

Congratulations on your purchase of 'The Cheetah' Speed Trap Detector.

We are confident you will appreciate the features and benefits of this product. Simple to fit and easy to use, The Cheetah will provide an invaluable 'sixth sense' guide to adhering to the speed limit and keeping your licence clean. Its use is not a licence to speed, and used correctly, The Cheetah will help to make you a better and safer driver.



Hints and Tips

- The Cheetah needs to overlap the existing mirror on one side only. This is clearly marked on the rear of the unit.
- Ensure that The Cheetah sensor has a clear line of sight to the road ahead
- Blue LED indicates normal Audio Warning mode, Green LED indicates the City Mute facility is activated. (Blue = Motorway; Green = Town).
- No alarm or LED indication when passing a speed camera? This usually means that camera is not operational. Check detector functions by pressing and holding button 4 for two seconds to activate the self test function and check that volume control is not in fully 'mute' position.
- If your car is fitted with an auto-dimming rear view mirror, this will be obscured. However, The Cheetah mirror has an effective anti-glare tint and the panoramic wide angle view will help to eliminate rear blind spots.
- If detector does not power up please check the fuse in the power cord plug. The 2 amp fuse is a protection device for The Cheetah and use of a higher rated fuse could cause internal damage to your detector.
- Always remember to switch off or disconnect the detector at the end of your journey if the vehicle's cigarette lighter socket is permanently 'live'.
- When you switch The Cheetah on, it will automatically remember your previously selected modes.
- During alerts, hold down button for 1 second and then release to activate chosen function.

Power Connection

The power cord plug is inserted tightly into the cigarette lighter socket or the 2 way adaptor.

If the cigarette lighter socket in the vehicle remains 'live' after the ignition is switched off it is important that The Cheetah power is switched off or the power cord removed from the lighter socket.

Audible Alerts

K band warning: single tone alert
(GATSO cameras, hand held / van mounted radar guns)

Ka/Ku band warning: two tone alert
(Multanova, MiniGATSO cameras)

Laser: higher pitched two tone alert
(Laser guns)

Controls

- 1 Power on / off
- 2 Night mode
- 3 City Mute on / off
- 4 Additional radar bands on / off
- 5 Volume control
- 6 Power socket

LEDs

- A Power on / Night mode
- B Radar Signal strength
- C Audio Warning mode
- D Additional radar bands

Installation Guidelines



The Cheetah simply clips over the vehicle's interior rear view mirror using integrated spring clips, which are designed to fit most mirrors. Position the upper clips over the top edge of the standard mirror and gently pull The Cheetah down and in to engage the lower clips firmly into position as shown.

Please ensure that the unit is positioned so that the radar sensor overlaps the existing mirror and has a clear view of the road through the windscreen. It should not be obstructed by any screen mounted antenna, a metallic sun screen or other objects. The sensor area is clearly labelled on the rear of the detector.

NOTE Detectors installed in vehicles fitted with heat reflective, solar or heat insulating windscreens will give a reduced warning distance due to the screen's metallic content. Vehicles fitted with standard heated front windscreens, i.e. Ford models with 'Quickclear' windscreens, are unaffected.

The Cheetah is powered from the car's cigarette lighter socket. The 2-way power adaptor provided enables simultaneous use of the detector plus a mobile phone charger.

Connect the power cord into the detector's power socket (6) and run along the top edge of the windscreen and down the passenger side 'A' pillar, stowing gently under the trim panels as you go. Run the cord round the outer edge of the dashboard (ensuring no snagging with door operation) into the passenger footwell area and on to the cigarette lighter position. The power cord provided is sufficiently long to run discreetly in large cars or vans, meaning there will usually be some excess cord in the average car. By running the cord from the mirror first, any excess can be easily wound and stowed underneath the glovebox and held in place out of sight with adhesive tape if required.

Ensure you do not interfere with any vehicle electrical or safety systems, such as head airbags, when stowing the power cord.

On-The-Road

When The Cheetah encounters a radar signal, the Audio Warning mode LED in the lower panel will flash, the Radar Signal strength LEDs will illuminate one by one and an audible signal will be emitted. The faster the beeping, the closer you are to the radar source. The audible level can be adjusted by the rotary volume control (5) – note when turned fully clockwise the volume control is in fully 'mute' position. When The Cheetah encounters a laser signal, the Power on / Night mode LED will flash.

City Mute

When the City Mute facility is activated (Green LED), The Cheetah will give 1 second of audible warning for each signal detected and then become silent, but the warning LEDs will continue to function as normal. For motorway use ensure the unit is restored to the normal operating mode (Blue LED) and the volume control set to a comfortable audio level.

Night Driving

When driving at night, the unit can be switched to 'Night mode' (button 2). This switches off all but one of the LEDs, which will flash discreetly every 10 seconds to reassure the driver that The Cheetah is monitoring the road ahead. Audible warnings and confirmation tones operate as normal. When a radar signal is detected, the Audio Warning mode LED will also flash as normal, quickening as you approach the signal source.

Warranty

Your detector is supplied with a 2 year repair or exchange warranty at the discretion of Cheetah Advanced Technologies Ltd. The warranty is limited to the original purchaser and is not assignable or transferable to a third party. This warranty does not apply if the product has been subjected to physical abuse, improperly installed, modified or if the serial number on the housing has been removed, altered or defaced. Please retain proof of purchase and note the serial number as this must be quoted if the unit is returned for any reason. We recommend that you retain the original packaging for any requirement to return the product. Cheetah Advanced Technologies Ltd accept no liability for any direct, indirect or consequential claim arising from the use or misuse of this product or from any incident arising from an installation that inhibits the correct operation of an airbag or any other vehicle system.

Technical information

When powering up, The Cheetah will perform a quick self test of detector functions, after which the Audio Warning mode LED will indicate the selected Audio Warning mode. When power is applied, The Cheetah will automatically restore the user selections that were active before the power was last removed. The full self test procedure can be activated at any time, and in any mode, by holding down button 4 for 2 seconds. This will simulate the full range of alarm conditions displayed within the selected mode for each type of detected signal in the following order: K band, Ka+Ku band and Laser.

K band and Laser detection will always remain active. Ka+Ku band detection can be switched on and off together by pressing button 4.

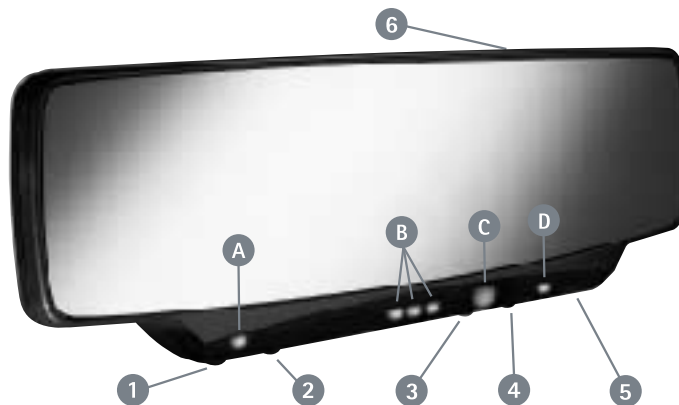
During radar alerts, the Audio Warning mode LED will flash, accompanied by the Radar Signal strength LEDs. As the signal becomes stronger, the flashing of the Audio Warning mode LED will quicken and the Radar Signal strength LEDs will illuminate one by one. The Radar Signal strength LEDs are disabled when Night mode is selected, but the Audio Warning mode LED will flash as normal during a radar alert.

Other radar signals from traffic lights and automatic door systems at petrol stations and supermarkets may trigger warning signals, because they operate at the same frequency as speed trap cameras. During city driving, these false alarms can be significantly reduced by activating the City Mute function, button (3).

During any alert, functions can be still be activated/deactivated by holding down the required button for 1 second then releasing.

Please be aware that NO laser detector can fully guarantee sufficient warning of laser equipment in every case. Receiving a laser warning could mean that the vehicle's speed has already been recorded. During laser alerts, only the Power on / Night Mode LED will flash. The signal strength LEDs do not illuminate during a laser alert as the Laser is either on or off.

It is possible to hard wire the power cord into the car's electrical supply, providing a 2 amp in-line fuse is correctly fitted.



| BUTTON | LED | LED COLOUR | AUDIBLE WARNING |
|--------|----------------------------|--|---|
| 1 | A - Power on / Night mode | Yellow | 3 confirmation tones during power on. |
| 2 | A - Power on / Night mode | Yellow, flashes discreetly 3 times every 10 seconds during Night mode. | Night mode on - Single tone Night mode off - Double tone |
| 3 | B - Radar Signal strength | Green then Amber then Red | Increasing intensity of warning tone |
| 4 | C - Audio Warning mode | Green - Town setting, City Mute active. Blue - Motorway setting | City Mute on - Double tone City Mute off - Single tone |
| 5 | D - Additional radar bands | Yellow indicates Ka + Ku On | Additional radar bands on - Double tone Additional radar bands off - Single tone |