

DEFA ALARM



About your new DEFA alarm.

Our 40 years of experience in the development of automobile electronics systems is your assurance of quality and durability for the DEFA Security alarm system you have purchased. Quality is our top priority, both in development and in production. Please read this user manual carefully and acquaint yourself with the various functions of your DEFA Security alarm system.

This user manual describes the functionality of the alarm system when it is correctly installed in a vehicle using your original remote control for operating the system.

For using DEFA remote control – Please read the user guide for DEFA remote control.

NOTE! The alarm system is delivered with a PIN Code Card. Keep this in your wallet, not inside the vehicle!

Versions.

The alarm system can be equipped with DEFA remote controls, or be used with the vehicle's original remote control.



There are also options regarding the sensor setup. The alarm system can be equipped with any combination of a level sensor monitoring jacking of the vehicle, a motion sensor monitoring interior motion, a glass breakage sensor etc.

The installer uses DEFA's programming system to setup the alarm system to fit each vehicle.

Arming.

- Using the vehicle's original remote control:

Press the lock button on your vehicle's original remote control.

The vehicle's direction lights will flash according to the vehicle's locking indication.

The LED is illuminated for 20 seconds before it begins to flash. This confirms that the different sensors are armed. When the system is armed, the LED will flash once every other second.

Note! The ignition must be turned off to be able to arm the system.

Disarming

- Using the vehicle's original remote control:

Press the unlock button on your vehicle's original remote control.

The vehicle's direction lights will flash according to the vehicle's unlocking indication.

If an alarm condition has been registered during the armed period the siren will beep five times and the direction lights will flash when the alarm is disarmed. The LED will give information about what caused the alarm condition by flashing in sequences. See Alarm Trig Memory for more information.

Note! If the vehicle's remote control is equipped with a trunk compartment opening button, the alarm system can be programmed to not trigger the alarm on trunk opening if this button is used. When the trunk is closed the system returns to fully armed state.

Temporary deactivation of sensors



The alarm can be armed without activating the sensors.

This may be necessary if, e.g. a dog is left in the vehicle or the vehicle is on a ferry.

With the ignition turned off, press the button on the window module before arming the alarm. The LED will light up as a confirmation when pressing the button.

When arming the system the LED will then start to flash immediately, without the 20 seconds delay for sensor



arming. The sensors remain deactivated until the ignition is turned on, regardless of how many times the system is armed and disarmed.

Emergency disarm

If the Remote Control is broken or lost, disarm the alarm system as follows:

❶ Consult your PIN Code Card and locate your five-digit PIN Code.

❷ Follow the instructions on the PIN Code Card to disarm the alarm system.



Always keep your PIN Code with you. **Do not leave it in the vehicle!**

❷ Entering PIN-Code

1. Turn the ignition on.
2. Press the button on the Window Module as many times as the first digit.
3. Wait (approx. 1 second) for the LED to blink once. This indicates that the digit is stored.
4. Repeat steps 2 and 3 with the remaining digits. When the last digit is stored the LED will flash rapidly to indicate that the correct PIN is entered.
5. If at any point you enter a wrong digit you may start over from step 2 as many times as required.

Triggering alarm

When armed, the system will monitor all doors, trunk, hood and ignition. If fitted with appropriate sensors, the system can also monitor glass breakage, interior motion and vehicle tilting.

Triggering

If any of the sensors detect an alarm condition, the siren will sound for 30 seconds and the direction lights will flash for 2 minutes.

Note! The sensor inputs are restricted to maximum 10 triggers per arming cycle.

Alarm trig memory

When deactivating the alarm system, before the ignition is turned on, the LED will give you information on what caused the alarm condition.



Trig source	No. of flashes	Trig source	No. of flashes
Level sensor	2	Ignition	6
Door	3	Auxiliary input	7
Hood	4	Motion sensor	8
Trunk	5	Glass breakage sensor	9

Note! The flash sequence stops when the ignition is turned on or the system is armed.

When the alarm has been triggered during the last activation period, it will respond with 5 short sound and light signals when deactivated. The LED indicates which sensor that triggered the alarm by blinking in sequence.

Troubleshooting

The alarm is meant to operate without need of any kind of servicing. If service after all is needed; Read the fault finding procedure below before contacting authorized DEFA-dealer.

FAULT	CAUSE	REMEDY
Alarm system not responding.	Alarm fuse defect. Vehicle out of battery.	Replace broken fuse with new one. Charge battery of the car. Use e.g. DEFA MultiCharger 1204.
Remote control not functioning.	Remote control out of battery.	Replace old battery with new one.
Alarm activated. Alarm is not triggered when door is opened.	Defective door switch.	Check functionality of door switch; 1. Get into vehicle, close all doors. 2. Wait until dome light fades out. 3. Open door. Dome light illuminates if door switch is working. Be sure that the dome light switch is in door position. Contact car dealer for door switch exchange if needed.



Date: 02.08.2013

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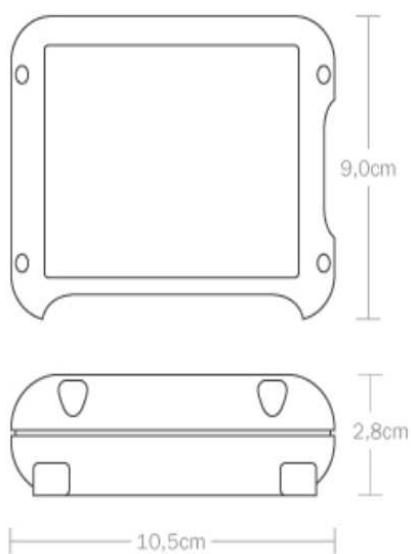
MOLPIR GROUP CZ a.s., Business centrum Klamovka, Plzeňská 155/113, 150 00 Praha 5 – Košíře, Tel.: 00420 724 606 000, e-mail: jsvoboda@molpir.cz, www.molpir.cz

IČO: 25828843, DIČ: CZ25828843, ČSOB Olomouc, č. ú.: 377913723/0300, Registrace: KOS, OR Ostrava, oddíl B, vložka č. 2094

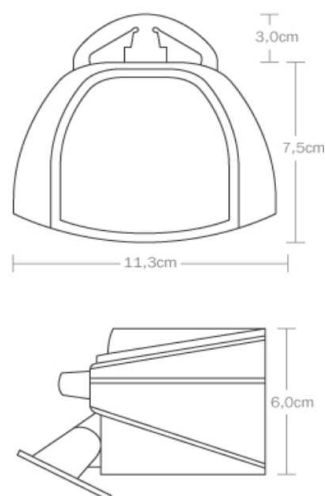
Technical data

System	Supply voltage	8 ~ 32V
	Current consumption	20mA
	Operating temperature	-40°C ~ +85°C
Inputs	CAN-bus	High Speed, Fault tolerant og Single wire
	Analogue inputs	10
Outputs	Lights	2 x 10A
	Aux. output (Hi side switch)	2 x 1A
	Aux. output (Low side switch)	2 x 1.5A
	Immobilizer	1 x 25A
LED Status	Armed system	Flashing LED 0.5Hz
	Alarm Memory indication (after disarmed)	1 ~ 9 flashes in LED
Lights	Arming / Disarming	Depending on vehicle
	Alarm	Flashing, 2 min
Siren	Alarm sound	116dB / 30sec.

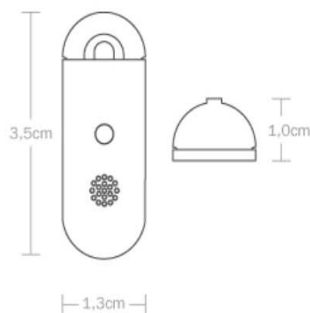
CENTRAL UNIT



SIREN



WINDOW MODULE



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