



User Guide

1) Product Description

beep&park®/keeper™ is a front and rear parking assistance system with an anti-bump alert to protect your vehicle against the all too often clumsy parking manoeuvres of other motorists in a hurry.



Datasheet :

Control screen / Digital display:

Indication of the obstacle's distance and position.

Built-in loudspeaker.

Adjustable volume.

Adjustable screen mounted on support.

Built-in diagnostics function.



Eight sensors (four front and four rear) for an optimised and consistent detection zone:

Compact sensors for installation on all models and styling compatibility.

Side-mounted metal clips for high resistance to vibrations.



On/off switch so that the horn alert can be easily disabled.





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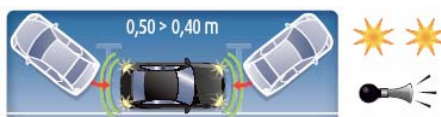
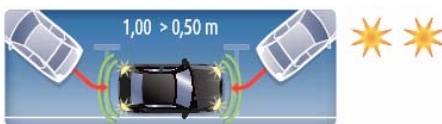
2) beep&park®/keeper™ Functionalities

2) Anti-bump alert function:

- While the vehicle is stationary, the anti-bump alert function sounds for 2 minutes when the engine is switched off.
- To prevent the system being triggered by passing pedestrians, the alert is triggered only when 2 alternate sensors have detected an obstacle
- Whenever a vehicle comes within 1 meter of the bumper, the visual and audible alerts are activated in stages, encouraging the other motorist to take extra care when parking.
- The alert system switches off once the other vehicle is parked.

3 Level Anti-bump alert function :

Approaching vehicle	Alert action
1) 1m to 50 cm	Hazard lights flash twice
2) 50 to 40 cm	Hazard lights flash twice + horn beeps once
3) < 30 cm	Hazard lights flash 4 times + horn blows (longer) once





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3) beep&park®/keeper™ Settings



1) Sensor Diagnostic Function :

- When the engine is switched on, the system tests the 4 front sensors automatically; if all of the sensors are working, no warning is triggered.
- Select reverse gear. The system tests the 4 rear sensors and the two outermost front sensors (E and H) automatically:
 - ➔ If all of the sensors are working, the system beeps once.
 - ➔ If there is a problem with any of the sensors, the system beeps 3 times.
 - ➔ The position and number of faulty sensors is displayed on the screen.
- In case of the detection of a problem, please ask an approved Auto technician to check the sensors. Replacement sensors are available as spare parts in case of a shock.



2) Screen Settings :

- You can change the orientation of the screen by simply turning it on its support.
- You can set the volume of the display by using the volume switch located at the back of the screen.



3) on/off Switch:

- You can deactivate the anti-bump function's sound signal (horn) at any time, using the on/off switch located under the dashboard



4) Vehicle equipped with a Tow Bar:

- If your vehicle is equipped with a tow bar, you will have to configure the system so that the tow bar stops being recognized as an obstacle.
- **Configuration Phase** : Within 10 seconds, select reverse gear 5 times in succession so that the obstacle is recorded as a permanent object. When reverse gear is selected for the first time, the towing system must be detected (beep, beep, beep). Reverse gear can then be selected again 4 times in succession.



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Recommendation for Use:

- beep&park®/keeper™ helps drivers in their parking manoeuvres but does not replace drivers' vigilance.
- Obstructed sensor may avoid system to function properly. Make sure that the sensors are clean and not covered with mud, snow or ice.
- If you wish to adapt the colour of the sensors to the colour of your vehicle, we have paintable sensors available as spare parts.
- Please do not modify or repair the product on your own. It may cause malfunctions as well as serious damage to the product and vehicle.
- Make sure to protect the screen and the film from liquid projections while cleaning the inside of the car. Water may cause damage to electronic circuits and cause electric shock.
- Avoid contact with chemical products and detergents as they may cause damages to the surface as well as internal component of the product.
- Avoid all mechanical shock that may cause permanent damage to electronic and electrical components and lead to a functional deteriorations
- If the system does not beep, check that the volume level is not set as minimum.
- In case of a accident, spare parts are available through your usual distribution channel.

Valeo may not be held responsible for the incorrect installation or misuse of the products.