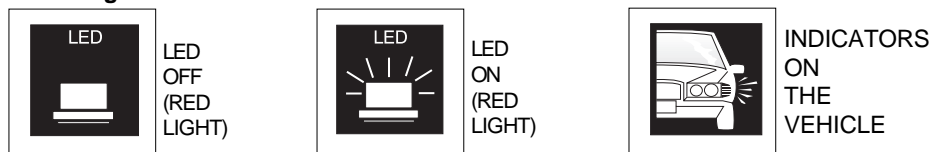


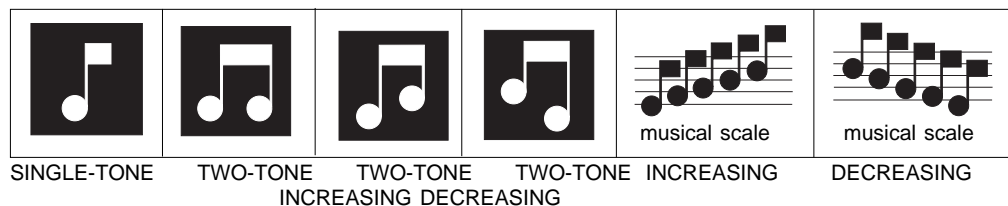
LEGEND OF SYMBOLS USED

Visual signals:

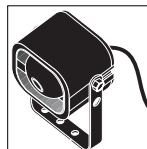


Audible signals:

SERVICE SIGNALS PROVIDED BY THE BUZZER OF THE **SIR 027** (OPTIONAL)



Alarm signals:



SELF-POWERED SIREN **SIR 027** (optional)



VEHICLE HORNS

X PULSES



Controls to the alarm unit **med 3000**:

PRESSTHE LED/PUSH-BUTTON XTIMES

Original remote control



Key **med 64**

CAUTION:

The **med 3000** car alarm is supplied in various versions to adapt better to the vehicles on the market.

These versions are identified by an abbreviation following the name: **med 3000.xxx**. This handbook gives the name **med 3000** also for the **med 3000.Bxx** version that **does not have the radar sensor**; as remote control also the key of **med 64**.

For additional TECHNICAL INFORMATION on alarm unit operation, connections and other **med** products, please call **med TECHNICAL SERVICE** on the following numbers:

Phone **+39 0522 / 511665**

Fax **+39 0522 / 500153**

med s.p.a.

Via Raffaello, 33
42100 Reggio Emilia (Italy)

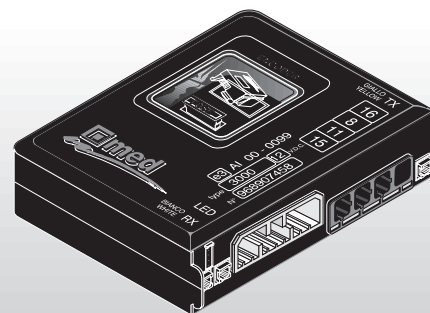


06/09



INSTALLER OPERATING INSTRUCTIONS

med 3000



Alarm unit/immobilizer fully programmable can be combined with the original vehicle remote controls.

CAN BE COMBINED WITH **med** IMMOBILIZERS IN THE CAR LINE

Package contents:

- 1 Car alarm **med 3000**
- 1 Sealed PIN-CARD with PERSONAL code number
- 1 Pair of RADAR SENSORS **MTR 2000** (if envisaged)
- 1 18-wire wiring: **CAV 1000**
- 1 4-wire wiring: **CAV 3000**
- 1 LED/PUSH-BUTTON cable: **CAV 601**
- 1 Installation certificate with assembly accessories and instructions

med 3000 CAR ALARM CONFIGURATION

STANDARD VALUES SET

- RADAR SENSOR SENSITIVITY: **MEDIUM**
- VEHICLE SELECTION TYPE 5 (MERCEDES "CAN")
- ACTIVATION/DEACTIVATION INDICATOR FLASHING: **ACTIVE**
- SYSTEM ACTIVATION ON DOOR LOCKING: **EXCLUDED** (after rejection on activation).
- PRE-ALARM: **DISABLED**
- STATUS SIGNAL: **FIXED**
- AUTOMATIC ACTIVATION OF IMMOBILIZER: **EXCLUDED**
- RADAR SENSOR: **ACTIVE** with ANTI-BLINDING and ANTI-MASKING
- SIREN: **ACTIVE** with RESET PROGRAMMING OF SOUND (with **SIR 027** siren)
- SOUND SIGNALS FOR ACTIVATION AND DEACTIVATION: **ACTIVE** (with siren **SIR 027**)
- ADDITIONAL ALARM OUTPUT: **INTERMITTENT**
- ACCIDENTAL DEACTIVATION PREVENTION: **DEACTIVATED**
- **N.B.** On some vehicles this function is controlled by the vehicle's original system.
- SYSTEM: **IN SERVICE**

RADAR SENSOR

The **med 3000** alarm unit has the latest generation RADAR controlled by a specific MICROPROCESSOR, to GUARANTEE a high level of sensitivity, immunity from false alarms and vehicle protection with low POWER CONSUMPTION.

On ACTIVATING the SYSTEM, during the first few seconds, it runs a full CHECK on its operation, the sensors and all the parameters corresponding to the vehicle in which it is installed.

During OPERATION, all these parameters are CONSTANTLY updated to distinguish between actual alarms and FALSE SIGNALS better.

LOWER POWER CONSUMPTION

To LIMIT power consumption as much as possible and protect the vehicle's battery, the alarm unit is PROGRAMMED to exclude the RADAR sensor after 3 days of ACTIVATION WITH NO ALARMS. On detecting an ALARM from PUSH-BUTTONS or the IGNITION KEY, the RADAR SENSOR is REACTIVATED again. **N.B. FOR VERSIONS WITH RADAR SENSOR.**

FLAT BATTERY

In combination with the **SIR 027** siren, the alarm unit has a special sensor to check the charge of the vehicle's battery. If the battery slowly discharges due to the lights or other devices staying on, the immobilizer stays ACTIVE (provided it was activated beforehand) while the **SIR 027** siren is automatically disabled.

To start up the engine it is first necessary to recharge the battery or hook up a second one, following the vehicle manufacturer's instructions. Then deactivate the system with the remote control or the EMERGENCY procedure and start up the engine.

N.B. If the alarm unit supply cables or connecting cables for **SIR 027** with the system activated, the siren regularly runs the ALARM cycles required by the EUROPEAN EC DIRECTIVE **95/56**.

MAINTENANCE

The **med 3000** ALARM UNIT needs NO MAINTENANCE.

TERMS OF WARRANTY

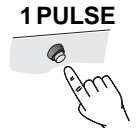


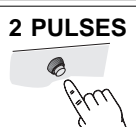

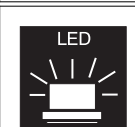
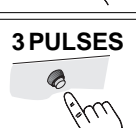

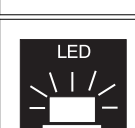
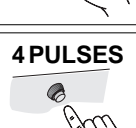

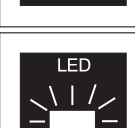
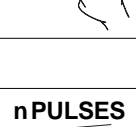

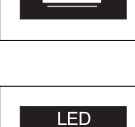
TECHNICAL WARRANTY runs for 12 months as of the date of installation, ex works, for parts considered defective at the unquestionable judgement of **med**. This form of cover EXCLUDES external labour costs and all other burdens by whatever right. WARRANTY, acknowledged only for appliances whose duly compiled INSTALLATION CARD has been received, is forfeit in the case of damage due to faulty installation, tampering, improper use of the system or part of it, combination with devices for which NO provision has been made, or infiltration of liquids. Installation MUST BE CARRIED OUT by QUALIFIED PERSONNEL.

TECHNICAL SPECIFICATIONS OF THE ALARM UNIT: med 3000

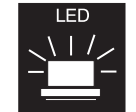

Supply voltage	: 12 V DC
Current draw mean values	: at rest : 7 mA
(version with RADAR sensor)	: with system activated: for the first 3 days 15 mA : for the following days 10 mA
med 3000.B (without RADAR sensor)	: 10 mA
Protection	: polarity reversal : shorting on all wires : LOAD DUMP (current peak generated after battery disconnection while travelling)
Electromagnetic compatibility	: According to EC Directive 95/54
Temperature range	: from - 40° C to + 85° C
Positioning	: in the car (in a protected position)
Protection	: IP 40 (IEC 529 1989) - DIN 40050 - EN 60529

page	CONTENTS	
1	USING THE SYSTEM	OPERATION
2	USING THE SYSTEM WITH THE KEY med 64	
3	CAUSES OF REJECTION ON ACTIVATING THE SYSTEM	
4	EMERGENCY DEACTIVATION	
5	ALARM FUNCTIONS	
6	ALARM MEMORIES	
6	PRE-ALARM FUNCTIONS	
7	ACCIDENTAL DEACTIVATION PREVENTION	
7	SELF-DIAGNOSIS	
8	AUTOMATIC IMMOBILIZER ACTIVATION	
9	RADAR SENSOR - ANTI-BLINDING AND ANTI-MASKING	PROGRAMS
9	RADAR SENSOR - MOMENTARY EXCLUSION	
10	USER PROGRAMS	
10	INSTALLER PROGRAMS - SELECTING VEHICLE TYPE	
11	INSTALLER PROGRAMS - OTHER POSSIBILITIES	
12	PROCEDURE TO ENTER PROGRAMMING	
13	SYSTEM OUT OF SERVICE - RESETTING THE SYSTEM	
13	CUSTOMIZING SIREN SOUND	
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15	RADAR SENSOR - SENSITIVITY ADJUSTMENT	
15	INDICATOR FLASHING	
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17	TIMED OR FIXED STATUS OUTPUT SELECTION	
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18	AUTOMATIC IMMOBILIZER ACTIVATION	
18	FIXED OR INTERMITTENT ALARM OUTPUT SELECTION	
19	ACCIDENTAL DEACTIVATION PREVENTION	
19	RADAR SENSOR TEST	
21	PUSH-BUTTON TEST	
22	RADAR SENSOR - PERMANENT EXCLUSION	
22	RADAR SENSOR - ANTI-BLINDING/ANTI-MASKING EXCLUSION	
23	RESETTING PROGRAMS (EXCEPT FOR VEHICLE TYPE)	
24	REPLACING DIGITAL IMMOBILIZER med 30 - med 58.xD	
25	SELECTING VEHICLE TYPE	
27	RADAR SENSOR - REDUCTION in POWER CONSUMPTION - FLAT BATTERY	VARIE
27	MAINTENANCE - TERMS OF WARRANTY - SPECIFICATIONS	

**SINGLE INSTALLER PROGRAM WITH 12[+15] ON - OFF FOR:
SELECTING VEHICLE TYPE**

 <p>1 PULSE</p>	<p>1 SHORT SIGNAL of BUZZER and LED for: VEHICLE TYPE 1</p>		
 <p>2 PULSES</p>	<p>2 SHORT SIGNALS of BUZZER and LED for: VEHICLE TYPE 2</p>		
 <p>3 PULSES</p>	<p>3 SHORT SIGNALS of BUZZER and LED for: VEHICLE TYPE 3</p>		
 <p>4 PULSES</p>	<p>4 SHORT SIGNALS of BUZZER and LED for: VEHICLE TYPE 4</p>		
 <p>n PULSES</p>	<p>n SHORT SIGNALS of BUZZER and LED for: VEHICLE TYPE n</p>		

SIGNAL FOLLOWED BY:

<p>PROCEDURE ACCEPTED</p>		<p>PROCEDURE REJECTED</p>
<p>FAST LED FLASHES VERY FAST LED FLASHES</p>		<p>FAST LED FLASHES</p>
<p>RISING BUZZER TONE</p>	 <p>musical scale</p>	<p>REPEAT PROGRAMMING</p>
<p>CONFIRM PROGRAMMING [+15] ON - OFF once.</p>		

INSTALLER PROGRAMS (8 + 15 ON - OFF) FOR:

**REPLACING ALARM UNIT WITH DIGITAL IMMOBILIZER
"MUX" med 30.1, med 30.2D and med 58.xD**

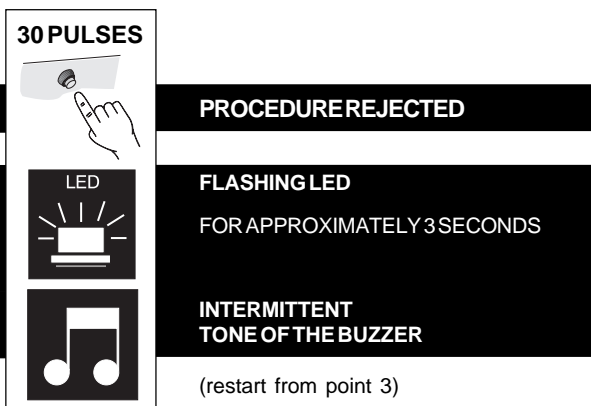
COMPLETE PROCEDURE

At the **FIRST INSTALLATION** the **CODE NUMBER** assigned by the alarm unit to the immobilizer with input "MUX" is **PROVISIONALLY** for the **FIRST 20 attempts** at **STARTING** done with the same **ALARM UNIT**.

- If the **ALARM UNIT** is replaced before the **20th attempt** at **STARTING**, the immobilizer runs an **AUTOMATIC RESET**, returning to its initial state of **OPERATION**. Therefore it is **NOT** necessary to carry out any special processes of **REPLACING** the **ALARM UNIT**.
- On completing the **21st attempt** at **STARTING**, the **ALARM UNIT** and the immobilizer are permanently **COMBINED**.

If it is necessary to **REPLACE** the **ALARM UNIT** after **MAKING** the **21st attempt** at **STARTING**, you need to carefully follow this **PROCEDURE**:

1. Get hold of the **PIN - CARD** of the **ALARM UNIT** already on the vehicle (the one that has to be replaced) with the 6-digit personal code.
2. Install the new **med 3000 ALARM UNIT**.
3. Enter **INSTALLER PROGRAMMING** (with no. **10 [+15] ON - OFF** see page 12)
4. Send **30 PULSES** with the **LED/PUSH-BUTTON**:

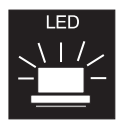



5. Enter the 6-digit personal code of the old **ALARM UNIT** with the key (**+ 15 ON - OFF**)
6. After entering the 6th digit, wait for a few seconds then the full light of the LED will come on.
7. In this condition it is necessary to start the car, leaving the engine running:
 - If the **ENGINE** does **NOT** switch off within **1 minute**, the procedure has been accepted. Then cut off the power supply from the **med 3000** alarm unit for at least **1 minute**, in order to send the immobilizer the new code when it is again powered. The immobilizer has now been **RESET**. Go back to the condition of acquiring the initial code (**20 provisional attempts** at starting, to then be permanently **COMBINED** with the **ALARM UNIT** on the **21st start**).
 - If the **ENGINE SWITCHES ITSELF OFF**, within **1 minute**, it is necessary to **REPEAT** the process from the beginning, after waiting for a few minutes.

procedure to enter **PROGRAMMING**: page 12

SYSTEM ACTIVATION

PRESS THE VEHICLE'S ORIGINAL REMOTE CONTROL LOCKING BUTTON TO **ACTIVATE** THE SYSTEM. **CONFIRMATION OF ACTIVATION WITH 2 SHORT SIGNALS OF:**

		CAUSES OF REJECTION ON PAGE 3 RADAR SENSOR EXCLUSION ON PAGE 9
- LED (red warning light) - TWO-TONE NOTES (with siren SIR 027)		

SYSTEM DEACTIVATION

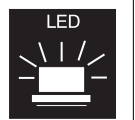

PRESS THE VEHICLE'S ORIGINAL REMOTE CONTROL UNLOCKING BUTTON TO **DEACTIVATE** THE SYSTEM. **CONFIRMATION OF DEACTIVATION WITH 1 EXTENDED SIGNAL OF:**

		LED ON STEADY UPON OPENING THE DOOR AFTER STOPPING THE ENGINE
- LED (red warning light) - TWO-TONE NOTES (with siren SIR 027)		

N.B.: THE FLASHES OF THE LED MAY BE FOLLOWED, WHEN UNLOCKING/LOCKING DOORS, BY THE INDICATORS FLASHING OR THE SIGNALS OF THE ORIGINAL SYSTEM, IF THE VEHICLE IS EQUIPPED WITH ONE.



SYSTEM ACTIVATION WITH RADAR SENSOR EXCLUDED

PRESS THE VEHICLE'S ORIGINAL REMOTE CONTROL LOCKING BUTTON TO **ACTIVATE** THE SYSTEM. **CONFIRM ACTIVATION WITH:**
3 SHORT SIGNALS FOR PERMANENT EXCLUSION OF THE RADAR SENSOR OF:
4 SHORT SIGNALS FOR MOMENTARY EXCLUSION OF:

		CAUSES OF ACTIVATION REJECTION ON PAGE 9
- LED (red warning light) - TWO-TONE NOTES (with siren SIR 027)		

SYSTEM DEACTIVATION

PRESS THE VEHICLE'S ORIGINAL REMOTE CONTROL UNLOCKING BUTTON TO **DEACTIVATE** THE SYSTEM. **CONFIRMATION OF DEACTIVATION WITH 1 EXTENDED SIGNAL OF:**

		LED ON STEADY UPON OPENING THE DOOR AFTER STOPPING THE ENGINE
- LED (red warning light) - TWO-TONE NOTES (with siren SIR 027)		

N.B.: THE FLASHES OF THE LED MAY BE FOLLOWED, WHEN UNLOCKING/LOCKING DOORS, BY THE INDICATORS FLASHING OR THE SIGNALS OF THE ORIGINAL SYSTEM, IF THE VEHICLE IS EQUIPPED WITH ONE.

USING THE SYSTEM WITH THE KEY OF med 64

The **med 64** key makes it possible to control the **med 3000** car alarm via the auxiliary key socket **PCA 600** completely, with the same signals indicated for use with the vehicle's original remote control. When using the **med 64** key, the car alarm is activated/deactivated with these times:

Exit time:

30 seconds from taking the key out of the auxiliary key socket **PCA 600** (ACTIVATION OF ALARM SYSTEM **med 3000**)

Entry time:

7 seconds to put the key into the **PCA 600** with a warning **BEEP** of the buzzer (DEACTIVATION OF ALARM SYSTEM **med 3000**)

Selecting the "pre-alarm" function on the **med 3000** alarm unit, page **16**, the **7 seconds** of the entry time is divided into two portions:

- In the first **3 seconds** the driver's door can be opened and closed again within this time without generating an alarm (the buzzer stops beeping as well).
- If the doors stays open longer than **3 seconds**, it is possible to deactivate the system within another **4 seconds** without an alarm.
- If the system is not deactivated within **7 seconds** of opening the door, there is an alarm.

SYSTEM ACTIVATION

On switching off the engine and opening the driver's door the LED (red warning light) of the **PCA 600** starts to flash.

1. Before leaving the vehicle, fully insert and keep the **med 64.0 key pressed** in the **PCA 600** socket. Very fast LED flashing when identifying the code and writing to the key (always keep the key in the socket).
2. **2 BEEPS** and the LED on steady: the system is ACTIVATED; take out the key.

CAUTION:

Taking out the key before the LED comes on prevents the system from activating.

3. Close the door within **30 seconds**.
With the system activated and door closed the **PCA 600** LED is always off.

SYSTEM DEACTIVATION

1. Open the driver's door: the **PCA 600** socket LED comes on steady and the buzzer beeps continuously. Within **7 seconds** of opening:
2. Fully insert and keep the **med 64.0 key pressed** in the **PCA 600**.
Very fast LED flashing when identifying the code and writing to the key (always keep the key in the socket throughout).
3. **Extended BEEP** from the **med 64.0** buzzer + LED off: the system is DEACTIVATED; take out the key.

CAUTION:

Taking out the key before the LED goes out prevents the system from deactivating. The pre-alarm function has to be set (PAGE 16).

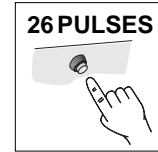
N.B.:

For the operation of the auxiliary key socket **PCA 600** it is necessary to have a **med 64.0** immobilizer system with **med 600** alarm unit version **V. 1.9** or better and the driver's door push-button connected. The **med 64.0** immobilizer will be controlled as described in its instructions with the main key socket **PCH 600** (the one without the LED).

INSTALLER PROGRAMS (8 [+ 15] ON - OFF) FOR:

RESETTING INITIAL CONDITIONS PROGRAMMED BY m

STANDARD VALUES

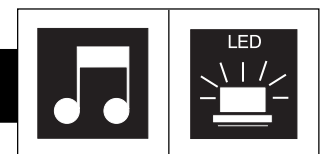


- RADAR SENSOR SENSITIVITY: **MEDIUM**
 - ACTIVATION/DEACTIVATION INDICATOR FLASHING: **ACTIVE**
 - SYSTEM ACTIVATION ON DOOR LOCKING: **EXCLUDED** (after rejection on activation)
 - PRE-ALARM: **EXCLUDED**
 - STATUS SIGNAL: **FIXED**
 - AUTOMATIC IMMOBILIZER ACTIVATION: **EXCLUDED**
 - RADAR SENSOR: **ACTIVE** with ANTI-BLINDING / ANTI-MASKING FUNCTIONS
 - SIREN: **ACTIVE** with SOUND PROGRAMMING **RESET** (with siren **SIR 027**)
 - SOUND SIGNALS FOR ACTIVATION AND DEACTIVATION: **ACTIVE** (with **SIR 027** siren)
 - ADDITIONAL ALARM OUTPUT: **INTERMITTENT**
 - ACCIDENTAL DEACTIVATION PREVENTION: **DEACTIVATED**
- N.B: ON SOME VEHICLES THIS FUNCTION IS CONTROLLED BY THE ORIGINAL SYSTEM**
- SYSTEM: **IN SERVICE**

CAUTION:

"SELECTING VEHICLE TYPE" IS NOT MODIFIED.

- **CONTINUOUS TONE**
- **FLASHING LED** (red warning light)



procedure to enter PROGRAMMING: page 12

INSTALLER PROGRAMS (8 [+ 15] ON - OFF) FOR:

23 PULSES

PERMANENT EXCLUSION OF THE RADAR SENSOR

PROGRAMMING allows us to permanently DEACTIVATE the radar sensor. **CAUTION:** On ACTIVATING the system 3 BEEPS, 3 FLASHES of the indicators and LED remind you the system has been activated without the sensor.
See page 1.

- TREBLE/BASS TWO-TONE SIGNAL
- FLASHING LED (red warning light)

ON ACTIVATING THE SYSTEM, THE LED FLASHES

23 PULSES

RESETTING THE RADAR SENSOR

PROGRAMMING makes it possible to REACTIVATE the RADAR SENSOR.
STANDARD SETTING

- BASS/TREBLE TWO-TONE SIGNAL
- FLASHING LED (red warning light)

ON ACTIVATING THE SYSTEM, THE LED IS ON STEADY then FLASHING

CAUTION: med 3000.B WITHOUT RADAR SENSOR

24 PULSES

EXCLUDING ANTI-BLINDING and ANTI-MASKING FUNCTIONS

PROGRAMMING enables us to permanently deactivate just the functions of anti-blinding and anti-masking of the radar sensor, leaving the sensor active for normal vehicle superintendence.
Recommended for use on vehicles with large spaces to protect.

- TREBLE / BASS TWO-TONE SIGNAL
- FLASHING LED (red warning light)

ON ACTIVATING THE SYSTEM, THE LED IS ON STEADY then FLASHING

24 PULSES

RESETTING ANTI-BLINDING and ANTI-MASKING FUNCTIONS

PROGRAMMING allows us to entirely REACTIVATE the functions of ANTI-BLINDING and ANTI-MASKING
STANDARD SETTING

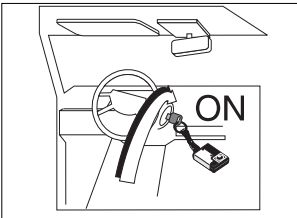
- BASS/TREBLE TWO-TONE SIGNAL
- FLASHING LED (red warning light)

ON ACTIVATING THE SYSTEM, THE LED IS ON STEADY then FLASHING

CAUSES OF REJECTION ON ACTIVATING THE SYSTEM

During ACTIVATION, the alarm unit runs a COMPLETE CHECK on the SYSTEM.

- If everything turns out REGULAR, the alarm unit ACTIVATES itself and vehicle superintendence begins.
- If any IRREGULARITIES are found, they are highlighted as follows:



- **REMOTE CONTROL IGNORED DUE TO KEY ON (PANEL ON) OR, ON SOME VEHICLES, DUE TO THE KEY INSERTED IN THE IGNITION (EVEN IF OFF - PANEL OFF). NO SPECIFIC SIGNAL**
- **PUSH-BUTTONS OF DOOR, BONNET AND BOOT OPEN IF CONNECTED to the instant INPUT of the ALARM UNIT:**

3 SHORT SIGNALS or **3 SHORT SIGNALS** followed by more **CONTINUOUS SHORT SIGNALS** of **BUZZER** and **LED** until the door is locked

- **SINGLE-TONE NOTES** (with siren 027)
- **LED** (red warning light)

CAUTION: On some vehicles the original system locks the doors all the same.

The **med 3000** car alarm will be automatically activated on locking the door or boot if the appropriate program is activated.

N.B.: On others, if one or both front doors are open, they will not be locked when closed. It is necessary to press the door-locking button on the remote control once more. If one or both rear doors, or the boot, are open, all the doors will be locked when they are closed.

DO NOT LEAVE THE ORIGINAL REMOTE CONTROL IN THE VEHICLE.

SELF-POWERED SIREN - SIR 027

- VEHICLE HORNS

- INDICATORS

- LED (red warning light)

- **SYSTEM OUT OF SERVICE:**
5 SHORT SIGNALS of **BUZZER** and **LED**

- **SINGLE-TONE NOTES** (with SIR 027 siren)
- **LED** (red warning light)

For further information on the SYSTEM OUT OF SERVICE: page 13.

DO NOT LEAVE THE ORIGINAL REMOTE CONTROL IN THE VEHICLE.

EMERGENCY DEACTIVATION

If there is no remote control it is anyhow possible to DEACTIVATE the system and START the engine by using the KEY to compose a specific **ON - OFF** SEQUENCE indicated by the PERSONAL CODE given in the **PIN - CARD** under the adhesive label with the SERIAL NUMBER.

The OPERATIONS to CARRY OUT, also given on the back of the **PIN - CARD**, comprise:

1. DETACH THE LABEL FROM THE **PIN - CARD**: THIS WILL REVEAL THE PERSONAL CODE WITH **6** DIGITS.
 2. WAIT FOR ANY ALARM SOUND SIGNALS TO STOP.
 3. INSERT THE IGNITION KEY IN THE **OFF** POSITION.
 4. TURN IT: **ON** (PANEL ON) AND **OFF**, WITHOUT ACTIVATING THE STARTER MOTOR FOR THE NUMBER OF TIMES INDICATED BY THE 1st DIGIT OF THE PERSONAL CODE (e.g. 3 indicates turning it three times ON - OFF, ON - OFF, ON - OFF in rapid succession).
 5. WAIT FOR A SHORT FLASH OF THE LED (red warning light) IN CONFIRMATION.
 6. REPEAT STEPS 4 AND 5 FOR THE REMAINING 5 DIGITS.
 7. IF THE OPERATION TURNS OUT RIGHT THE ALARM UNIT WILL DEACTIVATE THE SYSTEM (page 1). THEN START THE ENGINE WITHIN 10 MINUTES.
 8. **IF THE ENGINE STOPS THE SYSTEM STAYS DEACTIVATED FOR 10 MINUTES**. LONGER STOPS YOU NEED TO REPEAT THE SEQUENCE FROM POINT NUMBER 2.
- **IF THE OPERATION TURNS OUT WRONG** (SHORT SET OF FLASHES) REPEAT THE PROCESS FROM POINT NUMBER 3., AS SOON AS THE SLOW FLASH RETURNS.
 - **IF THE PROCESS IS BROKEN OFF** REPEAT IT FROM POINT NUMBER 3., AS SOON AS THE SLOW FLASH RETURNS.

N.B. The PROCEDURE described can be REPEATED INDEFINITELY. By using the PERSONAL CODE you AUTOMATICALLY also set AUTOMATIC ACTIVATION of the IMMOBILIZER to 10 minutes (page 8).

Using the remote control again, AUTOMATIC IMMOBILIZER ACTIVATION returns to its initial PROGRAM.

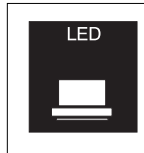
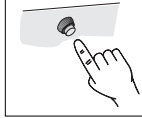
CAUTION

- NEVER LEAVE YOUR PIN - CARD IN THE CAR
- KEEP IT IN A SAFE PLACE
- TAKE OFF THE ADHESIVE COVERING THE NUMBER WITH **6** DIGITS ONLY IF NECESSARY

INSTALLER PROGRAMS (8 [+ 15] ON - OFF) FOR:

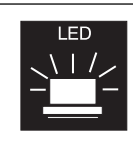
DOOR, BONNET AND BOOT BUTTON TEST

22 PULSES



- LED OFF DURING WARNING SOUND
- WARNING SOUND INCREASING

- FLASHING LED (red warning light) FOR THE ENTIRE DURATION OF THE TEST



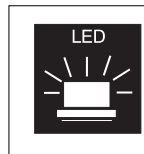
The CONTINUOUS SOUND of the BUZZER and the STEADY LIGHT of the LED indicate ACTIVATION of an ALARM caused by a door, the bonnet or boot opening.

- The SIGNAL continues until the DOOR is CLOSED.
- Both **INPUTS** of the PUSH-BUTTONS (**N/O** and **N/O/L**) are considered for the TEST as **INSTANTANEOUS**.
- DURING the TEST the REMOTE CONTROL is **NOT** detected.

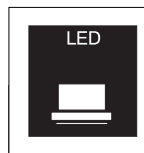
To QUIT the RADAR TEST FUNCTION, you need to TURN the KEY **ON** (panel on), then **OFF** (panel off).

N.B. YOU ALSO QUIT PROGRAMMING MODE.

CONFIRMATION WITH 1 EXTENDED SIGNAL OF:



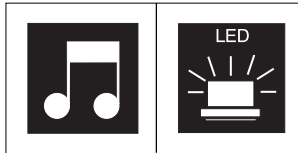
- LED (red warning light)
- TWO-TONE NOTES (with siren SIR 027)



LED OFF (red warning light)

The **CONTINUOUS SOUND** of the **BUZZER** and the **STEADY LIGHT** of the **LED** indicate a **MOVEMENT** has been **DETECTED** IN the protected area such as to **CAUSE** an **ACTUAL ALARM** via the **RADAR SENSOR**.

- THE SIGNAL BREAKS OFF WITH A TIME-LAG OF **2/3 SECONDS** FROM THE END OF THE REASON THAT **CAUSED IT**.
- DURING THE TEST IT IS POSSIBLE TO **VARY** THE SENSITIVITY OF THE **RADAR SENSOR** BY SIMPLY PRESSING THE LED/PUSH-BUTTON FOR THE NUMBER OF TIMES INDICATED:



2 PULSES 	2 SHORT SIGNALS OF BUZZER AND LED FOR: LOW SENSITIVITY		
3 PULSES 	3 SHORT SIGNALS OF BUZZER AND LED FOR: MEDIUM SENSITIVITY <i>STANDARD setting</i>		
4 PULSES 	4 SHORT SIGNALS OF BUZZER AND LED FOR: HIGH SENSITIVITY		

SIGNALS FOLLOWED BY ADDITIONAL CONFIRMATION:

- **FLASHING LED** (red warning light)
- **CONTINUOUS TONE OF THE BUZZER**

To **QUIT** the **RADAR TEST FUNCTION**, you need to **TURN** the **KEY ON**(panel on), then **OFF** (panel off).
N.B. YOU ALSO QUIT PROGRAMMING MODE.
CONFIRMATION WITH 1 EXTENDED SIGNAL OF:

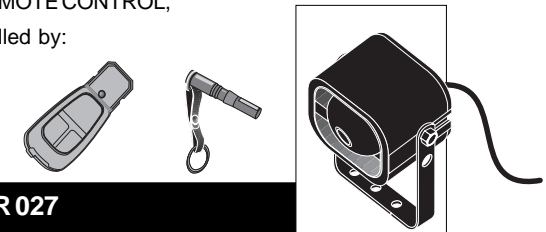
- **LED** (red warning light)
- **TWO-TONE NOTES** (with siren **SIR 027**)

- **LED OFF** (red warning light)

procedure to enter PROGRAMMING: page 12

ALARMFUNCTIONS

If the alarm unit is **ACTIVATED** with the **REMOTE CONTROL**, or the **med 64** key, the **ALARM** is signalled by:



SELF-POWERED SIREN - SIR 027	
- VEHICLE HORNS	
- INDICATORS - LED (red warning light)	

OPENING of doors, bonnet or boot (cycle of 25 seconds, can be deactivated with the remote control or **EMERGENCY** procedure).

- The **ALARM** cycle is **NOT** repeated if the door stays open.
- The alarm is only repeated if the door is closed and reopened after the end of the cycle in course.
- Unlimited number of **ALARM** cycles.
The alarm unit has two separate inputs to detect alarms from push-buttons:
 - **INSTANT**, on **OPENING** the door.
 - **TIME-LAGGED** for the first few seconds after **ACTIVATING** the system, then **INSTANTANEOUS**.
N.B. See **pre-alarm** on page 6.

KEY ON for at least 2 seconds (cycle of 25 seconds, can be deactivated by turning the key **OFF**).

- The **ALARM** cycle is **NOT** repeated if the key stays **ON**.
- The **ALARM** cycle is **ONLY** repeated if the key is turned back onto **OFF** and then again left **ON** for at least 2 seconds.
- Unlimited number of **ALARM** cycles.

RADAR SENSOR, IF ENVISAGED (cycle of 25 seconds, can be deactivated with the remote control or **EMERGENCY** procedure).

- The **ALARM** cycle is repeated after a pause of 5 seconds, if the cause of the **ALARM** persists continuously.
- Throughout the time of system **ACTIVATION** a total of at most 10 **ALARM** cycles signalled by the radar sensor are possible.





CAUTION:

If an **ALARM** triggers while another is already **ACTIVE**, the latter is **IGNORED**. With the system at rest, if **AUTOMATIC IMMOBILIZER ACTIVATION** triggers (page 8) only the **IMMOBILIZER** is activated along with the visual - audible signal for as long as the key is kept **ON** (provided it is longer than 2 seconds).

ALARM MEMORIES

An alarm occurring with the system activated is signalled on DEACTIVATING the SYSTEM after the customary DEACTIVATION SIGNALS (page 1) with:

		SHORT SIGNALS SPACED APART - SINGLE-TONE NOTES (with siren SIR 027) - LED (red warning light) spaced apart and following the DEACTIVATION signal
--	---	---

	1 SHORT SIGNAL OF BUZZER AND LED FOR: DOOR, BONNET AND BOOT BUTTONS	The SIGNAL indicates the 1st ALARM occurring throughout the system ACTIVATION time.
	2 SHORT SIGNALS OF BUZZER AND LED AT ATTEMPTED STARTING (KEY ON)	It is CANCELLED by turning ON the key after DEACTIVATING the SYSTEM.
	3 SHORT SIGNALS OF BUZZER AND LED FOR: RADAR SENSOR	
	5 SHORT SIGNALS OF BUZZER AND LED BLINDING OR MASKING RADAR SENSOR	

"PRE-ALARM" FUNCTION"

The installer can activate this function, only recommended with some systems:

- systems such as the RENAULT MEGANE with remote control;
- trucks with **med 64.0** immobilizer and **PCA 600** auxiliary key socket (without remote control).

If set, this function:

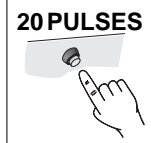
- Makes it possible to open and close a door within **3 seconds** without generating an alarm.
- If the doors stays open longer than **3 seconds**, it is possible to deactivate the system within another **4 seconds** without an alarm.
- If the system is not deactivated within **7 seconds** of opening the door, there is an alarm.

N.B.

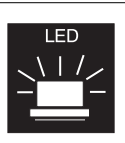
On opening the door with the system activated, the buzzer will **BEEP** to "warn" you to put the key into the socket.

INSTALLER PROGRAMS (8 [+ 15] ON - OFF) FOR:

ACCIDENTAL DEACTIVATION PREVENTION

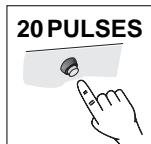


After ACTIVATING this function, every time the system is DEACTIVATED with the REMOTE CONTROL but NO ONE gets into the car within **40 seconds**, the entire system is AUTOMATICALLY REACTIVATED. RECOMMENDED PROGRAMMING.



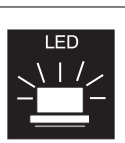
- **BASS/TREBLE TWO-TONE SIGNAL (BEEP)**
- **FLASHING LED** (red warning light)

N.B. Push-buttons of doors, bonnet and boot MUST be connected to avoid unwanted SYSTEM reactivation. ACTIVATION of this function PROTECTS against UNWANTED OPERATION of the remote control.



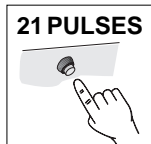
ACCIDENTAL DEACTIVATION PREVENTION EXCLUSION

This permits DEACTIVATING this additional PROTECTION. **CAUTION:** On some vehicles, this function is implemented by the original system, preventing its deactivation, or implementing it in a different time to the 40 seconds indicated.



- **TREBLE/BASS TWO-TONE SIGNAL (BEEP)**
- **FLASHING LED** (red warning light)

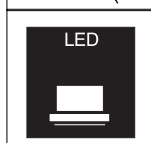
STANDARD SETTING



RADAR SENSOR TEST



The **SIGNALS** of the **BUZZER** and **LED** FOLLOWING the **MUSICAL SCALE** indicate the **LEVEL** of **SENSITIVITY SET**.



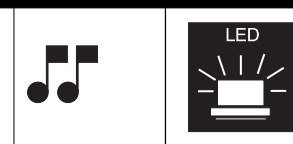
- **LED OFF DURING WARNING SOUND**
- **WARNING SOUND INCREASING**

SIGNAL FOLLOWED BY:

2 SHORT SIGNALS OF BUZZER AND LED:

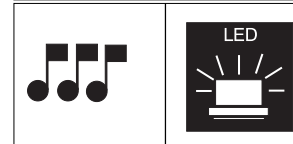
SENSITIVITY

LOW



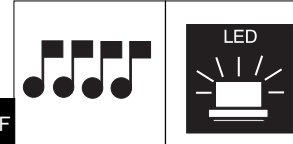
3 SHORT SIGNALS OF BUZZER AND LED:

MEDIUM



4 SHORT SIGNALS OF BUZZER AND LED:

HIGH

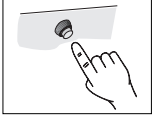


then **FLASHING LED** (red warning light) FOR THE ENTIRE DURATION OF THE TEST

INSTALLER PROGRAMS (8 [+ 15] ON - OFF) FOR:

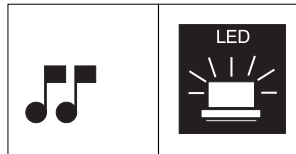
AUTOMATIC IMMOBILIZER ACTIVATION

16 PULSES 2 SHORT SIGNALS OF BUZZER AND LED FOR:

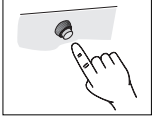


TIME-LAGGED by 5 minutes

AFTER SWITCHING OFF THE IGNITION KEY

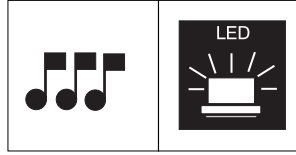


17 PULSES 3 SHORT SIGNALS OF BUZZER AND LED FOR:

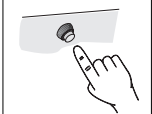


EXCLUDED

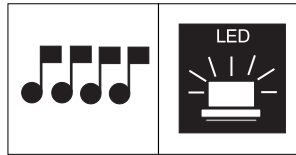
STANDARD SETTING



18 PULSES 4 SHORT SIGNALS OF BUZZER AND LED FOR:



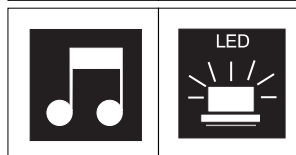
IMMEDIATE



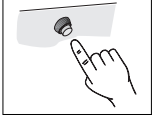
SIGNALS FOLLOWED BY ADDITIONAL CONFIRMATION

- CONTINUOUS TONE OF THE BUZZER
- FLASHING LED (red warning light)

FOR AUTOMATIC IMMOBILIZER ACTIVATION, SEE PAGE 8

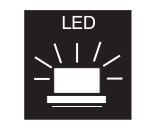


19 PULSES



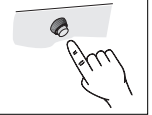
ALARM RELAY OUTPUT SELECTION: CONTINUOUS

CONTINUOUS OUTPUT (if it was intermittent).



- INTERMITTENT TONE OF THE BUZZER then CONTINUOUS
- FLASHING LED (red warning light)

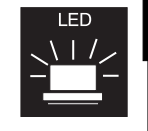
19 PULSES



ALARM RELAY OUTPUT SELECTION: INTERMITTENT

CAUTION: The INTERMITTENT OUTPUT MUST be used if the vehicle's original HORNS are connected.

STANDARD SETTING



- CONTINUOUS TONE OF THE BUZZER
- FLASHING LED (red warning light)

procedure to enter PROGRAMMING: page 12

ACCIDENTAL DEACTIVATION PREVENTION

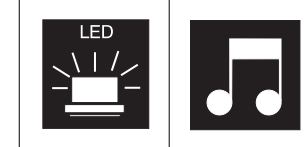
With this function, depending in some cases on the original system, each time the system is DEACTIVATED with the remote control but NO ONE gets into the vehicle within 30/40 seconds, the doors lock again and the entire system is AUTOMATICALLY REACTIVATED.

CAUTION:

On some vehicles this operation is determined by the original system. In these cases, it may not always be excluded.

WITH RADAR SENSOR ACTIVE

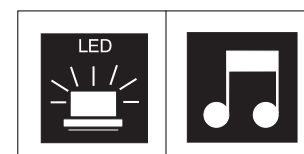
CONFIRMATION OF REACTIVATION WITH 2 SHORT SIGNALS OF:



- LED (red warning light)
- TWO-TONE NOTES (with siren SIR 027)

WITH RADAR SENSOR EXCLUDED

CONFIRMATION OF REACTIVATION WITH 3 OR 4 SHORT SIGNALS OF:



- LED (red warning light)
- TWO-TONE NOTES (with siren SIR 027)

CAUTION: On some vehicles the indicators are not activated.

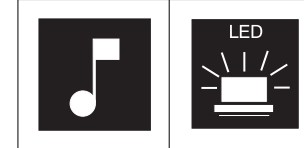
SELF-DIAGNOSIS

The med 3000 ALARM UNIT has a "SELF-DIAGNOSIS" function. This check also includes the combined peripheral devices, especially "INTELLIGENT" ones that are controlled by their own MICROPROCESSOR, such as the internal radar SENSOR and the SIR 027 siren.

6 BEEPS of the BUZZER and 6 FLASHES of the LED after the DEACTIVATION signal (page 1) indicate TROUBLE has been FOUND in the SYSTEM.

In this case, please CALL YOUR INSTALLER to check the SYSTEM.

The TROUBLE recorded by SELF-DIAGNOSIS is highlighted with SHORT SIGNALS SPACED APART of the BUZZER and LED.



- SINGLE-TONE NOTES
- LED (red warning light) spaced apart and following the DEACTIVATION signal

6 SHORT SIGNALS OF BUZZER AND LED FOR:

TROUBLE FOUND BY SELF-DIAGNOSIS



CAUTION!!! CALL YOUR INSTALLER

AUTOMATIC IMMOBILIZER ACTIVATION

INSTALLATION according to the EC DIRECTIVE 95/56 requires AUTOMATIC IMMOBILIZER ACTIVATION, IF a med **IMMOBILIZER is installed OR IF THE ELECTRICAL CUT-OUTS OF THE med 3000 ARE CONNECTED.**

ACTIVATION can then be set by the INSTALLER.:

- A. IMMEDIATE**
- B.** With a TIME-LAG of **5 minutes**
- C. EXCLUDED** (only if there is not an immobilizer)

A. IMMEDIATE

- Door opening is followed by switching off the key (**OFF**).
- With a time-lag of 1 minute if a door is already open.

With automatic IMMOBILIZER ACTIVE, if the key is turned onto **ON** and you try to start the vehicle:

- The engine will NOT start, the BUZZER (with the **SIR 027** siren) will sound CONTINUOUSLY and the INDICATORS and LED will stay ON STEADY.
- TURNING the key back onto **OFF** there will be some SHORT SIGNALS of the BUZZER combined with flashes of the LED.
- The LED is now flashing.

If the key is again turned onto **ON** and you try to start the vehicle:

- The engine will NOT START and the LED will stay ON STEADY until the key is turned (**OFF**).

To START UP the ENGINE, DEACTIVATE the system with the remote control or run the EMERGENCY procedure (page 4).

B. With a TIME LAG of 5 minutes

The time-lag for activating automatic immobilizer ACTIVATION is calculated from when the key is turned **OFF**.

- **Automatic IMMOBILIZER ACTIVATION is signalled by some SHORT SIGNALS OF THE BUZZER COMBINED WITH FLASHES OF THE LED.**

With automatic IMMOBILIZER ACTIVE:

A PUSH-BUTTON ALARM (for example, opening a door) causes the LED and the INDICATORS to come on and the BUZZER to SOUND continuously until the door is closed.

- The SIGNAL is repeated for at most 5 times and is then suspended.
- If the key is turned onto **ON** the door opening SIGNALS STOP.

If the key is turned onto **ON** and you try to start the vehicle:

- The engine will NOT start, the BUZZER will sound CONTINUOUSLY and the INDICATORS and LED will stay ON STEADY.
- TURNING the key back onto **OFF** there will be some SHORT SIGNALS of the BUZZER combined with flashes of the LED.
- The LED is now flashing.

If the key is again turned onto **ON** and you try to start the vehicle:

- The engine will NOT START, the ALARM is ACTIVATED, FLASHING THE INDICATORS and the LED until the key is turned **OFF**.

To START UP the ENGINE, DEACTIVATE the system with the remote control or run the EMERGENCY procedure (page 4).

CAUTION: Using the PIN - CARD with the secret emergency code causes automatic IMMOBILIZER activation with a time lag of 10 minutes.

C. EXCLUDED

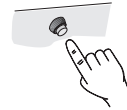
The automatic IMMOBILIZER ACTIVATION option can be excluded by the INSTALLER, with the relevant PROGRAM, only if no provision has been made for installing the **med** IMMOBILIZER or the electrical cut-outs with the **med 3000** alarm unit.

INSTALLER PROGRAMS (8 [+ 15] ON - OFF) FOR:

TIMED STATUS OUTPUT SELECTION

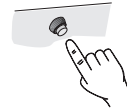
This permits selecting the "status output" control for a duration of 10, 20, 30 or 45 seconds on activating the system. (standard 10 seconds). To control window winding **AZC 130** or supplementary modules. Negative output, **700 mA** maximum.

9 PULSES



- TREBLE/BASS TWO-TONE SIGNAL (BEEP)
- FLASHING LED (red warning light)

9 PULSES



- BASS/TREBLE TWO-TONE SIGNAL (BEEP)
- FLASHING LED (red warning light)

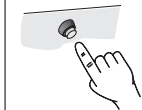
FIXED STATUS OUTPUT SELECTION

This permits keeping the status signal present until the system is deactivated. Suitable for connection with the **med GLOBAL** system, **SEN 077-02** or the window-winding module. Negative output, **700 mA** maximum.

STANDARD SETTING

NEGATIVE STATUS SIGNAL OUTPUT TIME SELECTION (AFTER THE "TIMED STATUS OUTPUT" SELECTION)

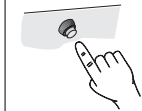
11 PULSES



1 SHORT SIGNAL of BUZZER and LED for:
10 seconds
STANDARD SETTING



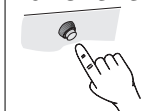
12 PULSES



2 SHORT SIGNALS of BUZZER and LED for:
20 seconds



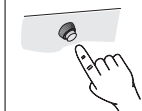
13 PULSES



3 SHORT SIGNALS of BUZZER and LED for:
30 seconds



14 PULSES



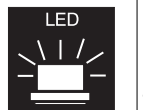
4 SHORT SIGNALS of BUZZER and LED for:
45 seconds



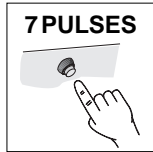
SIGNALS FOLLOWED BY ADDITIONAL CONFIRMATION

- CONTINUOUS TONE OF THE BUZZER
- FLASHING LED (red warning light)

procedure to enter PROGRAMMING: page 12.



INSTALLER PROGRAMS (8 [+ 15] ON - OFF) FOR:

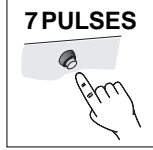


ALARM ACTIVATION ON DOOR LOCKING (AFTER REJECTION SIGNAL)

If we activate the system with a door open, connected to the **N/O** (instantaneous) input or "read" via "CAN", the system gives the rejection signal (page 3).
With this function active, on locking the door, the **med 3000** system is activated.



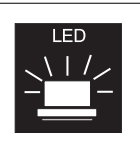
- BASS/TREBLE TWO-TONE SIGNAL (BEEP)
- FLASHING LED (red warning light)



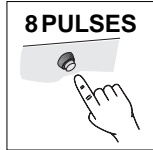
EXCLUSION OF ALARM ACTIVATION ON DOOR LOCKING

To activate the system with the door open, after the rejection signal due to the door open it is necessary to close the door and press the remote-control button again.

STANDARD SETTING

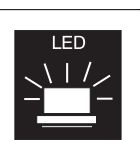


- TREBLE/BASS TWO-TONE SIGNAL (BEEP)
- FLASHING LED (red warning light)

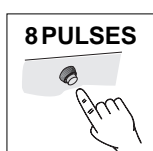


PRE-ALARM FUNCTION

This enables the pre-alarm function, ie. with the system activated opening and closing the driver's door within 3 seconds does not cause an alarm.
Only recommended in combination with **med 64**. See page 6.



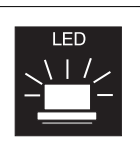
- BASS/TREBLE TWO-TONE SIGNAL (BEEP)
- FLASHING LED (red warning light)



EXCLUSION of PRE-ALARM

Opening any door, with the system activated for at least 30 seconds, immediately causes an alarm.

STANDARD SETTING



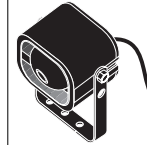
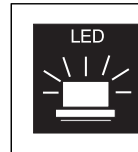
- TREBLE/BASS TWO-TONE SIGNAL (BEEP)
- FAST LED FLASHING (red warning light)

procedure to enter PROGRAMMING: page 12

RADAR SENSOR ANTI-BLINDING AND ANTI-MASKING

The ANTI-BLINDING and ANTI-MASKING functions of the radar sensor make it possible to monitor the transducers (**MTR 2000**) and their electrical connections. DETECTION of TROUBLE is indicated:

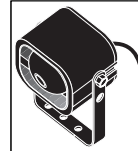
- **BY SHORT SIGNALS, FOLLOWING SYSTEM ACTIVATION:**



- LED (red warning light)
- SIREN SIR 027
- VEHICLE HORNS

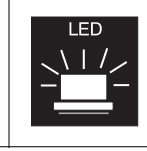
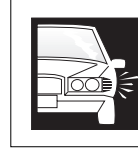
CAUTION:

- RADAR SENSOR exclusion also involves EXCLUDING this function.
- If the system is NOT DEACTIVATED, the alarm unit will activate a complete alarm CYCLE, to then automatically exclude the RADAR SENSOR.
- **AFTER AN ALARM CYCLE:**



SELF-POWERED SIREN - SIR 027

- VEHICLE HORNS



- INDICATORS
- LED (red warning light)

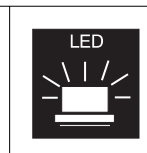
COMPLETE ALARM CYCLE, repeated for at most 10 times, if the cause persists.
med 3000.B WITHOUT RADAR SENSOR

RADAR SENSOR MOMENTARY EXCLUSION PROGRAM

The internal volumetric RADAR sensor can be EXCLUDED with the following PROGRAM:

With the system DEACTIVATED and KEY turned OFF (panel off):

1. Open a door: the LED comes on steady (if not, turn the key once (ON - OFF)).
2. Keep the LED/PUSH-BUTTON pressed for approximately 2seconds.
3. Confirmation of exclusion from:



- TREBLE/BASS TWO-TONE SIGNAL (BEEP)
- FAST LED FLASHING (red warning light)

The RADAR sensor is now excluded until the next time the key is put in (+15 ON).

CAUTION: By excluding the RADAR sensor, window winding is not controlled.

PROGRAMS THE USER CAN SET (with no. 4 [+15] ON - OFF)

No. of pulses	DESCRIPTION	page
5	OUT OF SERVICE	13
5	RESTORING SERVICE	
7	CUSTOMIZING THE SOUND OF THE ALARM SIREN WITH SIR 027 (OPTIONAL)	13
9	ACCIDENTAL DEACTIVATION PREVENTION	14
9	ACCIDENTAL DEACTIVATION PREVENTION EXCLUSION	
11	PERMANENT EXCLUSION OF SOUND SIGNALS FOR SYSTEM ACTIVATION / DEACTIVATION	14
11	RESETTING SOUND SIGNALS FOR ACTIVATION / DEACTIVATION OF SYSTEM WITH SIR 027 (OPTIONAL)	

No. of pulses	DESCRIPTION	page
1	VEHICLE TYPE 1	25
2	VEHICLE TYPE 2	
3	VEHICLE TYPE 3	
4	VEHICLE TYPE 4	
•	SELECTION TYPE	
•	VEHICLE	
n	VEHICLE TYPE n	

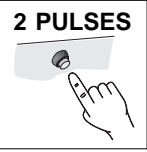

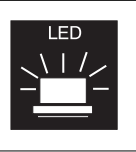
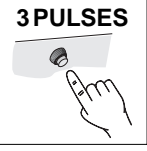

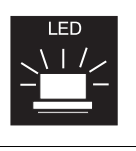
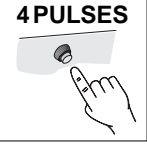

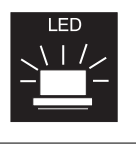
If the power supply fails, the set PROGRAMS stay in memory.

PROGRAMS THE INSTALLER CAN SET (with no. 8 [+15] ON - OFF)

No. of pulses	DESCRIPTION	PAGE
RADAR SENSOR SENSITIVITY ADJUSTMENT		
2	LOW	15
3	MEDIUM - STANDARD setting	
4	HIGH	
ACTIVATION/DEACTIVATION INDICATOR FLASHING		
6	EXCLUSION	15
6	RESETTING - STANDARD setting	

INSTALLER PROGRAMS (8 [+ 15] ON - OFF) FOR:

RADAR SENSOR SENSITIVITY ADJUSTMENT


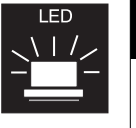
 <p>2 PULSES</p>	<p>2 SHORT SIGNALS of BUZZER and LED for: <u>LOW SENSITIVITY</u></p>	 
 <p>3 PULSES</p>	<p>3 SHORT SIGNALS of BUZZER and LED for: <u>MEDIUM SENSITIVITY</u> STANDARD SETTING</p>	 
 <p>4 PULSES</p>	<p>4 SHORT SIGNALS of BUZZER and LED for: <u>HIGH SENSITIVITY</u></p>	 

SIGNALS FOLLOWED BY ADDITIONAL CONFIRMATION

<ul style="list-style-type: none"> - CONTINUOUS BUZZER TONE - FLASHING LED (red warning light) 	 
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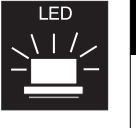
6 PULSES INDICATOR FLASHING EXCLUSION ON ACTIVATING/DEACTIVATING THE SYSTEM

This makes it possible for **med 3000** to exclude indicator flashing. Recommended only for vehicles where the indicators are controlled by the original system.

 	<ul style="list-style-type: none"> - TREBLE/BASS TWO-TONE SIGNAL (BEEP) - FLASHING LED (red warning light)
---	--

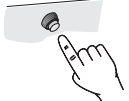
6 PULSES RESETTING INDICATOR FLASHING ON ACTIVATION/DEACTIVATION

Restores control to the indicators on ACTIVATING and DEACTIVATING **med 3000**. **STANDARD SETTING**

 	<ul style="list-style-type: none"> - BASS/TREBLE TWO-TONE SIGNAL (BEEP) - FLASHING LED (red warning light)
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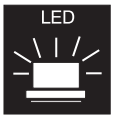
USER PROGRAMS (4 [+ 15] ON - OFF) FOR:

9 PULSES



ACCIDENTAL DEACTIVATION PREVENTION


After ACTIVATING this function, every time the system is DEACTIVATED with the REMOTE CONTROL but NO ONE gets into the car within 40 seconds, the entire system is AUTOMATICALLY REACTIVATED.

- **BASS/TREBLE TWO-TONE SIGNAL (BEEP)**
- **FLASHING LED (red warning light)**

N.B. Push-buttons of doors, bonnet and boot MUST be connected to avoid unwanted SYSTEM reactivation. ACTIVATION of this function PROTECTS against UNWANTED OPERATION of the remote control.


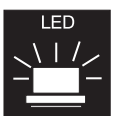
9 PULSES



ACCIDENTAL DEACTIVATION PREVENTION EXCLUSION


This permits DEACTIVATING this additional PROTECTION.

CAUTION: On some vehicles, this function is implemented by the original system, preventing its deactivation, or implementing it in a different time to the one given (40 seconds). **STANDARD SETTING**


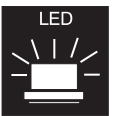
- **TREBLE/BASS TWO-TONE SIGNAL (BEEP)**
- **FLASHING LED (red warning light)**

11 PULSES



PERMANENT EXCLUSION OF THE SOUND SIGNALS FOR ACTIVATION/ DEACTIVATION WITH SIR 027


PROGRAMMING makes it possible to DISABLE the SOUND SIGNALS when ACTIVATING and DEACTIVATING the SYSTEM, while keeping the visual signals with the LED and indicators, if they are not being controlled by the vehicle.

- **TREBLE/BASS TWO-TONE SIGNAL (BEEP)**
- **FLASHING LED (red warning light)**

CAUTION:
ALL the OTHER SERVICE SIGNALS stay ENABLED: ALARM MEMORY, PROGRAMMING etc.

11 PULSES



RESETTING SOUND SIGNALS FOR ACTIVATION/DEACTIVATION WITH SIR 027

This REACTIVATES the sound signals when activating and DEACTIVATING the SYSTEM. **STANDARD SETTING**




- **BASS/TREBLE TWO-TONE SIGNAL (BEEP)**
- **FLASHING LED (red warning light)**

procedure to enter PROGRAMMING: page 12

PROGRAMS THE INSTALLER CAN SET (with no. 8 [+15] ON - OFF)		
No. of pulses	DESCRIPTION	PAGE
7	ALARM ACTIVATION ON DOOR LOCKING EXCLUSION - STANDARD setting	16
7	RESTORING	
8	PRE-ALARM FUNCTION ACTIVATED	16
8	EXCLUDED - STANDARD setting	
9	FIXED/TIMED STATUS OUTPUT SELECTION TIMED NEGATIVE STATUS SIGNAL	17
9	FIXED - STANDARD setting	
11	STATUS SIGNAL TIME IF TIMED 10 SECONDS - STANDARD setting	17
12	20 SECONDS	
13	30 SECONDS	
14	45 SECONDS	
16	AUTOMATIC IMMOBILIZER ACTIVATION at 5 minutes	18
17	EXCLUDING automatic activation of IMMOBILIZER	
18	AUTOMATIC IMMOBILIZER ACTIVATION IMMEDIATE	
19	ALARM OUTPUT SELECTION CONTINUOUS	18
19	INTERMITTENT - STANDARD setting	
20	ACCIDENTAL DEACTIVATION PREVENTION EXCLUSION - STANDARD setting	19
20	RESTORING	
21	OPERATING TESTS RADAR SENSOR	19
22	DOOR, BONNET AND BOOT BUTTONS	21
23	RADAR SENSOR PERMANENT EXCLUSION/RESET EXCLUSION	22
23	RESETTING - STANDARD setting	
24	ANTI-BLINDING and ANTI-MASKING FUNCTION PERMANENT EXCLUSION/ RESET of RADAR SENSOR EXCLUSION	22
24	RESETTING - STANDARD setting	
26	RESETTING the ORIGINAL CONDITIONS PROGRAMMED by med setting STANDARD VALUES - RESETTING the CONTROL UNIT	23
30	IMMOBILIZER WITH DIGITAL CONTROL REPLACING the med 3000 control unit if combined with IMMOBILIZER with DIGITAL control (for example med 30 or med 58.xD)	24

The set PROGRAMS stay in MEMORY when there is no power supply

PROCEDURE TO ENTER PROGRAMMING

It is possible to have TWO different kinds of PROGRAMMING:

USER : concerning system use.

INSTALLER : for interfacing the system with the vehicle.

With the system DEACTIVATED and the KEY OFF (panel off):

USER PROGRAMMING (with title on WHITE BACKGROUND)

1. Turn the key ON (panel on) and OFF (panel off) **4 times** in all (ON - OFF, ON - OFF, ON - OFF, ON - OFF) ending with the key OFF.

After this, check the status of the LED and BUZZER:

- if within 2 seconds there are no signals, wait at least 10 sec. and repeat point 1;
- if the LED initially FLASHES then stays on STEADY and the BUZZER BEEPS intermittently, the alarm unit has entered the USER PROGRAMMING phase.
- then pass on to point 2.

INSTALLER PROGRAMMING (with title on GREY BACKGROUND)

1. Turn the key ON (panel on) and OFF (panel off) **8 times** in all (ON - OFF..... ON - OFF) ending with the key OFF.

N.B: FOR SELECTING VEHICLE TYPE ONLY: Turn the key **12 times** in all ON-OFF, ending with the key OFF.

After this, check the status of the LED and BUZZER:

- if within 2 seconds there are no signals, wait at least 10 sec. and repeat point 1;
- if the LED initially FLASHES then stays on STEADY and the BUZZER BEEPS intermittently, the alarm unit has entered the INSTALLER PROGRAMMING phase.

then pass on to point 2.

2. With the alarm unit on PROGRAMMING the LED is ON STEADY.
3. **Carry out the required programming, pressing the LED/PUSH-BUTTON (with each valid pulse the LED goes out for approximately 1/2 second and the BUZZER BEEPS).**
4. After the first PROGRAMMING:
 - If with a short time lag the LED and BUZZER indicate the sequence given on the specific PROGRAMMING page, it is possible to set a new one.
 - If within 2 seconds there are NOT the required signals, it is necessary to repeat PROGRAMMING from point number 2.
5. To end the procedure and make the set PROGRAM ACTIVE, or to break off the procedure, turn the key ON (panel on) and OFF (panel off) once (ON - OFF) ending with the key OFF.

CAUTION:

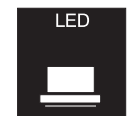
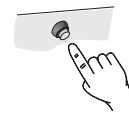
- It is ONLY possible to access the PROGRAMMING phase with the system AT REST (deactivated).
- In the case of power to the alarm unit being cut off, ALL the activated PROGRAMS stay in memory.

USER PROGRAMS (4 [+ 15] ON - OFF) FOR:

SYSTEM OUT OF SERVICE

RECOMMENDED in the case of the CAR STAYING in a garage, car-wash or anywhere the vehicle does not need to be protected, to avoid unintentional operation or incorrect operations by persons who are not familiar with the USE of the system.

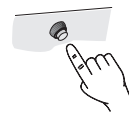
5 PULSES



- LED OFF DURING WARNING SOUND
- WARNING SOUND DECREASING

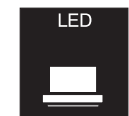
CAUTION: The system OUT OF SERVICE responds to the remote control with the rejection signal: (5 BEEPS and 5 flashes of the LED).

5 PULSES



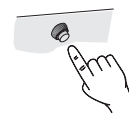
RESETTING SYSTEM SERVICE

The SYSTEM programmed OUT OF SERVICE returns fully OPERATIVE keeping ALL the PROGRAMS made previously.



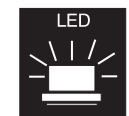
- LED OFF DURING WARNING SOUND
- WARNING SOUND INCREASING

7 PULSES



CUSTOMIZING THE SOUND OF THE ALARM SIREN WITH SIR 027

This PROGRAMMING makes it possible to CUSTOMIZE the SOUND sequence of the SIR 027 SIREN during the ALARM CYCLE. The SOUND can be varied as preferred between the two different CONFIGURATIONS available.



- WARNING SOUND INCREASING
- LED OFF DURING WARNING SOUND

The LED and the CONTINUOUS BEEP come back on to indicate siren sound PROGRAMMING has been entered, for a duration of 25 seconds. Each PULSE on the LED corresponds to a CHANGE in the sound of the BUZZER and the STATUS of the LED (ON or OFF), indicating the different sound set until the end of the ALARM cycle.

CAUTION:

- The sound sequence set HOLDS until the same procedure is REPEATED to change it, or the system is RESET by the installer.
- PROGRAMMING is NOT CUT OFF during execution.

