



# 822 823 / 24V

## USER MANUAL



Made in Italy

AVS: Rev 08/16

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**1.0 - PRELIMINARY ADVICE**

Dear Customer, the present manual illustrates the top version of the 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 822:** same as 823 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.

**USER MANUAL****2.0 - OPERATION****2.1 - COMPLETE SYSTEM ARMING**

Press the lock button on the original remote control of the vehicle.

System arming is confirmed by a siren chirp (if feature status 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**

This function allows arming the system while excluding internal volumetric protection, external sensors (infrared wireless) and comfort feature.

To activate this function, the system should be disarmed and the ignition key turned to the "OFF" position; proceed as follows.

- With doors opened: insert the electronic key into its receptacle, close vehicle doors and press the lock button on the original remote control.
- In both cases the system will be armed but only in the second case will the vehicle be also locked.



Sensors and comfort function exclusion is bound to each single arming cycle.

### **2.3 - PASSIVE ARMING**

If this function is programmed, the system passively arms approx. 60" after switching ignition OFF and after opening and closing the last door.

System activation will be confirmed by the regular optical/acoustic arming signal.



In case of passive arming, internal sensors and comfort output (automatic window roll-up) will be excluded.  
Opening a door 60" before the system is armed temporarily interrupts the procedure which will resume once the door is closed.

### **2.4 - ARMING INHIBIT TIME**

The inhibit arming time lasts approximately 30" and is indicated by the LED turned ON; it is possible to exit the vehicle without triggering any alarm.

### **2.5 - SYSTEM ARMED**

After the inhibit time the system is "armed" and ready to detect any theft attempt. When the system is fully armed, the LED flashes.

### **2.6 - ALARM, INHIBIT TIME BETWEEN ALARMS AND ALARM CYCLES**

The system will indicate theft attempts by optical/acoustic signals.

After an alarm is triggered, but before another alarm cycle starts, there is a 5 sec. "neutral time".

An alarm event can generate up to 10 alarm cycles of 30" each for each input and for each arming cycle.

### **2.7 - SYSTEM DISARMING**

Press the unlock button on the vehicle original remote control.

Disarming is confirmed by 2 siren chirps (if feature status has been modified) and 2 flashes of the turn indicators.

An alarm condition is signalled by 5 acoustic signals (if feature status has been modified) and 5 flashes of the turn indicators.

The various alarm causes and relative LED signals are detailed in paragraph (2.9).

### **2.8 - EMERGENCY DISARMING BY ELECTRONIC KEY**

This disarming mode is used for "EMERGENCY DISARMING" and "TOTAL DISARMING".

Touching the electronic key to its receptacle disarms and switches off the system which will not rearm if the remote control is used.



To restore normal operation, touch the electronic key to its receptacle.  
A quick chirp and a flash of the status LED will confirm that the system is back to normal mode.

## 2.9 - ALARM MEMORY

Five flashes of the turn indicators and five beeps (siren chirps, if feature status has been modified) upon disarming warn that the alarm has been triggered in your absence.

To identify the last cause of alarm, turn ignition ON and count the number of flashes of the status LED. Optical signals are repeated 3 times in a row; to interrupt, turn ignition key "OFF".

The table below lists the various alarm causes and relative number of LED flashes.

LED FLASHES	ALARM CAUSES	ALARM CYCLES
* * * ● * * *	Ignition attempt (+15/54)	10
* * * * ● * * * *	Door opening	10
* * * * * ● * * * * *	Bonnet opening	10
* * * * * * ● * * * * *	Boot opening	10
* * * * * * * ● * * * * * *	Volumetric or external sensor	10
* * * * * * * * * * ● * * * * * * * * * *	Wire tampering	10
● LED OFF (2 seconds)    * LED ON (1 second)		

## 3.0 - WARRANTY CONDITIONS

This product is guaranteed to be free from manufacturing defects for a period of 24 months from the installation date shown on this warranty, in compliance with the Directive 1999/44/CE.

Please fill-in entirely the guarantee certificate included in this booklet and do NOT REMOVE the guarantee label from the device.

The warranty will become void if labels are missing or torn, if the installation certificate is not fully compiled or if the enclosed sale document is missing.

The guarantee is valid exclusively at authorized Gemini Technologies S.p.A. Service Centers.

The manufacturer declines any responsibility for eventual malfunctions of the device or any damage to the vehicle electrical system due to improper installation, use or tampering.

This alarm system is solely intended to be a theft-deterrent device.

## 4.0 - WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE) DIRECTIVE

The present device does not fall within the scope of Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE) as specified in art. 2.1 of L.D. no. 151 of 25/07/2005.

## 17.0 - TECHNICAL SPECIFICATIONS

Power supply 823 - 822	12 Vdc
Current absorption @ 12Vdc with system armed and LED flashing	15mA
Working temperature range	From -30°C to +70°C
Turn signals relay contact capacity	8 A at 20°C
Engine immobiliser relay contact capacity	8 A at 20°C
Alarm cycle duration	30 sec.
Maximum positive current output when armed (+A)	700 mA
Additional siren output current capacity	1 A



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UK Distributors of the Gemini Alarm Systems

AVS reserve the right to effect changes to the product without further notice. E&OE

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