

Cheetah

c550

QUICK START GUIDE



www.speedcheetah.com

*Thank you for purchasing
the Cheetah C550.
You made a smart choice!*



The Cheetah C550 is a GPS driver safety system to help protect you and your family, as well as your licence. It will alert you to speed and red light camera locations and many other driving hazards, to help you stay safe and ticket free.

Warranty registration and database updates

Please visit www.SpeedCheetah.com to register and update your C550.

Trinity database

The C550 is Cheetah's newest and most advanced GPS speed and red light camera detector, designed to fully maximise the potential of our Trinity 2.0 database, so it provides the widest and most detailed range of voice alerts of any GPS driver safety system on the market.

We recommend purchasing a Membership Package to keep up to date with the very latest cameras. Updating your C550 with the latest Trinity database releases via your PC is easy. If you have any questions, please visit www.speedcheetah.com for help and support.

Switching on for the first time

Insert the power plug into the vehicle's cigarette lighter socket, then connect the other end to the C550's 12v power socket. There is an illuminated ON / OFF button on the power plug.

All the LEDs will light up briefly, before displaying the database version number

Once the C550 is receiving a good GPS signal, the display will show the current time and your driving speed.

Suggested fitting locations

The C550 is small enough to install in a number of different locations.

If you install above the rear view mirror, you can tuck the power cable under the trim panels around the glass and down the A-pillar. Alternatively, you can mount the C550 on your dash using the supplied magnetic mount.



C550 special features

Individually configurable audio for each different type of alert to suit your preferences.

Custom alert distances – select different warning distances for different types of camera.

Adjustable screen brightness.

Dark mode – for stealth installations, or for night time driving, the display will only light up during an alert.

Alert mute – quickly switch off / on the audio for the current alert.

Alert cancel – quickly cancel the current alert if required.

Whisper mode – keeps the C550 quiet if you are under known speed limits.

Adjustable alert speed limit tolerance – increase the overspeed alert activation speed to suit your driving style.

Variable warning distance – automatically reduces the alert distance at slower speeds.

Personal speed limit – will play a tone each time you exceed your preset speed.

Personal locations – store up to 64 of your own locations.

Database update reminder – if you forget to update for 6 weeks, your C550 will occasionally remind you.

Optional Silent start up.

Demo mode.

Power up via PC to allow adjustment of settings.

Box contents

1 x C550

1 x power cord

1 x USB cable

1 x Magnetic dash mount

1 x Windshield mount

1 x Quick start guide

Hardware description

A Power in 12v

B micro USB socket

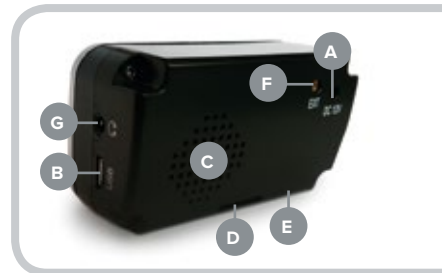
C Speaker

D Windshield bracket location

E Magnetic dash mount location (underneath)

F External GPS antenna socket

G Headphone socket



Hardware description

- A Speedometer
- B Time indicators
- C Time / Distance
- D Compass

- E Km/h indicator
- F Distance countdown
- G Distance indicator
- H Dark mode indicator



Button operation



Additional functions explanations

Volume – You can adjust the C550 volume by pressing the **Up** or **Down** buttons during normal driving or when stationary. During an alert, the Down button performs different functions as described below.

Personal locations are points that you can save in your C550's memory. You will be alerted the next time you drive towards this stored point in the same direction. You can store up to 64 personal locations. You must be driving (and have GPS lock) to be able to save a new personal location, so please ask a passenger to operate your C550 for you. To store a new personal location, press and hold the Up button when driving past the point you want to store. To delete a single personal location when driving, press and hold the Down button during the alert. You can delete all personal locations via the main menu.

Alert mute allows you to quickly mute the audio of the current alert by pressing the Down button. You can resume the current alert by pressing the Down button again. The C550 display will continue to operate as normal if you mute the current alert.

Alert cancel allows you to quickly cancel the current alert by pressing the Down button. The C550 will return to normal driving mode and will alert to the next database location as normal.

Demo mode – Press and hold Up and Down together for a few seconds to start Demo mode. You will hear a number of example alerts played.

Power on via USB – Press and hold any button when connecting the USB cable to your PC to power up the C550 and make menu changes. You may see a "USB device not recognised" warning on your PC, but your C550 will update in the normal way after you disconnect then reconnect it.

Adjusting menu items

Cycle through menu options by pressing **Menu** repeatedly.

Adjust menu settings by pressing the **Up** and **Down** buttons.

Enter sub menu settings by pressing the **Menu** button from the main menu.

Save and advance to the next menu setting by pressing the **Menu** button.

Save and exit the menu by pressing and holding the **Menu** button (or simply wait 10 seconds if you are moving).

Screen descriptions

Shown after power is turned on

Model Database version



Searching for GPS signal



Normal display



Alert display



Speed flashes above limit Distance to alert

Each countdown bar equals 100m

Storing a new personal locations



Connected to PC, ready for update



C550 menu structure

1 Display brightness

1 = Dim (ideal for night time driving)

2 = Medium

3 = Bright (ideal for daytime driving)

2 Dark mode

Dark mode switches off the display until there is an alert. One discreet LED will remain illuminated so you know the C550 is operating correctly.

During an alert, the display will function as normal. If you press any button when Dark mode is on, the display will function as normal so you make the necessary adjustments. The display will switch off again after a few seconds.

3 Whisper mode

Whisper mode keeps the audio muted when you are under the speed limit. If you go above the speed limit during an alert, normal audio will resume until you slow down again.

Whisper mode will include your speed tolerance setting. For example, if you have a speed tolerance setting of 10%, Whisper mode will be active until you are going 10% above the speed limit during an alert.

Note: If the speed limit at a stored location is not known, Whisper mode will not function and the alert will be heard as normal.

4 Custom alert distances

Custom alert distances allow you to individually adjust the warning distance for each type of alert. If you don't want to receive warnings for any particular type of alert, you can set the Custom alert distance to OFF.

We recommend that you also switch on Variable warning distance, which automatically reduces the alert distance at slower speeds.

Types of alert and options:

- Speed cameras
- Stored mobile cameras and mobile zones
- Point to point speed cameras and zones
- Point to point exits
- Safety locations
- School zones
- Information locations
- Red light cameras
- Non-ticketing cameras
- Cameras in tunnel
- Personal locations
- Opposite direction alerts
- Highway cameras

Stored mobile cameras are locations where mobile cameras are often seen. The C550 is not a radar or laser detector, so it will not “detect” a live radar or laser gun. Safety locations are used where it’s good to have some advance warning of nearby cameras, but you wouldn’t receive a ticket in your direction of travel. For example, if there is one red light camera at a 4 way junction, the 3 non-enforced directions would be Safety locations so you are aware there is an issue with red light running in another direction. Information locations are used where it’s good to have some advance warning of areas where you may want to pay extra attention, such as dangerous curves. Non-ticketing cameras are cameras that do not issue fines. Opposite direction alerts are warnings when you are driving towards an active camera, but could not receive a fine from the camera in your direction of travel. Highway cameras describe cameras on faster roads.

Important note on point to point zones: During a point to point speed zone, your average speed is calculated from the start of the zone to your current location. If the zone is very long, your average speed may be calculated between any camera or group of cameras, it would be possible to have a low average speed overall, but have a high average speed between any two points, so it’s important to always remain within the speed limit.

5 Overspeed alerts

Overspeed alerts are beeps that will be heard if you remain above the speed limit when approaching a database location. You can choose to switch these on and off for each type of

alert. If you switch off Overspeed alerts you will hear the normal warning for each alert, but you will not be notified if you exceed the speed limit when approaching a database location.

Overspeed alerts work with Continuous overspeed warning and Alert speed tolerance to fine tune how you want your C550 to operate.

6 Variable Warning Distance

Variable warning distance automatically reduces the alert distance at slower speeds.

7 Alert speed tolerance

The Alert speed tolerance allows you to increase the alert activation speed to an amount above the speed limit.

For example, if you select 10%, you will not receive any overspeed warnings until you are more than 10% above the speed limit.

Alert speed tolerance also works with Whisper mode, but Point to point speed camera zones are excluded from this feature.

8 Continuous overspeed warning

Continuous overspeed warning controls the frequency of overspeed alerts.

Switching On will give an overspeed alert regularly when you are over the limit.

Switching Off means the overspeed alert will beep just 1 time and then 1 more time if you exceed the limit during the alert. There will be a second reminder beep 75m from the stored location if you are still driving over the limit.

9 Heads-up chime

This controls the alert’s initial heads-up chime. This is the beep that plays at the start of an alert.

10 Pass chime

This controls the confirmation chime as you pass the alert location.

11 Adjust GPS speedo

If your speedo is above or below the C150's displayed speed, you can adjust the C150's accurate onboard GPS speedo to more closely match the vehicle's speedo.

12 GPS signal loss

This controls the GPS signal lost and found tones. These tones will notify you if the C550 loses its GPS signal at any time. If you want to have a completely silent start up, switch this OFF.

13 Speed units

1 = Kilometres per hour. 2 = Miles per hour.

14 Delete all personal locations

This option will erase all your stored personal locations. Press Menu to confirm your choice.

15 Restore factory settings

This option will restore the factory installed settings. Press Menu to confirm your choice.

16 Adjust Clock

If the GPS atomic clock is not displaying the correct time, you can offset it to match your current time zone.

17 Personal Speed Limit

The Personal Speed Limit function will play a tone each time you exceed this set speed. PL will be shown on the display for as long as you remain above your Personal Speed Limit. You can resume normal display by pressing the Down arrow once.

If you do not wish to use this feature, select 00.

Service

If for any reason your Cheetah product develops a fault, please check our support page on www.speedcheetah.com. If problems persist, please email support@speedcheetah.com. Please note there is a 24 - 48 hour response time for email support.

If your Cheetah product needs repair, there is no need to return this to the store. Our friendly customer service representatives will be glad to help. Do not attempt to service this product yourself. Do not open, puncture or disassemble the product.

To obtain factory service, the product must be returned to Cheetah Advanced Technologies Ltd. in its original packaging or a suitable alternative, together with a written description of the problem, proof of purchase and a return shipping address.

We cannot be held responsible for any returned product until it has been delivered to our premises. We recommend using a mail service that offers tracking and insurance.

Limited Warranty

Cheetah Advanced Technologies Ltd. warrant our products against all defects in materials and workmanship for a period of one year from the date of the original purchase, subject to the following terms and conditions.

This warranty is limited to the original owner, and is Non-Transferable.

This warranty does not apply if the serial number has been removed or is unreadable or if the product has been subjected to physical abuse, improper installation, modification or internal examination.

The sole responsibility of Cheetah Advanced Technologies Ltd under this warranty is limited to repair or, at discretion, replacement of the product.

Cheetah Advanced Technologies disclaims all other warranties, expressed or implied, including warranties of fitness for any particular purpose or merchantability.

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.

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Cheetah Advanced Technologies Ltd. declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.



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