5. - WARRANTY CONDITIONS

This product is guaranteed for 24 months from the date of purchase, validated by receipt or invoice. The warranty will be null and void if the product shows signs of tampering, incorrect installation, damage caused by falling or transport, negligence and anything else not imputable to manufacturing defects.
In the event of improper installation of the system, the manufacturer shall not be liable to compensate for damages:

- of any kind and direct or indirect;
- to things or to persons.

To benefit from warranty coverage, contact your authorized dealer with adequate documentation showing the date of purchase.

The manufacturer shall not be liable for any faults or malfunctions in the anti-theft device and/or in the electrical system of the vehicle due to incorrect installation and/or to failure to comply with the indicated technical specifications. The system must only be considered as a deterrent agaist theft attempts.

6. - DECLARATION OF CONFORMITY

Cobra Automotive Technologies
CAT-VA

Declaration of Conformity

The manufacturer hereby declares, at its sole responsibility, that the product:

Description:	Wireless alarm system for automotive application
Model:	4600
Type:	4600 family with siren type 5365

is in conformity with the essential requirements of the R&TTE Directive 1999/5/EC.
The product has been tested against the following standards and specifications:

EMC :	ECER10
Health and Safety:	Relevant tests of ECER116 Regulation
	EN50371
Radio Spectrum:	EN 300 220-1
	EN 300 220-2

and declares that the:

TRANSMITTER Model 2781 and Model 7777

conform to the essential requirements of the Radio and Telecommunication Terminal Equipment

Directive 1999/5/EC in accordance to the following relevant standards and Directives:

Radio:	EN 300 220-1/2
EMC:	EN 301 489-1/3
Health & Safety:	EN 60950
	EN 50371

The products are marked with the following CE marking and Notified Body number according to the Directive 1999/5/EC:

2010-09-22
Dario Parisi
Products Homologation Engineer
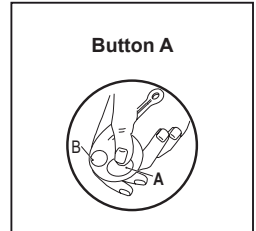Tel +39 0332 825111

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THE FULL USER MANUAL IS AVAILABLE ON-SITE WWW.COBRA AT.COM AT LINK "DOWNLOAD USER MANUAL".

1. - ARMING AND DISARMING WITH THE VEHICLE ORIGINAL REMOTE CONTROL OR WITH THE COBRA REMOTE CONTROL (optional)

To arm the system press the door locking pushbutton of the vehicle original remote control or the "A" pushbutton of the Cobra remote control.

Button A

The arming status is confirmed by:

• vehicle doors locking (only mod. 4627, with the Cobra remote only if the CDL connections have been made);
• audible signals (if activated);
• flashes of the direction lights;
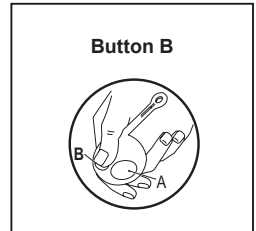• LED of the emergency panel illuminated.

The protection features of the system become active after a 25 s arming period has elapsed (when the LED of the emergency panel starts blinking).

To disarm the system press the door unlocking pushbutton of the vehicle original remote control or the "B" pushbutton of the Cobra remote control.

Button B

The disarming status is confirmed by:

• vehicle doors unlocking (only mod. 4627, with the Cobra remote only if the CDL connections have been made);
• audible signals (if activated);
• flashes of the direction lights;
• LED of the emergency panel OFF.

Note: if also the Driver Card (optional) is provided it will be also possible to arm and disarm the system by pressing its pushbutton.

The system is delivered with a set of standard functionalities (active functions). The installer is able to activate some more functionalities (programmable functions) with an impact on the security and comfort the system will offer. The following are the lists of the two groups.

2. - ACTIVE FUNCTIONS

2.1 - Interior protection with ultrasonic volumetric sensor - The system protects the vehicle interior with a volumetric ultrasonic sensor. Any attempt to get into the vehicle will be detected and the alarm will trigger.

2.2 - Perimetric protection with door open warning diagnostic - The alarm will trigger by opening any door, boot and bonnet. Should you have left any door opened while arming, the system will signal it by 3 flashes of the direction lights and 3 audible signals (5 audible signals if the arming/disarming audible signals function has been activated).

2.3 - Cable cutting protection (only for systems with back-up battery siren) - The alarm will trigger if the system is not power supplied (cutting of cables - battery disconnection) signaling the sabotage.

2.4 - Engine starting inhibition - As soon as the system is armed the engine starting is not be possible anymore.

2.5 - Arming the system with the volumetric ultrasonic protection disabled - This function allows to arm the system leaving temporarily disconnected the interior volumetric protection. The protection must be disabled any time you leave somebody or an animal in the vehicle. Also if you want to leave any window opened please disable the protection to avoid false alarms. All other protections remain active.

To disable the volumetric protection proceed as follow:

switch the engine off being sure that the ignition switch has been turned to the OFF position. Within 5 s press the emergency panel pushbutton and keep it pressed until it will flash once to confirm that the volumetric protection only has been disabled. By keeping the pushbutton pressed the system will confirm with two flashes that the additional sensor input only has been disabled, with three flashes for both of them disabled. The selected protection will remain disabled until the system will be disarmed. It will be automatically restored at the next arming.

Note: on some vehicles the system automatically disables the volumetric protection if any windows is left opened.

Ask your installer if this functionality is provided by the system fitted on your vehicle.

2.6 - Emergency panel LED - The LED main scope is to show the system arming and disarming conditions. When the system is armed the LED gets ON and remains illuminated until the 25 s arming period has elapsed. After that it starts blinking. It goes OFF as soon as the system is disarmed.

2.7 - Alarms memory - If the system has gone off (alarm on) during the arming time it will warn you with 3 flashes of the direction lights and 3 audible signals (5 audible signals if the arming/disarming audible signals function has been activated). It also stores in its memory the reason of the occurred alarm and shows it on the emergency panel LED. Count the number of flashes and check the corresponding alarm reason on the table. By turning the key ON the memory will be deleted.

LED NUMBER OF FLASHES	ALARM ROOT CAUSE
1 flash	Door opening detection.
2 flashes	Ultrasonic volumetric detection.
3 flashes	Bonnet opening detection.
4 flashes	Ignition key ON detection.
5 flashes	Boot opening detection.
6 flashes	Door opening detection.
7 ÷ 14 flashes	"Technical alarm" detection. Contact your installer.

2.8 - Emergency disarming - If the vehicle original remote control get lost or if it doesn't work, open the door with the mechanical key and turn the ignition key ON. If the system doesn't disarm automatically follow the emergency procedure described in chapter 4.

2.9 - Direction lights alarm flashes - When the system goes off (alarm ON) the siren sounds and the direction lights flash for 28 s.

3. - PROGRAMMABLE FUNCTIONS

3.1 - Activation and volume adjustment of the audible arming and disarming signaling - This function allows to activate a short audible signal to confirm the system's arming and disarming.

3.2 - Passive arming - The system will automatically arm after 30 s the ignition key has been switched off and the driver side door has been opened and closed, so 30 s after the driver has left the vehicle.

3.3 - Auto re-arming - The system will automatically re-arm if, after 115 s, it has been disarmed and no one door has been opened (nobody gets on the vehicle).

3.4 - Only for mod. 4627, auto re-arming with doors locking - As for auto re-arming, but doors will lock (if the CDL connections have been made).

3.5 - Passive engine starting inhibition - The starting inhibition becomes active after 115 s the vehicle has been switched OFF. The starting inhibition is immediately deactivated if the Driver Card (optional) is detected, or when a correct emergency PIN Code has been digit on the emergency panel. This functionality is totally independent from the other ones.

3.6 - Only for mod. 4627, comfort window closing with Cobra remote control (Cobra remote control optional) - This is a native function of the vehicle, so at first check if it is available. If not you can ask your installer to fit an additional window closing module. By keeping pressed the Cobra remote control pushbutton "A" you can close the windows from a distance.

Warning: for safety reasons we recommend to close the windows remaining close to the vehicle.

3.7 - Anti hi-jacking.
This function helps to prevent the vehicle hi-jack while driving, taking care also to the safety of the driver. If the driver isn't recognized, the system will consider him as an unauthorized person to drive the vehicle; it will generate an alert sequence and it will not allow the engine starting after it has been switched off.
During the normal usage of the vehicle the driver is recognized by the system in two ways:
- **manual (without Driver Card)**: by entering the first two Pin Code digits on the emergency panel.
  The driver must be recognized by the system every time the ignition key is switched on or when, with the ignition key on, the driver opens and closes the driver side door to get off. If the recognition doesn't happen within 60 s the LED of the system starts to flash quickly, reporting the failed recognition for further 30 s. When this time is expired, the system generates an alert sequence also if the engine is running. The engine cranking inhibition becomes active with the ignition key off, making impossible the engine running. To exit the anti hi-jack function, enter the four digits of the Pin Code.
- **automatic (with Driver Card).**
  The driver must be recognized by the system when it detects the Driver Card. If the recognition doesn't happen within 60 s the LED of the system starts to flash quickly, reporting the failed recognition for further 30 s. When this time is expired, the system generates an alert sequence also if the engine is running. The engine cranking inhibition becomes active with the ignition key off, making impossible the engine running. To exit the anti hi-jack function, the system must recognize the Driver Card. If the Driver Card is switched off, press the push-button of the Driver Card to be recognized.
Warning: to temporarily deactivate the anti hi-jack function (Driver Card broken or with flat battery), type the four digits of the Pin Code. The function will become active again by opening and closing the driver's door when the ignition key is on or by turning the ignition key ON and OFF.
Note: the function is as standard disabled in compliance with the European regulation. Its activation voids the CE homologation. It can be used only in the extra-European countries, if the functionality is not in conflict with the local rules.

3.8 - Garage mode - This function allows to temporarily disable all protection automatic functionalities of the system. It can be used, as an example, when you need to leave the vehicle at a workshop for maintenance to avoid the automatic activation of any functionality. When the garage function is active the driver is allowed to turn the ignition key on for 10 times (engine running). After 10 times the system restore all automatic functionalities.

Activation   - Open driver side door.
　　　　　　　　- Turn the ignition key ON.
　　　　　　　　- Enter the complete emergency PIN Code (4 digits) on the emergency panel pushbutton.
　　　　　　　　- A flash of the direction lights confirms the activation.
Deactivation   - Lock then unlock the vehicle with the original remote control.
　　　　　　　　- A flash of the direction lights and an audible signal confirm the deactivation.

4. - EMERGENCY OVERRIDE WITH PIN CODE

If the vehicle original remote control get lost or if it doesn't work, open the door with the mechanical key and turn the ignition key ON. If the system doesn't disarm automatically proceed as follow:
press the emergency panel pushbutton for a number of times corresponding to the first digit of the PIN Code. Each pushbutton pressure is confirmed by a quick flash of the LED. Make a longer pause to let the system understand that you've finished to enter the first digit, a longer flashing of the LED will confirm it. Do the same for the remaining digits, as soon as all four digits will be entered the system will disarm.

Press for a number of times equal to the figure in the PIN code

SIREN ON — Short flash — pause — Long flash — PIN CODE OK — ALARM SYSTEM DISARMED

Enter next PIN CODE figure