

**TALiEX**

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[www.talex.co.uk](http://www.talex.co.uk)

**Talex Manual Guide**

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We would like to draw specifically to your attention that we will not be liable in any way in respect of:

- 1 The failure by the user of the speed camera detector to drive safely and in accordance with all road traffic laws and regulations;
- 2 The failure by the user of the speed camera detector to install and use the speed camera detector in accordance with our instructions; &
- 3 The speed camera detector failing to warn the driver of mobile speed cameras and/or fixed speed cameras.

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## Contents of Package



Talex Unit



Magnetic Mount



Car Power lead



User Manual



USB lead



Description: Talex Kit  
Part Number: TAL-08-501

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Helpline Number: 01795 518 242

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Support Email Address: [support@talex.co.uk](mailto:support@talex.co.uk)

# Specification

## TALEX Unit

- Input Voltage: 9V-24 V dc
- Current Consumption: 300 mA Max
- Speaker Output: 0.3W (16 Ohm)
- Operating Temp: -10oC - +80oC
- Dimensions 108mm(W) by 64mm (D) by 21mm (H)
- Weight: 88g

## Cigar Lighter Charger

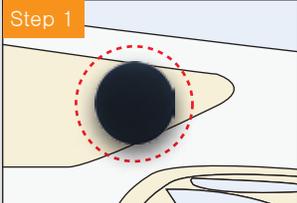
- Input Voltage: 9V = 24V
- Suitable for commercial vehicle use
- Capacity 250V, 2A (Fuse)

## GPS Engine

- Frequency L1(1575.42MHZ)
- Channel: 2D Channels
- Output Format GPS DATA available via port socket: NMEA 0183: RS232 9600 bps



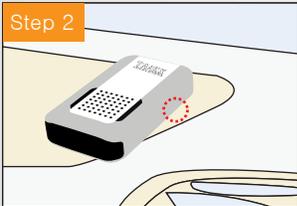
# Installation



Step 1

Remove the tape under the magnetic mount and attach on the dashboard of the vehicle. Location of the magnetic mount is important. Position it in order that TALEX has visibility of the sky.

**WARNING: Do not mount on airbags.**



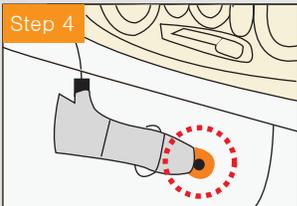
Step 2

Place the Talex unit on the magnetic mount. Select the operating mode either CAM or NORMAL. CAM mode: Fixed, Mobile and Red Light Cameras Normal mode: Fixed, Mobile, Red Light Cameras & Safety Features.



Step 3

Connect the car power lead to the POWER SOCKET on the TALEX unit.



Step 4

Connect the cigar plug into the vehicle cigar lighter socket.



Step 5

Adjust the position of the TALEX unit so that the display is visible to the driver.

Do not mount on airbags.

Ensure the volume is on.

# The Talex Unit



1. LED display
2. Enter button
3. Data download port
4. Mode selection switch

## LED display

When driving normally the LED display shows the current speed of the vehicle. When approaching a "detection zone", the LED display indicates the speed limit at fixed camera sites together with the distance to the speed camera.

## Enter button

This button displays a range of functions and data on the LED and can be used to register 'user positions'.

## Data download port

Used to download the latest database information from a PC connected to the internet.

## Mode selection switch

This switch allows the user to select the operating mode of the Talex unit.

# The Talex unit



1. Power socket
2. Volume control
3. Speaker

## Power socket

Used to provide power to the unit.

## Volume control

For adjusting the volume as required.

## Speaker

For voice and mechanical alerts.

# Operating Instructions

## 1) Installation and power

Insert the power connector of the Car Power lead into the cigar lighter socket and the mini jack into the TALEX unit in the socket marked "Power".

## 2) Mode Selection

After supplying power to the TALEX, switch to either CAM or NORMAL mode by using the slide switch on the side of the unit. NORMAL is the safe driving mode and provides 'reduce speed' warnings when overspeed i.e over 5% mph over the speed limit within 'possible mobile camera site' locations. In this mode the unit also gives hourly time checks and two hourly alerts.

CAM is the camera detection mode and will only provide one 'reduce speed' warning in 'possible mobile camera' locations.

D/L is the "Download position" and is to be used if a Subscription has been purchased and a database is to be downloaded to the unit.

## 3) Volume control

The volume of the voice warning and warning tones can be adjusted by the volume control.

## 4) Enter button

Allows various functions to be displayed and allows the user to add or remove their own positions within the TALEX unit. Please note the functions differ depending on whether the vehicle is in motion or stationary.

## General Announcements.

When the TALEX unit is switched on it will give an active chime and in 'Normal Mode' only it will announce 'Hello TALEX system active'. It will flash the internal database version information in the display window, then show the current time. The unit will also begin to search for GPS satellites. If the vehicle is parked under cover this will extend the time taken to find satellites. In 'Normal Mode' the TALEX unit will make a time announcement whilst flashing the time at the top of each hour. The time displayed will automatically adjust for British Summer Time and Greenwich Mean Time. As a safety feature in 'Normal Mode' only the TALEX unit will make a voice announcement and flash the display after every two hours of continuous operation asking the driver to consider taking a rest. The TALEX unit will not give the 'System active', 'Time check' or 'Two hour alert' announcements in 'CAM' mode.

# Operating Instructions

## Warnings of Fixed/Mobile camera sites

The TALEX unit will warn of fixed or mobile camera sites in both 'NORMAL' or 'CAM' mode.

When the TALEX unit is tracking satellites it will display the current time when the vehicle is stationary and the current speed (mph) when the vehicle is moving. If the display does not indicate the vehicle speed, then the unit is not yet tracking sufficient satellites.

This may be due to high rise buildings, or trees, etc, or it could be that the vehicle is fitted with a UV coated windscreen which blocks not only the Sun's UV rays, but GPS signals also. See Troubleshooting section for details.

If the TALEX unit does not display the vehicle speed after 5 to 10 minutes of operation then consider resetting the unit.

Drivers should be aware that the sites designated for fixed and mobile camera operation are chosen because of a history of accidents in the area. Care should be exercised in these areas regardless of the presence of a camera.

As a vehicle approaches a Fixed, Mobile, Red Light or SPECS (average speed over distance) site, the general principles of operation are the same. The TALEX unit will make an initial announcement indicating the type of site, the speed limit and the distance to the site ahead.

An indication of the distance to the site is given, typically for Fixed sites this will be 500 yards, however in some cases, due to road layout it is not possible to provide a 500 yard warning. Under these circumstances the warning will be issued as far from the camera as possible and a generic 'camera ahead' warning is given.

The speed limit for the road at the location of the camera site will be announced and flash on the display.

As the vehicle approaches the site the display will show the current speed of the vehicle on the right hand side of the display and a representation of the distance remaining to the site on the left hand side. Each digit counts down to the camera site representing approximately 100yds. When the unit is only 200 yards from the camera position the TALEX unit will chime to indicate the close proximity of the site. If the vehicle is travelling in excess of the speed limit within this 200 yard proximity the TALEX unit will make an announcement advising that the driver should reduce speed. (Drivers should obey the posted speed limits in preference to the information provided by the TALEX unit).

Once the vehicle has passed the camera site, or if the driver takes an alternative route that avoids the camera site, then the unit will make an 'All Clear' chime and revert the display back to the current speed of the vehicle.

# Operating Instructions

## Enter Button Functions:

The different functions of the Talex unit are accessed through the single Enter button and depend on whether the vehicle is in motion or stationary.

## Stationary Vehicle:

Enter button

Press once: Displays the Date (mm:dd)

Press twice: Displays journey distance in miles

Press three times: Displays journey time

Press four times: Maximum speed

Press five times: Displays average speed for journey

Press six times: Displays number of satellites in view

Press seven times: displays current time (default setting)

## Moving Vehicle:

Enter Button

When moving the menu button has two functions, a) to change the display to show additional information as below and b) to store and delete user positions.

To change from mode (a) to mode (b) press and hold the Enter button until the chime is heard (about 5 seconds).

## Display options in mode (a):

Press once: Displays speed and approximate direction

Press twice: Displays direction by degrees

Press three times: Displays Altitude

Press four times: Displays speed (default setting)

To register a user position whilst in motion ensure unit is in mode (b) then press the Enter button. To delete the user position press the Enter button within 5 seconds of registering a user position or within 10 seconds of passing this user position on a later occasion in the same direction of travel.

## Updating the Talex Unit:

In order to update your Talex unit with the latest speed camera positions you will first need to purchase a subscription. Go to [www.talex.co.uk](http://www.talex.co.uk) or call us on 01795 518 242 to purchase a subscription.

Once you have a valid subscription go to [www.talex.co.uk](http://www.talex.co.uk) click on the 'update' and follow the on-screen instructions.

# Voice announcements and LED Display

Classification	When	Voice Announcement	LED Display	Remarks
Start Up & Time Check	Power ON	Multiple chime Hello, Talex system Active.	7 1 2 3	Database version (December 3, 2007) (blinks 3 times)
	Displays version No. for 3 seconds and then displays date		12.28	Date
	Displays date for 2 seconds and then displays time		12:50	Time
Event	Every 1 hour	GPS Time Check at nine O'Clock	9:00	Time (blinks 4 times)
	Every 2 hours	Two hour alert please consider taking a rest.	12:50	Time (blinks 4 times)
	DB update – after 3 months (1 times per day)	Monthly alert. please update Talex database via internet	7 1 2 3	Database version (December 3, 2007) (blinks 4 times)
Fixed Camera	Around 500 yards from speed camera	Warning Speed Camera 500 Yards Ahead limit 50miles per hour	C 50	'C' display and speed limit (m/h) ( blinks 4 times)
	Driving		5. 5 8	Distance to speed camera (100 yards) & current speed
	Driving above speed limit with 200yards to speed camera	Attention reduce speed	3. 60	Distance to speed camera (100 yards) & current speed
	Driving with 200 yards to speed limit	Double chime	2. 56	Distance to speed camera (100 yards) & current speed
	Driving above speed limit within 200 yards to speed camera	Double Pip	1. 53	Distance to speed camera (100 yards) & current speed
	Passing the camera sites	Triple chime	48	Current speed
Mobile Camera	Around 500 yards from speed camera (1 mile/2mile)	Warning Possible mobile camera site 500 Yards Ahead, limit 60miles per hour	F 60	'F' display & speed limit (blinks 4 times)
	Driving		5. 58	Distance to speed camera (100 yards) & current speed
	Driving above speed limit with 200yards to speed camera	Attention reduce speed	3. 60	Distance to speed camera (100 yards) & current speed
	Driving with 200 yards to speed limit	Double chime	2. 56	Distance to speed camera (100 yards) & current speed
	Driving above speed limit within 200yards to speed camera	Double Pip	1. 53	Distance to speed camera (100 yards) & current speed
	Passing the camera sites	Triple chime	48	Current speed
Traffic (Red) light Camera	Around 250 yards from speed camera	Warning Traffic light camera Ahead limit 30miles per hour	L 30	'L' display and speed limit (blinks 4 times)
	Driving		4. 36	Distance to speed camera (100 yards) & current speed
	Driving above speed limit with 200yards to speed camera	Attention reduce speed	3. 35	Distance to speed camera (100 yards) & current speed
	Driving with 200 yards to speed limit	Double chime	2. 3 1	Distance to speed camera (100 yards) & current speed
	Driving above speed limit within 200yards to speed camera	Double Pip	1. 28	Distance to speed camera (100 yards) & current speed
	Passing the camera sites	Triple chime	34	Current speed

SPECS Camera	Around 500 yards from speed camera (1 mile/2mile)	Warning Specs warning - you are in an average speed detection area limit 60miles per hour	2 60	'a' display and speed limit (blinks 4 times)
	Driving		5. 58	Distance to speed camera (100 yards) & current speed
	Driving above speed limit with 200yards to speed camera	Attention reduce speed	3. 60	Distance to speed camera (100 yards) & current speed
	Driving with 200 yards to speed limit	Double chime	2. 56	Distance to speed camera (100 yards) & current speed
	Driving above speed limit within 200yards to speed camera	Double Pip	1. 53	Distance to speed camera (100 yards) & current speed
	Passing the camera sites	Triple chime	63	Current speed
User Input Position	Around 500 yards from speed camera	Warning User position ahead	USER	USER blinks 4 times
	Driving		3. 68	Distance to speed camera (100 yards) & current speed
	Driving with 200 yards to speed limit	Double chime	2. 56	Distance to speed camera (100 yards) & current speed
	Passing the camera sites	Triple chime	63	Current speed
Saving User Input Position	Pressing USER button during driving	User position logged	SAVE	Saving 'Save' (blinks 5 times)
Deleting User Input Position	Pressing button within 5 seconds after pressing button and at the user input position	User position deleted	DEL	Deleting 'DEL' (blinks 5 times)
Key Sound	Display change / selection	Double chime		
Mode Selection	Safe Driving Mode (NCR)	Safe driving mode	SAFE	Provide all cameras of safe driving mode and traffic information
	Camera Mode (CAM)	Camera detection mode.	CAM	Camera only such as Fixed SPECS, Mobile, User position, etc...
Display Change (shows during drive)	Pressing button at the altitude display	Double chime	63	Speed (63m/h)
	Pressing button at the speed display	Double chime	1804	Direction (southward 180 degrees)
	Pressing button at the direction display	Double chime	7 80	Speed and direction (northward 80m/h)
	Pressing button at the speed and direction display	Double chime	413h	Altitude (sea level feet) (up to 0-999 feet)
			h 1.82	Above sea level 1820 feet (1000 feet-9990 feet)
Additional Information Selection (Stationary vehicle) displays each for 10 seconds only	Pressing button at the time display	Double chime	12. 28	Date (December 28)
	Pressing button at the date display	Double chime	d 123	Trip distance (123Km) It clears off when the power is off.
	Pressing button at the trip distance display	Double chime	62:18	Trip time It clears off when the power is off (within 10 hours)
			6H:15	Trip time It clears off when the power is off (within 10 hours)
	Pressing button at the trip time display	Double chime	0 33	Average speed (Off SEG rotating.)
			0 33	
			0 33	
	Pressing button at the average speed display	Double chime	' 20	Maximum speed (On SEG rotating)
			' 20	
			' 20	
Pressing button at the maximum speed display	Double chime	6 _ _ _	Satellite status 3D fixed	
		2 _ _	2D	
		0 _ _	Not fixed	
GPS	Pressing MENU button for 5 seconds when in trouble with satellite.	Double chime	0	Cold Start display 'o'shape keeps moving until it receives satellite
			0	
	0			
Receiving satellite signals	Connected with the satellites	12:50	Time Receiving satellite and being stationary	
		54	Speed Receiving satellite and driving	

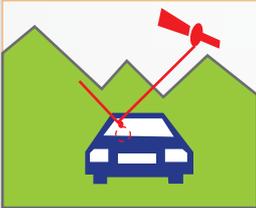
# Notes of Caution



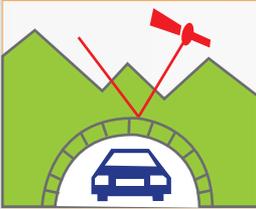
Warming up 15



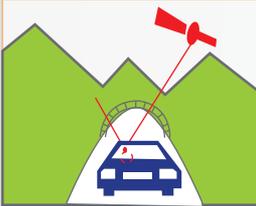
When using TALEX for the first time the unit may require a warm up time of approximately 5 - 10 minutes.



Position the TALEX system on your vehicle's dashboard with a clear view of the sky through the windscreen.



It should be remembered that satellite signals will be lost in tunnels and underground car parks.



Remember that it takes a few seconds to re-acquire GPS signals after leaving a tunnel.

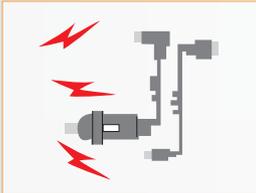


Avoid splashing unit with water or placing in areas of high humidity or in direct sunlight for long periods of time in the summer.

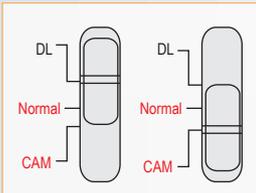
# Notes of Caution



Place Talex in the vehicle where it does not interfere with other controls in the vehicle. Do not mount the unit on airbags.



Only use the in car power or USB leads provided with the Talex unit failure to do so will invalidate the warranty.



When TALEX is operating in the vehicle the switch should be selected to either CAM or NORMAL mode. When updating the database the switch should be moved to D/L mode.



Do not attempt to open or modify the unit as this will invalidate the warranty.

## HOMEPAGE

Download



Update >>>>>>>>

The Talex is ready for use straight away. When it is convenient you can update your TALEX with new camera positions. To update your TALEX, visit [www.talex.co.uk](http://www.talex.co.uk) and follow the on screen instructions to download a new database to the device.



All aspects of the product both hardware and software are licenced to Talex Technology Ltd.

## Troubleshooting

Problem	Action
Fails to power up	<b>Fails to power up</b> 1 Check that the power lead is firmly plugged into the "POWER" socket & into the cigar lighter. 2 Check the internal fuse in the power cable. Replace the internal fuse with the spare one. 3 High temperature caused by direct sunlight can affect the normal operation of the TALEX (extremes of heat of greater than 85°C must be avoided).
No audible signal	<b>No audible signal</b> 1 Check the volume level. 2 Check the GPS signal.
Does not acquire GPS signal	<b>Does not acquire GPS signal</b> 1 Check the power lead. 2 TALEX does not have a clear view of the sky* 3 If driving without a clear view of the sky for a long period and the TALEX does not appear to operate normally, then, when next in a clear view remove and re-apply power. 4 Long tunnels, tall buildings, bridges or overhanging trees may cut out the GPS signal.
Incorrect operation	<b>Incorrect operation</b> 1 In a GPS shadow area. 2 Have not updated the TALEX with the latest database information. 3 Check that the mode select switch is select to either CAM or NORMAL.

\* Note TALEX may not work with heated front windscreens that are energised or vehicles that have heat reflective screens.

If you are unable to obtain satisfactory performance from your TALEX, please call our technical help line on 01795 518 242 or visit our website at: [www.talex.co.uk](http://www.talex.co.uk) ,or email questions to: [support@talex.co.uk](mailto:support@talex.co.uk)