10. Car battery low voltage reporting

The built-in voltage drop detector can trigger an alarm if an electrical device in the car is turned on while the car is armed. Also the car alarm checks the voltage of the car battery. If the voltage is too low (10V) it will notify users via an SMS message. The car alarm can be backed up by a BB-01 battery. Thus, the car alarm can send SMS messages (but not work) even when the car battery is disconnected. The manufacturer recommends regular BB-01 checking once a year. The battery should be replaced every two years.

11. Limited number of alarms

If any sensor (input) repeatedly triggers alarms then this particular input will be bypassed automatically after the third alarm (it will remain bypassed until the car alarm is disarmed).

12. Remote service

When it is necessary to change the basic settings of the alarm like phone numbers etc you do not need to contact the installer. Instead it is possible to change settings remotely.

13. Central monitoring station communication

The car alarm allows central monitoring via GPRS data protocol. Please ask your supplier for details.

14. Roaming

If you travel abroad and your SIM card supports roaming, the car alarm will work there too (the functions LOCATOR and CREDIT might be not available).

15. LED indicator signals

The LED indicator is used to show the status of the alarm. **Warning! If the LED indicator starts flashing fast after the ignition is switched off, it will not be able to send any messages nor call in the case of an alarm**.

LED state	Meaning
OFF	Disarmed
permanently ON	Connecting to a GSM network or a phone call
Regular slow flashing	Armed
Interrupted light	Car was stopped (immobilization)
Flashing fast	GSM network is not available

Your installer's contact details:

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JABLOTRON

The "Athos" CA-1202 GSM car alarm
MODE 2

Thank you very much for buying our CA-1202 car alarm. Now you will always be able to find where you left your car.

Jablotron Ltd.

1. Remote control arming and disarming

The alarm will be armed when the car is locked remotely by the original remote control and disarmed when the car is unlocked remotely. If the car is unlocked by key then the alarm will be triggered. To stop the alarm it is necessary to unlock remotely by the original remote control. The RC-4x remote control can be used for remotely operating the gate, garage door etc. Please ask your installer for detailed information.

2. Acoustic signals

Chirps	Meaning
1x	Arming
2x	Disarming
3x	Disarming after the alarm
4x	Arming with the triggered input
6x	GSM network is not available

The car alarm informs you about its status by siren chirps. The chirps for arming (1x), disarming (2x) and arming with the triggered input (4x) are optional. **Warning! If the GSM network is not available while the car alarm is being armed it will not be able to send any messages nor call in the case of an alarm.**

3. Alarm

When an alarm is triggered (the car alarm is armed and an input is triggered), the siren will sound for 30 sec's., warning SMS messages will be sent to all phones (TEL1 to TEL4) and these phones will also be called with a siren sound[1]. The alarm can be terminated by unlocking the car remotely by the original remote control or by SMS instruction. Your mobile will be sent a message stating that the alarm condition has ended. If the alarm is triggered accidentally (e.g. by unlocking the door with a key) then in some cases it is necessary to lock the door first and then unlock by the original remote control to terminate the alarm.

4. Remote control by SMS instructions

SMS instructions sent from an authorized phone (TEL1 to TEL4) can operate the alarm remotely. Factory default instruction texts are shown in the following table. If an SMS is sent from an unauthorized phone a valid user code must be entered before the instruction (e.g. USER IMO).

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[1] If it is activated, then in the case of an alarm all calls are automatically answered (it is possible to listen and speak to the car remotely).

SMS instruction texts

Default	Your text	Description
AM		ARM [2]
DM		DISARM [2]
IMO		STOP (immobilize) the car (after turning the ignition key off)
UNIMO		Unblock (mobilize) the car
STATUS		The car alarm will reply with status information, e.g. „car reports: Time: 27.01.04 13:04, Status: Armed, Unblocked, Ignition off".
LOCATOR		To obtain the car location from the GSM provider. [2]
HELP		The car alarm will reply with a brief list of SMS instructions.
CREDIT		To obtain the balance of a prepaid SIM card if used.[2]
UC xx...x		To change the user code. *uuuu* is the new user code, up to 8 characters (A –Z & 0 – 9). The factory default user code is USER

- Only basic ASCII can be used in the SMS instruction texts.
- Ask the installer to edit the SMS commands for you.
- After the HELP command the alarm will reply with the factory default SMS instructions. The instructions that were modified will not be in the reply.

5. Remote blocking of the car

When the car alarm receives the SMS command IMO it will reply with a confirmation SMS and block (immobilize) the engine. If the ignition key is on when the car alarm receives the command IMO, immobilization will occur as soon as the ignition key is switched off which will be confirmed by SMS. Unblocking the car is only possible by the SMS instruction UNIMO.

6. Car location

If your GSM provider offers a location service you can obtain the location of the car by just sending the instruction LOCATOR. The car alarm will reply e.g.

*+420603012345 county: Jihocesky, District: Jindrichuv Hradec, Name: Nova Ves nad Luznici. Distance 5.4 km. E14*52'1"@N48*50'24" + -200m 15:23:01 18.09.01*

The alarm can send the location automatically in the case of an alarm or immobilization by the IMO command[3].

7. Remote control by dialing-in

The car alarm can be armed and disarmed remotely by dialing in from an authorized phone (TEL1 to TEL4). The car alarm will not answer the incoming call,

but when it recognizes your number, it will change status (to Arm or Disarm). Such remote control is free of charge since the phone is not answered.

Warning, if you dial your car alarm accidentally it can cause the alarm to disarm.

Controlling by dialing in will result only in arming/disarming the alarm but it will not lock/unlock the doors

8. Phone calls by an installed hands free set

If the HF-03 hands free set is installed, it is possible to receive and make phone calls via the car alarm.

Incoming calls – to answer them, press any button on the RC-4x remote control. By pressing any button again, the call will be terminated.

To make a call – you can call up to 4 preprogrammed numbers while you are driving. By pressing one of buttons 🔒, 🔓, ● or ○ on the remote control you will dial the corresponding number (preprogrammed by the installer)

By pressing any button again, the **call will be terminated.** When armed, all incoming calls are automatically rejected. If the car is blocked (by the IMO instruction) all calls are automatically answered (it is then possible to listen to and to speak to the car remotely).

9. Wireless detectors

It is possible to enroll up to 8 wireless detectors (movement, glass-break, magnetic etc) from the Jablotron JA-60 series to protect the area up to 20 meters away from the car alarm. After arming the car alarm, an exit delay of 20 seconds is provided to all enrolled detectors (the detectors are ignored during this delay). A 20 second entrance delay after triggering a detector is provided by the detectors that are switched to delay mode. In the case of an alarm, the siren will sound for 30 sec., warning SMS messages (e.g. alarm in garage) will be sent to all phones (TEL1 to TEL4) and these phones can also be called with a siren sound. The system also reports low batteries in a detector by SMS.

JA-60P movement detector

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[2] Controlling by dialing in will result only in arming/disarming the alarm but it will not lock/unlock the doors
[3] Must be set by the installer