



ODOMETER STATUS



Basic monitoring

The mobile unit **CU-07A** with its simple installation and a power supply via the vehicle's cigarette lighter socket is the ideal option for occasional monitoring.



Comprehensive monitoring

The unit **CU-08A** is designed for more demanding installations such as monitoring a fleet, trucks or construction machinery.



Combination of a car alarm and monitoring

GSM/GPS car alarm **CA-2103** is the ideal option combining vehicle security and monitoring. The built-in GPS module enables to accurately monitor the movement of the vehicle.

	Basic monitoring CU-07A	Comprehensive monitoring CU-08A	GSM/GPS car alarm CA-2103
Automatic trip start	✓		
Starting the trip by switching on the ignition		✓	✓
Notification of entry / exit from monitored zone	✓	✓	✓
Information about trip start	✓	✓	✓
Position update every 20 seconds	✓	✓	✓
Selecting a business / private trip using the switch		✓	✓
Appliance control (heating, refrigerator)		✓	✓
Status monitoring (e.g. gritter, mixer operates)		✓	
Backup power supply		✓	✓
Vehicle and cargo area security			✓
Odometer and tank level reading*			✓

* Feature support depends on the car model.

AUTOMOTIVE RANGE

PRODUCT CATALOGUE

- Security
- Monitoring
- Remote control
- Parking
- Accessories
- Power supply
- Application

SECURITY

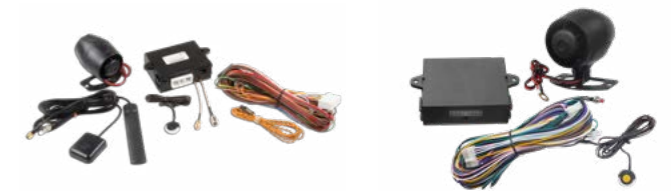
- Car alarms
- Motion detectors
- Surface detectors
- Environmental detectors



CAR ALARMS

CA-2103 GSM/GPS car alarm combines vehicle security, acoustic signalling, immobiliser and transmission of alarm information to mobile phones. Reacts to the door opening, a turn of the ignition key, opening the trunk or bonnet and turning on an appliance in the vehicle. Security can be extended with additional wired and wireless detectors. Enables partially set mode.

CA-345 car alarm for vehicle security where alarm transmission to the user is not necessary.






Product code	CA-2103	CA-345
Product name	GSM/GPS car alarm	Car alarm
Dimensions	118 x 80 x 35 mm	118 x 80 x 35 mm
Power supply	12/24 V DC	12/24 V DC
Current/peak current	max. 20 mA/1 A	max. 20 mA/1 A
Number of bus inputs	5	4
Support for CAN bus data reading	yes	yes
Number of wireless detectors / controllers	12 internal, 12 external / 8 controllers	6 internal, 6 external / 4 controllers
Driver identification	RFID, SMS, by ringing	-
Backup battery	BB-03 - NiCd 8,4 V 170 mA	-
GSM operating band	E-GSM / GPRS 850/900/1800/1900MHz	-
Operating temperature range	-20 °C to +85 °C	-20 °C to +85 °C
Immobilization circuit	8 A continuous, up to 12 A intermittent	8 A continuous, up to 12 A intermittent
Regulation	ECE no. 116	ECE no. 116


MOTION DETECTORS

Motion detectors are key devices of the car alarm. Used for detecting the movement of people in the vehicle or garage. They provide high reliability that fundamentally affects the entire security system.



Product code	JA-185P  	JA-157P 
Product name	PIR motion detector	Outdoor two-zone PIR motion detector - screen
Product type	wireless	wireless
Dimensions	46 x 88 x 27 mm	52 x 176 x 66 mm
Power supply	1x BAT-3V6-AA-LS - not included in the product package	1x BAT-3V0-CR123A - not included in the product package
Battery service life	approx. 2 years	approx. 3 years
Mounting height	up to 4 m	0,8 - 1,2 m
Detection angle	360° / Ø 10 m (at a height of 4 m)	5°/2 or 5 m
Operating temperature	-10 °C to +40 °C	-10 °C to +40 °C
Note	Suitable for vehicle interior.	-




Product code	JA-158P 
Product name	Outdoor PIR motion detector
Product type	wireless
Dimensions	99 x 205 x 266 mm
Power supply	2x BAT-3V0-CR123A - not included in the product package
Battery service life	approx. 3 years
Mounting height	2,5 - 3,0 m
Detection angle	85°/12 m
Operating temperature	-10 °C to +40 °C

SURFACE DETECTORS tilt

CA-550 Digital tilt sensor ensures reliable vehicle protection against unauthorized handling, including attempts to steal the wheels or a warning about being towed away when parking. A microprocessor filter ensures far fewer false alarms during random motion and in extreme temperatures.




Product code	CA-550 
Product name	Digital tilt sensor
Product type	wired
Power supply	9 - 16 V
Current consumption	typically 1 mA
Operating temperature	-40 °C to +85 °C
Maximum sensitivity (applies to both axes)	1° with digital filter
Camera angle with maximum sensitivity	±45° from reference position
Alarm output	transistor switching against earth for 0,5 s (short-circuit proof)
Maximum switched current	80 mA

SURFACE DETECTORS impact

The GT-933 impact sensor mechanically detects a car impact and can alert you to a car crash. No external power required.






Product code	GT-933 
Product name	Impact detector
Product type	wired, free
Operating temperature	-40 °C to +85 °C
Resting, horizontal, installation position of detector	perpendicular to the road - on a rigid structural part of the car
Shock sensitivity	8 - 12 G
Alarm output	switching contact

SURFACE DETECTORS glass-break

Used to evaluate an alarm from breaking glass windows. They use air pressure change analysis in combination with the detection of the distinctive sound of broken glass.





Product code	JA-185B   
Product name	Glass-break detector
Product type	wireless
Dimensions	88 x 46 x 22 mm
Power supply	Lithium battery type LS(T) 14500 (3,6 V AA / 2,4 Ah) - not included
Battery service life	approx. 2 years
Detection distance	up to 9 m
Operating temperature range	-10 °C to +40 °C
Note	Suitable for vehicle interior.

SURFACE DETECTORS magnetic

Magnetic detectors are used to protect the outer surface of the vehicle and are intended to detect window or door opening of a caravan or another mobile object (a trailer, building site cabin). Can also be used to protect a garage.




Product code	JA-150M / JA-150MB 	JA-151M / JA-151MB 
Product name	Magnetic detector with two universal inputs	Magnetic detector - mini
Product type	wireless	wireless
Dimensions	24 x 109 x 22 mm	27 x 55 x 16 mm
Power supply	1x BAT-1V5-AA - not included in the product package	1x BAT-3V0-CR2032 - not included in the product package
Battery service life	approx. 2 years	approx. 2 years
Maximum length of the connection cable	3 m	-
Operating temperature	-10 °C to +40 °C	-10 °C to +40 °C

SURFACE DETECTORS shock

Shock or tilt detectors have two modes. Shock (vibration) detection mode for doors, windows etc. indicates a forced entry is being made. Tilt detection mode can indicate that someone is opening a roof box or a section of the garage door.




Product code	JA-182SH 
Product name	Shock or tilt detector
Product type	wireless
Dimensions	31 x 75 x 26 mm
Power supply	1x BAT-3V0-CR123A - not included in the package
Battery service life	approx. 2 years
Operating temperature	-10 °C to +40 °C
Detected tilt	10° - 45°

ENVIRONMENTAL DETECTORS smoke and temperature

Necessary for protecting against fires. Support for various detection settings - smoke and increased temperatures in various combinations. Can protect both the interior of a caravan or a garage.



Product code	JA-151ST 
Product name	Combined smoke and heat detector with an internal siren
Product type	wireless
Dimensions	Ø 126 x 50 mm
Power supply	3x BAT-1V5-AA - not included in the product package
Battery service life	approx. 3 years
Smoke detection	optical diffusion of light
Smoke detector sensitivity	m = 0.11 ± 0.13 dB / m class A2 in accordance with EN 54-7
Operating temperature Alarm temperature	-10 °C to + 80 °C +60 °C to + 70 °C
Note	Contains a siren (EN 14604). Accessory - PLV-P-ST universal circular ceiling spacer.

ENVIRONMENTAL DETECTORS gas leak

Gas detectors recognize a leak in time and sound an alarm before there is a risk to health. Mainly used in caravans or garages and can work autonomously or be part of a security system.



Product code	EI208W / EI208DW	GS-133
Product name	CO gas detector (with screen)	Detector of flammable gases
Product type	autonomous	autonomous
Dimensions	120 x 105 x 40 mm	110 x 164 x 53 mm
Power supply	Integrated non-replaceable lithium battery	12 V DC
Battery service life	10 years (expiration is indicated on the label)	-
Relay output	-	24 V / 2 A (optional reaction at the 1st or 2nd level)
Backup (idle) mode consumption / when relay is activated	-	100 mA / 150 mA
Operating temperature	0 °C to 40 °C	-10 °C až +40 °C
Acoustic indication	85 dB	94 dB
Service life of the device	max. 10 years	min. 5 years



Optical indication via a signal lamp, for type EI208DW, also on the screen.

MONITORING

- Monitoring units



GSM/GPS MONITORING UNITS

GSM/GPS monitoring units are intended for monitoring the journeys made by cars, trucks or construction machinery. GPS receivers detect the vehicle's position with on-line transmission. But they can also control various appliances or choose private/business trips. The programmable output can block use of the vehicle until the driver is authorized.



Product code	CU-07A	CU-08A
Product name	GSM/GPS logistic unit	GSM/GPS logistic unit
Dimensions	160 x 42 x 19 mm	118 x 80 x 35 mm
Power supply	12 / 24 V DC	12 / 24 V DC
Current/peak current	up to 14 mA / 1A	up to 14 mA / 1A
Number of inputs	1	2 + ignition key
Number of outputs		1
Driver identification	SMS, by ringing	RFID, SMS, by ringing
Backup battery	No	Yes (not included)
Private/business trip	SMS	SMS / by switch
GSM operating band	E-GSM / GPRS 850/900/1800/1900MHz	E-GSM / GPRS 850/900/1800/1900MHz
Operating temperature range	-20 °C to +85 °C	-20 °C to +85 °C
Regulation	ECE no. 10	ECE no. 10

REMOTE CONTROL

- Remote controls
- Transmitter for a fixed installation
- Receivers



REMOTE CONTROLS

They allow you to remotely control the vehicle or additional equipment to open the entrance gate, garage door or turn the lights on. They can also trigger an emergency alarm. Depending on the type, the controllers communicate unidirectionally or bidirectionally, i.e. the action is confirmed by optical and acoustic feedback.



Product code	JA-152J MS II	JA-154J MS II
Product name	Two-way two-button remote control	Two-way four-button remote control
Dimensions	63 x 36 x 15 mm	77 x 36 x 15 mm
Power supply	1x BAT-3V0-2032	1x BAT-3V0-2032
Battery service life	approx. 2 years	approx. 2 years
Operating temperature range	-10 °C to +40 °C	-10 °C to +40 °C
Note	Can be enrolled to CA-2103, AC-160-C and AC-160-DIN.	Can be enrolled to CA-2103, AC-160-C and AC-160-DIN.

TRANSMITTER FOR A FIXED INSTALLATION

Allows remote control of the entrance gate, garage door or lighting directly from the car. The advantage is a fixed installation, i.e. they can be activated, for instance, by flashing the full beams or by a hidden button.



Product code	JA-155J
Product name	Transmitter for a car
Dimensions	84 x 53 x 25 mm
Power supply	12 - 24 V
Operating temperature range	-40 °C to +85 °C
Communication range	approx. 300 m (direct line of sight)
Note	Can be enrolled to AC-160-C and AC-160-DIN.



Product code	JA-182J
Product name	Remote control
Dimensions	60 x 30 x 13 mm
Power supply	1x BAT-3V0-2032
Battery service life	approx. 2 years
Operating temperature range	-10 °C to +40 °C
Note	Can be enrolled to CA-2103 and CA-345.

RECEIVERS

They receive a signal from a remote controls or CA-2103 car alarm to perform the desired action. Open the garage door, raise a barrier or turn on the lighting.



Product code	AC-160-DIN	AC-160-C
Product name	Wireless multifunctional relay for DIN-rail installation	Wireless multifunctional relay
Dimensions	18 x 90 x 65 mm	49 x 49 x 26 mm
Power supply	230 V, 50 Hz	100 - 230 V / 50 - 60 Hz
Internal power consumption	0,5 W / max. 1,7 W	0,2 W / max. 0,7 W
Max. switched voltage	250 V AC	250 V AC
Maximum switched current	16 A	16 A
Inductive, capacitive load	8 A	8 A
Minimum switched DC power:	0,5 W	0,5 W
Halogen lighting	max. 1000 W	max. 1000 W
Diameter of connected conductors	max. 2 x 1,5 mm ² max. 1 x 2,5 mm ²	max. 2 x 1,5 mm ² max. 1 x 2,5 mm ²
Operating temperature	-10 °C to +40 °C	-10 °C to +40 °C



PARKING

○ Parking sensors



PARKING SENSORS

They are activated automatically when reverse gear is selected and give an acoustic signal to show an obstacle is present. In addition, the parking sensor has an LED display giving numerical data and a colour diagram on the distance and position of an obstacle.



Product code	PS-001	PS-062A II
Product name	Acoustic parking sensor	Acoustic parking sensor with display
Dimensions	42 x 16 mm (speaker)	79 x 31 x 18 mm (display)
Power supply	10 - 16 V	10 - 16 V
Consumption on activation	20 - 200 mA	20 - 200 mA
Sensor operating frequency	40 kHz	40 kHz
Number / type of sensors	4 / PS-SEN.S28	4 / PS-SEN.S28
Detection distance	0,4 - 1,5 m	0,3 - 2 m
Operating temperature	-30 °C to +70 °C	-30 °C to +70 °C

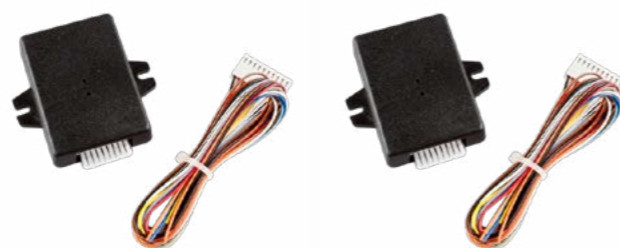
ACCESSORIES

- Extension modules
- Authorization devices
- Sirens



EXTENSION MODULES

The output modules can be used to add car alarm functions. For example, they can control the car's central locking or block starting, the optical indication of locking and unlocking or the power supply for additional detectors or controlling independent heating.



Product code	MCB-03	MCO-04
Product name	CAN BUS module	Car alarm output module
Dimensions	17 x 47 x 66 mm	17 x 47 x 66 mm
Supply voltage	type 12 / 24 V (10 - 32 V)	type 12 / 24 V (10 - 32 V)
Carrying capacity of outputs	200 mA	200 / 10 mA
Consumption	8 mA	8 mA
Operating temperature range	-40 °C to +85 °C	-40 °C to +85 °C
Compliant with	ECE Regulation No 010:2012	ECE Regulation No 010:2012

AUTHORIZATION DEVICES

Authorization devices are used for contactless driver identification. Identification is carried out by applying the access chips to the RFID reader, which is an accessory to the CU-08A logistics unit or the CA-2103 car alarm.



Product code	CU-08RF
Product name	RFID reader
Dimensions	52 x 73 x 10,5 mm
Supply voltage	8 to 30 V
Maximum current draw	8 mA / 12 V
Nominal current in power saving mode	4 mA / 12 V
RFID frequency	125 kHz
Operating temperature range	-20 °C to +80 °C
Operation conditions	ČTÚ no. VO-R/10/04.2012-7



Product code	JA-195J	JA-194J-BK
Product name	RFID entry key tag	RFID leather entry key tag
Communication standard	Jablotron 125 kHz	Jablotron 125 kHz
Enrollment method	By C-Link or the CU-08RF reader	By C-Link or the CU-08RF reader



Product code	JA-192J
Product name	RFID entry key tag
Communication standard	Jablotron 125 kHz
Enrollment method	By C-Link or the CU-08RF reader



For more key tag variants visit: www.jablotron.com

SIRENS

Used for acoustic alarm indication. Additional piezosirens can also be used in the vehicle interior.



Product code	SA-530	SA-530-24
Product name	Magnetodynamic siren	Magnetodynamic siren
Dimensions	56 x 74 x 74 mm	56 x 74 x 74 mm
Acoustic output	117 dB	115 dB
Nominal current	1,2 A	0,8 A
Nominal voltage	12 V	24 V



Product code	SA-105	BUZ-12-24V
Product name	Piezoelectric siren	Piezoelectric signaler
Dimensions	53 x 53 x 58 mm	ø 30 mm x 10 mm
Acoustic output	108 dB	90 dB / 30 cm
Nominal current	250 mA	15 mA / 12 V
Nominal voltage	12 V	3 - 28 V
Note	Can be used in vehicle interior.	Interior acoustic signaling - call for driver authorization for CA-2103 or CU-08A.

POWER SUPPLY

- o Battery



BATTERY

Used to power wireless devices or to back up the power supply of alarm and monitoring units.



Product code	BB-03
Product name	NiCd
Voltage	8,4 V
Capacity	0,17 Ah
Intended for products	CA-2103 CU-08A

i For batteries for detectors visit: www.jablotron.cz

APPLICATION

- C-Link
- MyCOMPANY



C-Link

Software for setting up, diagnosing and recording JABLOTRON car alarms and monitoring units.

Functions

- Instant check of input and detector functions
- Changes to all optional parameters
- Setting the behaviour of inputs and CAN bus reading
- Managing users and drivers, including export / import
- Setting the texts that the system communicates with
- View event history and filter options (up to 1,000)
- Upgrade FW unit and CAN file in the unit
- Records of installation data



Connection to car alarm or monitoring unit



USB cable



Remotely via the Internet

MyCOMPANY

An effective tool that gives you online access for managing all your installations and customers via mobile and web applications. An environment where you have an overview of all your installations, all the manuals and instructions are at hand.

Functions

- Installation management - view current status and change settings
- Service notifications



MySTORAGE

INSTALLATION MANUALS

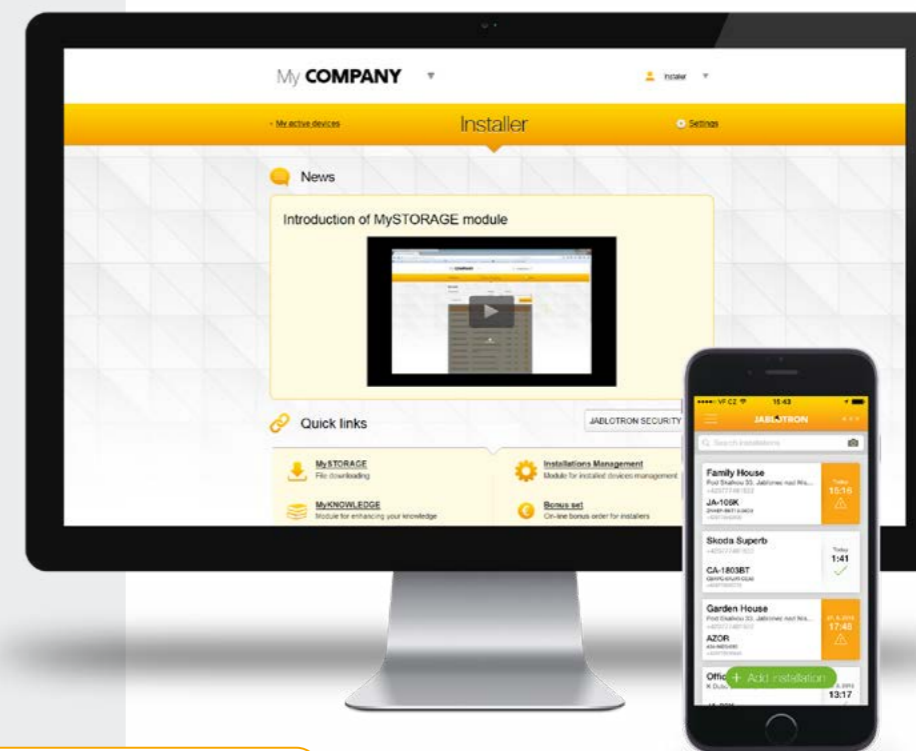
Information and marketing materials in various languages in one place



MyKNOWLEDGE

EDUCATIONAL VIDEOS

Information on current and new products



Download the app for free





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