



User Guide

1) Product Description

beep&park®/vision™ is a reverse radar system that helps motorists to park safely using a rearview camera providing drivers with audio and video information when reversing.



Datasheet:

Control screen to place on the dashboard or close the central rear-view mirror

- Colour LCD screen.
- Digital distance readout.
- Adjustable brightness and contrast.
- Detachable screen for protection from theft.
- Built-in diagnostics function



Four ultrasonic sensors

- Four rear sensors for an optimised and consistent detection area.
- Compact sensors for installation on all models and styling compatibility.
- Side-mounted metal clips for high resistance to vibrations.



One Rear camera

- Discreet mini-camera no bigger than a sensor.
- Horizontal wide angle.
- Also works in poor light (< 2 lux).



Loudspeaker

- With Adjustable volume





User Guide

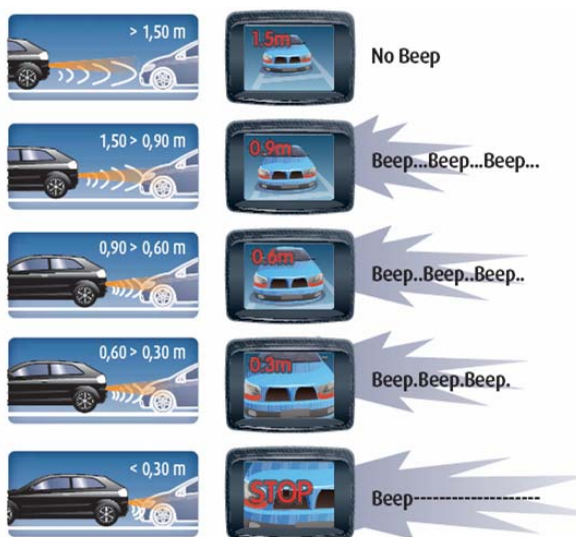
2) beep&park®/vision™ Functioning

1) Parking Assistance System :

- Each time you select the reverse gear, the **4 rear sensors** are activated to detect the presence of obstacles at the rear of the vehicle, and the rear Camera transmits information
- beep&park®/vision™ will send you an audible alert (beeps), which intensifies as much as you get closer to the obstacle, providing you with assistance during your parking manoeuvres.
- Continuous beep when being at less than **30 cm** from the obstacle.
- The Colour screen, located on the dashboard transmits the colour images from the wide angle camera to give you clear and precise vision of the rear surroundings of the vehicle
- The digital Screen located on the dashboard will indicate the distance and the localisation of the obstacles located at the rear of the vehicle (left or right)

Activation of distances and the audible alert (Park Assist):

- **Sensor detection area:** : $\leq 2,50\text{m}$
- **Distances displayed on the screen** : 1,50m to 30cm
- Audible alert activation threshold: $\leq 1.50\text{m}$
- Progressively increasing beep intensity:



Continuous beep - STOP displayed: < 30cm



User Guide

3) beep&park®/vision™ Settings

1) Sensor Diagnostic Function :



- Select reverse gear. The system tests the 4 rear sensors 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.
- 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 :

- **The screen can easily be removed from its support by simply clicking it in and out.** We recommend you to remove the screen when leaving vehicle unattended to avoid theft.
- Screen settings buttons; located at the back of the display, enable you to set image positioning, luminosity and contrast in all circumstances.
- The rear camera Also works in poor light (< 2 lux), and even at night



3) Volume Settings :

- The loudspeaker of beep&park®/vision™ is installed in the boot of your car. It is fitted with a three positions volume switch:
 - I : mute
 - II : Normal
 - III : Loud





User Guide

Recomendations for Use

- beep&park®/vision™ helps drivers in their parking manoeuvres but does not replace drivers' vigilance..
- beep&park®/vision™ cannot be fitted on vehicles equipped with a tow bar
- 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.
- We recommend you to remove the screen when leaving vehicle unattended to avoid theft.
- To maintain good visibility, make sure you keep the camera clean and avoid to place the camera in contact or close to sharp objects.
- Heavy rain, untidy camera or faulty sensor may cause image to scramble temporary.
- If you wish to connect beep&park®/vision™ with your Satellite Navigation System, ask you approved auto technician to check compatibility.
- 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 contacts with chemical products and detergents as they may case 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 at 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.