

1.0 - PRELIMINARY ADVICE.....	PAGE 03
USER MANUAL	
2.0 - OPERATING DESCRIPTION.....	PAGE 03
2.1 - Complete system arming.....	PAGE 03
2.2 - System arming with sensor and comfort control exclusion.....	PAGE 03
2.3 - Passive arming.....	PAGE 03
2.4 - Arming inhibit time.....	PAGE 03
2.5 - System armed.....	PAGE 04
2.6 - Alarm, inhibit time between alarms and alarm cycles.....	PAGE 04
2.7 - System disarming.....	PAGE 04
2.8 - Emergency disarming by electronic key.....	PAGE 04
2.9 - Alarm memory.....	PAGE 04
3.0 - WARRANTY CONDITIONS.....	PAGE 05
4.0 - WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE) DIRECTIVE.....	PAGE 05
INSTALLER MANUAL	
5.0 - CONNECTORS TABLES.....	PAGE 06
5.1 - 20-way connector.....	PAGE 06
5.2 - 8-way connector.....	PAGE 06
6.0 - COMPLETE ELECTRIC DIAGRAM.....	PAGE 07
7.0 - CONNECTION FOR TURN SIGNALS ACTIVATION.....	PAGE 08
7.1 - Standard connections.....	PAGE 08
7.2 - Connections for vehicles with separate lines.....	PAGE 08
7.3 - Connection to hazard push-button.....	PAGE 08
8.0 - SELECTION OF CONNECTIONS TO ARM/DISARM THE SYSTEM.....	PAGE 09
8.1 - Connections and management by CAN-BUS line.....	PAGE 09
8.2 - Connections to door lock motor unit.....	PAGE 09
8.3 - Connections to turn indicators.....	PAGE 09
8.4 - "Mixed" connection option.....	PAGE 09
9.0 - VEHICLE CODE PROGRAMMING.....	PAGE 10
10.0 - SELF-LEARNING OF TURN INDICATORS FLASHES.....	PAGE 11
11.0 - SYSTEM PROGRAMMING.....	PAGE 12
11.1 - Optical signals.....	PAGE 12
11.2 - Acoustic signals.....	PAGE 12
11.3 - Passive arming.....	PAGE 12
11.4 - Enabling siren (art. 772 output).....	PAGE 12
11.5 - Door switch polarity selection.....	PAGE 12
11.6 - Optical pulse signal/self-powered siren.....	PAGE 12
11.7 - Negative output selection (during alarm) for horns or additional siren...	PAGE 13
12.0 - SYSTEM PROGRAMMING EXAMPLE.....	PAGE 13
13.0 - ADDING NEW DEVICES.....	PAGE 14
14.0 - DELETING PROGRAMMED DEVICES.....	PAGE 15
15.0 - ULTRASONIC VOLUMETRIC PROTECTION.....	PAGE 16
15.1 - Connections and positioning.....	PAGE 16
15.2 - Sensor adjustment.....	PAGE 16
16.0 - SYSTEM RESET.....	PAGE 16
17.0 - TECHNICAL SPECIFICATIONS.....	PAGE 17

1.0 - PRELIMINARY ADVICE

Dear Customer, the present manual illustrates the most fully featured alarm system; not all functions, electrical connections etc. will therefore apply to all models.

Before installing, identify your alarm model and refer to it for the correct instructions

GEMINI 932: same as 933 without self-powered battery.

The following signs, intended for the installer or the user, indicate particular functions or connections as follows:

**For the user.**

This sign highlights useful information.

**For the installer.**

This sign indicates that the system will work according to the connections and the programming selected or it simply provides useful installation tips.

USER MANUAL**2.0 - OPERATING DESCRIPTION****2.1 - COMPLETE SYSTEM ARMING**

Press the lock button on the vehicle original remote control; system arming is confirmed by a siren chirp (if feature has been modified) and a flash of the turn indicators.

The system has a 30" pre-arming "neutral time" (indicated by the LED turned on steady)

2.2 - SYSTEM ARMING WITH SENSOR AND COMFORT CONTROL EXCLUSION

The driver can arm the system and exclude the internal volumetric protection and comfort function. To activate this feature, the system should be disarmed and the ignition key turned "OFF" position; proceed as follows.

- Show the electronic key to its receptacle; the LED gives out a quick flash
- Close all vehicle doors and press the lock button on the original remote control

System activation is confirmed by the standard optical/acoustic signals



Exclusion of sensors and comfort feature is bound to each single arming cycle.

2.3 - PASSIVE ARMING

When this function is programmed, the system passively arms approx. 60" after ignition switch off and after the last door is closed.

System activation is confirmed by the standard optical/acoustic signals.



If passive arming is activated, functioning of internal sensors and comfort output (automatic window roll-up) are excluded.
Opening a door 60" before the system is armed causes the procedure to interrupt; it is resumed once the door is closed.

2.4 - ARMING INHIBIT TIME

System inhibit arming time lasts approximately 30" and is signalled by the LED on; it is possible to exit the vehicle without triggering any alarm

