



i-mob TT3

Owners Manual

i-mob TT3 user manual UK S FW200 V1.6.0

**For assistance in using your i-mob system or for
general enquiries, please call i-mob HQ on
08708 500800**

**To contact your monitoring service in cases of theft please call
08708 500864**

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Important Information

Thank you for choosing the i-mob TT3 to protect your vehicle.

The i-mob unit is active once installation is complete.

The monitoring and back up services are only fully operative once you have contacted i-mob HQ to confirm delivery of the system. The monitoring and back up services will remain operative from the date of installation for a period of 12 or 36 months depending on the package selected.

i-mob will contact you one month before the expiry date in order to renew these services for a further 12. i-mob reserves the right to suspend service where the system and/or services are subject to misuse.

On a day to day basis you do not need to do anything with your i-mob security system, however to maximise the protection offered by your i-mob TT3 system we strongly recommend that you read this manual and become familiar with its features and functions.

We particularly draw your attention to the section 'Protection Against Key Theft'

Your i-mob Phone Number

Your i-mob system has its own dedicated mobile phone number. This number will be provided to you when you confirm delivery (see delivery confirmation & Password/PIN code change below). This number is dialled to access your i-mob system just as you would dial any other mobile phone. We suggest that you make a copy of your i-mob phone number in the box below.

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Delivery Confirmation & Password/PIN Code Change

Your i-mob is fully functional and ready for you to use, however before i-mob HQ can program your customer specific details you **MUST** make contact to confirm you have taken delivery and to choose a 4 digit PIN number.

You can contact i-mob HQ on **08708 500800** Monday to Friday 9am – 5:30pm excluding public holidays, or if you wish you may send these instructions by e-mail to security@i-mob.co.uk

What to do if you receive a phone call from your i-mob;

1. **Your i-mob calls announcing "Anti-lift alarm"**,
(This announcement is made if the tilt/motion sensor is activated)
 - a) the i-mob will then request "Enter password", enter your 4 digit PIN followed by the # button (default #),
 - b) to stop the alarm call cycle and disarm the i-mob press button 5, the system announces "system de-active" (the i-mob will automatically re-arm the next time the ignition is switched on and off)
 - c) the call is automatically ended.
 - d) confirm your vehicle is safe. If your vehicle has been stolen please see **6. Your vehicle is stolen**.

2. **Your i-mob calls announcing "battery alarm"**,
(This announcement is made if the vehicle battery is lower than 9.5v, is disconnected or if the main power supply to the i-mob is broken)
 - a) the i-mob will then request "Enter password", enter your 4 digit PIN followed by the # button (default #),
 - b) to stop the alarm call cycle and disarm the i-mob press button 5, the system announces "system de-active" (the i-mob will automatically rearm the next time the ignition is switched on and off)
 - c) the call is automatically ended.
 - d) confirm your vehicle is safe. If your vehicle has been stolen please see **6. Your vehicle is stolen**.

NB Make arrangement to charge the vehicle battery.

3. **Your i-mob calls announcing "ignition alarm"**,
(This announcement is made if the i-mob is manually armed and the ignition is switched on please see page 9 'Protecting against key theft')
 - a) the i-mob will then request "Enter password", enter your 4 digit PIN followed by the # button (default #),
 - b) to stop the alarm call cycle and disarm the i-mob press button 5, the system announces "system de-active" (the i-mob will automatically rearm the next time the ignition is switched on and off)
 - c) the call is automatically ended.
 - d) Confirm your vehicle is safe. If your vehicle has been stolen please see **6. Your vehicle is stolen**.

(Continued on next page)

4. **Your i-mob calls announcing "Password alarm",**
(This is announced if an inbound call to your i-mob has been received and the password has been incorrectly entered 3 times)
- the i-mob will then request "Enter password", enter your 4 digit PIN followed by the # button (default #),
 - to stop the alarm call cycle and disarm the i-mob press button 5, the system announces "system de-active" (the i-mob will automatically rearm the next time the ignition is switched on and off)
 - the call is automatically ended.
 - Confirm with authorised users if they have attempted to contact the i-mob if not report to i-mob HQ.
5. **Your vehicle is under going work (such as new tyres, servicing or body shop) OR is being transported (such as recovery truck, Euro star or ferry and similar)**

Your i-mob system **MUST** be placed into service mode so that you and or the monitoring centre do not receive false alarm calls. There are two ways in which this can be carried out the first is via SMS and the second via voice call.

Transport/Maintenance (Service mode) via SMS

Below is an example of the SMS command that need to be sent to the i-mob phone number in order to use this feature. Each of the boxes below counts as a character in the SMS or if blank represents one space. All letters must be in CAPS.

This example assumes that the user PIN code is 0000 (replace the 0000 with your own PIN)

0	0	0	0	+		P	J	G
---	---	---	---	---	--	---	---	---

Once the above SMS has been sent and accepted (it will only be accepted if the correct PIN has been entered) the i-mob system will reply with the following SMS.

```

Identification=000001
IN SERVICE
LAT=51.32.48,76N
LON=000.47.17,21W
HUA=10/01-09.01.23
L=-099 dBm
S=000 mph

```

For an explanation of this SMS see 'SMS reply explanation' on last page.

Via Voice call

- Call the i-mob system phone number
- Enter 4 digit PIN code followed by # button
- Press button 7 (system will announce "i-mob setting system command list")
- Press button 3 – (system will announce "Enter password to put in service")

within 5 seconds

- Enter 4 digit PIN followed by # button
- System will announce, "system in service" followed by the status and the features available

Your i-mob system is now in transport/maintenance mode and your vehicle can safely be transported or worked on. The call may now be ended.

If you do not carry out the above sequence before the vehicle is transported you will receive an alarm call from your i-mob as described in section 'What to do if' 1 **Your i-mob calls announcing "Anti-lift alarm"**.

NB the system remains in service until you place it back into normal operation mode please see 'Transport/Maintenance mode'

(Continued next page)

6. Your vehicle is stolen.

Activate the immobilisation function. This can be carried out via SMS or voice call.

For further information on this function please see “Activating/deactivating immobilisation”

Activating immobilisation via SMS

Below is an example of the SMS command that need to be sent to the i-mob phone number in order to use this feature. Each of the boxes below counts as a character in the SMS or if blank represents one space. All letters must be in CAPS.

This example assumes that the user PIN code is 0000 (replace the 0000 with your own PIN)

0	0	0	0	+		P	J	T
---	---	---	---	---	--	---	---	---

Once the above SMS has been sent and accepted (it will only be accepted if the correct PIN has been entered) the i-mob system will reply with the following SMS. **NB** the system will not accept the command if it is in service mode.

For detailed information on immobilisation via SMS see section ‘Activating immobilisation via SMS’: **Once the immobilisation has been activated carry out the ‘final steps’ below.**

Via voice call

- 1) Call the i-mob system phone number
- 2) Enter 4 digit PIN code followed by # button
- 3) Press button 2 (system will announce “immobilisation active”)
- 4) End the call. **Once the immobilisation has been activated carry out the ‘final steps’ below.**

Final steps

- a) Call the Police to report the theft. Explain that you have an i-mob system and that you are able through the call centre to track the vehicle to street level and that that the system is equipped with an immobiliser which you have activated.
- b) The Police will issue a crime reference number; keep a note of this for future reference.
- c) Call the monitoring service on **08708 500864**. Give them your name, vehicle registration number and PIN code to verify your identity and inform them that you have activated the immobilisation function.

Give the monitoring centre details of the Police station that you reported the theft to, and the crime number that they allocated to the incident.

Features Overview

The i-mob TT3 has the following features. These are announced by the system when contact is made and the PIN code has been accepted.

Calls to the system may be made from any tone dial phone (including mobiles).

When the PIN code has been accepted the system will announce its current status:

“Active” = system is ‘armed’
 “Standby” = system is ‘disarmed’
 “In-service” = system is in ‘transport mode’

“Command List.” *The features available will depend on the i-mob status above. i.e. feature 5 will be announced only if the system is NOT in-service*

To use any of the following features simply input the corresponding number on your key pad, e.g. key '9' to obtain the position of the vehicle.

- “Enter 2 - to activate immobilisation” This arms the immobilisation function.
 The next time the vehicle ignition is switched off the immobilisation will activate and the indicators will begin to flash. See ‘What to do if your vehicle is stolen’ point 5 or see below.
This option is only announced if the immobilisation is NOT already activated
- “Enter 3 - to deactivate immobilisation” This disarms the immobilisation and allows the vehicle to be restarted.
This option is only announced if the immobilisation IS already activated
- “Enter 5- to deactivate” This ‘disarms’ the system manually.
 This option is normally used during an alarm call cycle to end the alarm and reset the system.
This option is only announced if the system is armed
- “Enter 5- to activate” This ‘arms’ the system manually.
 This option is used to give extra security for the vehicle see ‘Protecting against key theft’
This option is only announced if the system is disarmed
- “Enter 7- for setting system” This option is used to access service mode see ‘Transport/maintenance mode (service mode).
- “Enter 9- for location” This feature delivers the GPS co-ordinates of the vehicle at the point of request. You may request the position repeatedly and if the vehicle is moving then the coordinates will be revised accordingly. For details see ‘Location Reports’.

Activating/deactivating immobilisation

The i-mob system features a sophisticated immobilisation function; this function enables the vehicle to be safely immobilised post theft.

Customers are advised to restricted use of this feature to cases of genuine theft.

Activation and deactivation of this feature can be carried out via SMS or voice call.

Activating immobilisation via SMS

Below is an example of the SMS command that need to be sent to the i-mob phone number in order to use this feature. Each of the boxes below counts as a character in the SMS or if blank represents one space. All letters must be in CAPS.

This example assumes that the user PIN code is 0000 (replace the 0000 with your own PIN)

0	0	0	0	+		P	J	T
---	---	---	---	---	--	---	---	---

Once the above SMS has been sent and accepted (it will only be accepted if the correct PIN has been entered) the i-mob system will reply with one of the following SMS messages;

SMS 1

Identification=000001
IN STANDBY
IMMOBIL. ARMED
LAT=51.32.48,76N
LON=000.47.17,21W
HUA=10/01-09.01.23
L=-089 dBm
S=000 mph

SMS 2

Identification=000001
IN STANDBY
IMMOBIL. ACTIVATED
LAT=51.32.48,76N
LON=000.47.17,21W
HUA=10/01-09.01.23
L=-089 dBm
S=000 mph

For an explanation of this SMS see 'SMS reply explanation' on last page.

Deactivating immobilisation via SMS

Below is an example of the SMS command that need to be sent to the i-mob phone number in order to use this feature. Each of the boxes below counts as a character in the SMS or if blank represents one space. All letters must be in CAPS.

This example assumes that the user PIN code is 0000 (replace the 0000 with your own PIN)

0	0	0	0	+		P	J	W
---	---	---	---	---	--	---	---	---

Once the above SMS has been sent and accepted (it will only be accepted if the correct PIN has been entered) the i-mob system will reply with the following SMS.

Identification=000001
IN STANDBY
IMMOBIL. DISARMED
LAT=51.32.48,76N
LON=000.47.17,21W
HUA=10/01-09.01.23
L=-089 dBm
S=000 mph

For an explanation of this SMS see 'SMS reply explanation' on last page.

Activating immobilisation via voice call

- 1) Call the i-mob system phone number
- 2) Enter 4 digit PIN code followed by # button
- 3) Press button 2 (system will announce "immobilisation active")
- 4) End the call.

After carrying out either of the above steps the immobilisation feature has been armed and the system will activate the immobilisation when the vehicle ignition is next switched off. The system remains immobilised until the deactivate command is sent see 'deactivating immobilisation via SMS' or 'deactivating immobilisation via voice call'.

Deactivating immobilisation via voice call

- 1) Call the i-mob system phone number
- 2) Enter 4 digit PIN code followed by # button
- 3) Press button 3 (system will announce "immobilisation de-active")
- 4) End the call.

After either of the above steps the vehicle engine can be re-started and the indicators will stop flashing.

Protecting against key theft

Your i-mob system automatically arms 30 seconds after the ignition key is switched off, and disarms when the ignition key is switched on. To help prevent a thief from stealing your keys and driving the vehicle away undetected, it is possible to set the i-mob to ignore the ignition key as a method of disarming the system - this is termed as 'manual arming'.

This may be carried out in one of two ways firstly via SMS and secondly via voice call.

For convenience and ease of operation we advise that the SMS method is used. We suggest that you save the messages detailed below in your SMS archive in order to have them readily available.

Manual arming via SMS

Below is an example of the SMS command that need to be sent to the i-mob phone number in order to use this feature. Each of the boxes below counts as a character in the SMS or if blank represents one space. All letters must be in CAPS.

This example assumes that the user PIN code is 0000 (replace the 0000 with your own PIN)

0	0	0	0	+		P	J	A
---	---	---	---	---	--	---	---	---

By carrying this procedure out your i-mob will call if the ignition key is turn on. **BEFORE** using the vehicle again carry out the step/s below (manually disarm the system).

Manual disarming SMS

Below is an example of the SMS command that need to be sent to the i-mob phone number in order to use this feature. Each of the boxes below counts as a character in the SMS or if blank represents one space. All letters must be in CAPS.

This example assumes that the user PIN code is 0000 (replace the 0000 with your own PIN)

0	0	0	0	+		P	J	D
---	---	---	---	---	--	---	---	---

Your i-mob system will now operate normally and will re-arm the next time the ignition is switched on and then off.

Manual arming via voice call

- 1) Lock the vehicle and leave it for minimum 60 seconds
- 2) Call the i-mob system phone number
- 3) Enter 4 digit PIN code followed by #
- 4) Press button 5 – system will announce “system de-active”
- 5) Press button 5 again – system will announce “system active”
- 6) End the call.

The system is now manually armed.

By carrying this procedure out your i-mob will call if the ignition key is turn on. **BEFORE** using the vehicle again carry out the step/s below (manually disarm the system).

Manual disarming via voice call

- 1) Call the i-mob system phone number
- 2) Enter 4 digit PIN code followed by #
- 3) Press button 5 – system will announce “system de-active”
- 4) End the call.

The system is now manually disarmed.

Your i-mob system will now operate normally and will re-arm the next time the ignition is switched on and then off.

Transport/Maintenance Mode (service mode)

Should your vehicle be transported by trailer, or is likely to be away from you for an extended period for maintenance, it is essential to place it into 'Service Mode'. This may be carried out in one of two ways firstly via SMS and secondly via voice call.

By this action the system will not respond to the normal inputs and will not therefore send you false alarms.

If you are travelling with the vehicle and will undergo a sea crossing, Eurostar or similar it is also necessary to place the system in 'Service Mode' as the motion of the ship/train will result in false alarms.

Transport/Maintenance (Service mode) via SMS

Below is an example of the SMS command that need to be sent to the i-mob phone number in order to use this feature. Each of the boxes below counts as a character in the SMS or if blank represents one space. All letters must be in CAPS.

This example assumes that the user PIN code is 0000 (replace the 0000 with your own PIN)

0	0	0	0	+		P	J	G
---	---	---	---	---	--	---	---	---

Once the above SMS has been sent and accepted (it will only be accepted if the correct PIN has been entered) the i-mob system will reply with the following SMS.

```

Identification=000001
IN SERVICE
LAT=51.32.48,76N
LON=000.47.17,21W
HUA=10/01-09.01.23
L=-099 dBm
S=000 mph

```

For an explanation of this SMS see 'SMS reply explanation' on last page.

To place the i-mob back to normal operation via SMS

End service mode SMS (example of specific PIN)

Below is an example of the SMS command that need to be sent to the i-mob phone number in order to use this feature. Each of the boxes below counts as a character in the SMS or if blank represents one space. All letters must be in CAPS.

This example assumes that the user PIN code is 0000 (replace the 0000 with your own PIN)

0	0	0	0	+		P	J	J
---	---	---	---	---	--	---	---	---

Once the above SMS has been sent and accepted (it will only be accepted if the correct PIN has been entered) the i-mob system will reply with the following SMS.

```

Identification=000001
IN STAND BY
IMMOBIL. DISARMED
LAT=51.32.48,76N
LON=000.47.17,21W
HUA=10/01-09.01.23
L=-099 dBm
S=000 mph

```

For an explanation of this SMS see 'SMS reply explanation' on last page.

To place in Service Mode via voice call

- 1) Call the i-mob system phone number
- 2) Enter 4 digit PIN code followed by # button
- 3) Press button 7- (system will announce "i-mob setting system command list")
- 4) Press button 3 – (system will announce "Enter password to put in service")

within 5 seconds

- 5) Enter 4 digit PIN followed by # button
- 6) System will announce, "system in service" followed by the status and the features available

Your i-mob system is now in transport/maintenance mode and your vehicle can safely be transported or worked on. The call may now be ended.

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To place the i-mob back to Normal operation

- 1) Call the i-mob system phone number
- 2) Enter 4 digit PIN code followed by #
- 3) Press button 7 – system will announce “i-mob setting system command List”
- 4) Press button 4 system will announce “In Service Over” followed by the status of the system and the features available

Your i-mob is now back in normal operation and the call maybe ended.

Location Reports

Location reports enable the i-mob system to give the last known latitude and longitude. This can be carried out via SMS or voice call.

Location via SMS

Location SMS (example of specific PIN)

Below is an example of the SMS command that need to be sent to the i-mob phone number in order to use this feature. Each of the boxes below counts as a character in the SMS or if blank represents one space. All letters must be in CAPS.

This example assumes that the user PIN code is 0000 (replace the 0000 with your own PIN)

0	0	0	0	+		T	J
---	---	---	---	---	--	---	---

Once the above SMS has been sent and accepted (it will only be accepted if the correct PIN has been entered) the i-mob system will reply with the following SMS.

```
ZONE=,CIG=04C4,06B8  
LAT=51.32.48,76N  
LON=000.47.17,21W
```

For an explanation of this SMS, see 'Description of location request SMS' on last page.

Location via voice call

- 1) Call the i-mob system phone number
- 2) Enter 4 digit PIN code followed by # button
- 3) Press button 9 (system will announce the last known latitude and longitude)
- 4) End the call.

To understand what these figures represent as a physical location you may interpret them using Microsoft AutoRoute together with a conversion programme (i-mob locator) or it is also possible to use i-mob with other mapping software such as Google Earth, to do this use i-mob converter.

Microsoft AutoRoute is available from all good PC retailers and is already included within many Microsoft Software packages.

i-mob converter and locator software and instructions for use are supplied free of charge from our web site www.i-mob.co.uk using the 'customer area' page.

SMS reply explanations

Example SMS

Identification=000001
IN STAND BY
IMMOBIL. DISARMED
LAT=51.32.48,76N
LON=000.47.17,21W
HUA=10/01-09.01.23
L=-099 dBm
S=000 mph

Explanation of SMS

Identification = Customer ID number
IN SERVICE = system status (see system status key below)
IMMOBIL. DISARMED = Immobilisation status (see Immobilisation key below)
LAT = last known latitude
LON = last known longitude
HUA= This indicates the day, month and time of the last confirmed GPS position. The format is day/month-hour.minute.seconds
L = GSM strength
S = current speed (calculated via GPS)

System status key

ARMED = system armed automatically
REM ARMED = system manually armed (for key theft protection)
IN ALARM = alarm call cycle in progress
IN SERVICE = system is in service mode
IN STANDBY = system is disarmed

Immobilisation key

DEACTIVE = immobilisation is off
ACTIVATED = immobilisation has been deployed
ARMED = immobilisation is preparing to deploy

Description of location request SMS

Example SMS

ZONE=,CIG=04C4,06B8
LAT=51.32.48,76N
LON=000.47.17,21W

Explanation of SMS

ZONE=,CIG= Cell location
LAT= last known latitude
LON= last known longitude