

## **User & Installation Guide**



**Mobile Security Solutions for Today's Crime**

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## Table Of Contents

Page 4	The Text Alert installation instructions
Page 5	The wiring configuration for the Text Alert product for both basic and advanced installations
Page 6	Setup, programming and operating instructions for the Text Alert system
Page 7	Commonly asked questions & trouble shooting guide
Page 8 & 9	A summary table showing all the text warning messages along with the text programming commands for configuring the system
Page 10	Notes
Page 11	Your Text Alert registration information

# Text Alert

## Installation Instructions

**IMPORTANT: Register your Text Alert 'Text alert' system onboard SIM before installing and/or powering up the system (see setup and operating instructions).**

**The system must be commissioned within 24 hours of Registration.**

### Unit location

The control unit has a remote antenna and its own movement sensor. It is at its most effective if mounted on a 'flattish' surface.

The control unit can be fixed into position using cable ties or by using the moulded pre-holed "feet".

When positioning take into account cable routing and access to the required connections (see: **Wiring**).

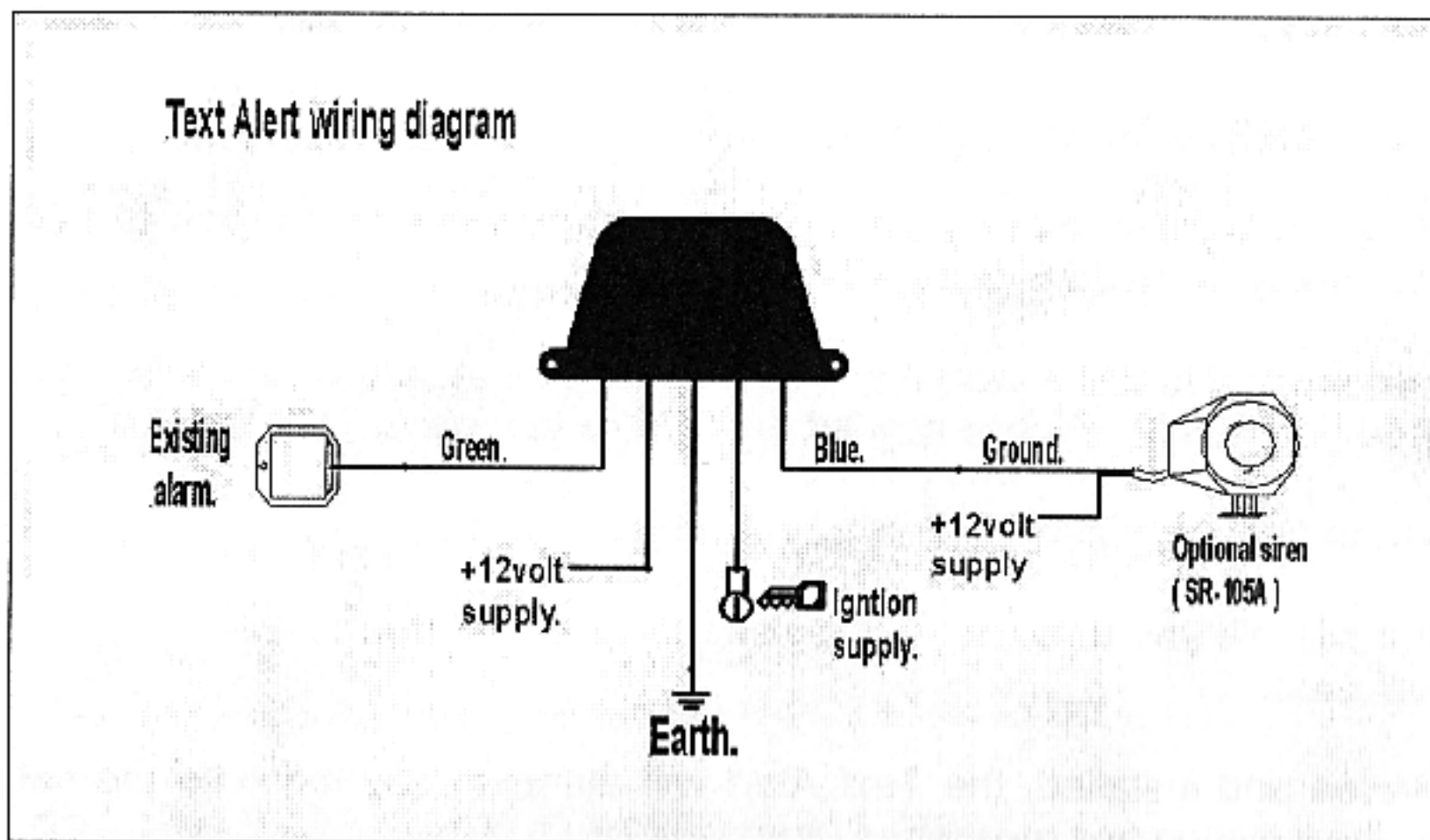
### Antenna location

The antenna can be fixed into position with either its own self adhesive backing or with suitable cable ties.

The antenna must not be mounted on any metal surface.

The antenna cable length has been "tuned" and must therefore not be cut back or modified, and where possible try to avoid running alongside the vehicles existing wiring loom.

## Wiring



### Basic installation

Red	Constant live
Yellow	Ignition controlled live
Black	Earth

The basic wiring of the Text Alert requires access to a constant live, an ignition controlled live and an earth. We recommend that both the connections to the constant live and the ignition controlled live are on the fused side of each respective circuit, and that the switched live is taken from a non-run critical circuit. The earth taken should be an electrical earth. **Soldered joints are recommended, protected with self amalgamating weather resistant tape or a suitable sized heat shrink.**

### Advanced installation

Green	Triggered via the alarm
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If you have an alarm system fitted and it has an extra siren output it is possible to link this to the Text Alert so the alarm can be used as an extra trigger input.

The Text Alert has to be configured to match the type of output coming from the alarm (positive or negative). If the alarm system gives a POSITIVE output when sounding and this is the default setting for the Text Alert. Should your alarm system have a negative extra siren output the Text Alert can be adjusted to respond to this via a text message.

It is best to commission the Text Alert and then configure the input trigger before connecting the Green wire to the siren output of the alarm.

Texting #INN to the Text Alert changes the trigger input required by the unit to NEGATIVE.

Texting #INP to the Text Alert reverts the trigger input required by the unit back to POSITIVE.

Blue	Optional siren negative
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This wire can be connected to a supplementary siren. A positive connection is made to the positive side of the siren and the blue should be connected to the negative side of the siren. The Text Alert will sound the siren on command. The maximum output from this wire is 400mA. If the wire is not used it should be fully insulated to prevent shorting.

# Text Alert Set Up & Operating Instructions

## Registering The On Board SIM

Before calling to register, have your Text Alert paperwork and a pen to hand and be aware that a memorable password will be required.

The SIM card within this unit is activated in the same way as you would activate any pay as you go mobile phone SIM. Please call **0800 0797979** to register your the SIM.

Tell the operator you want to register a 'pay as you go' SIM card.

The operator will talk you through your registration step by step and also register your Orange "top up" card.

Once registered and installed, the Text Alert will automatically log onto the network and deal with all the initiation text messages Orange send.

Be sure to record your allocated mobile number and account password in the appropriate boxes at the rear of this of the user guide.

## Getting Started

Your own mobile is referred to as the "host" and this must be used when communicating with the Text Alert.

Once the registration has been completed and the unit fully installed, switch on the vehicles ignition for thirty seconds.

Now text #x5990a\* from the host mobile (the pin code as found on the rear cover of your user guide). If successful the Text Alert will respond with a test message to the host reading "**Unit Programmed Successfully**".

Any text information sent by the Text Alert will now be sent to the host mobile.

## Reading Trigger Texts And Sending Instructions

The Text Alert arms fifteen seconds after the ignition supply has been turned off. Any trigger from then will be sent to the host mobile as a 'text alert' (see table 1 for an explanation of the received text).

The Text Alert can also be programmed and triggered from the host (see table 2 for an explanation of the commands). This can only be done within thirty minutes of the ignition supply being switched off, within thirty minutes of the last text message or any time that the ignition supply is turned on.

The unit can only receive any communication within thirty minutes of each of these actions as after this period of time it returns to a "sleep mode", this mode will not affect the response to any trigger.

# Text Alert Frequently Asked Questions

## **Text Alert will not respond to movement, why? :**

- a. Check that the onboard SIM has been registered correctly and the account is in credit.
- b. The ignition must be turned off to allow the fifteen seconds before the system sets fully.
- c. The host mobile signal is weak or turned OFF.
- d. The internal movement sensor is turned off.

## **Text Alert will not respond to the external trigger input, why? :**

- a. As above a, b and c.
- b. The external input device has failed.
- c. The connection to the external input device has failed.

## **How do I check the signal strength in the area? :**

- a. Make a voice call to Text Alert, if the call diverts to voicemail as soon you call, the signal is poor.
- b. Text "?" to Text Alert and text back a signal strength if there is service.

## **Is there a cost involved when Text Alert sends a message? :**

Messages from Text Alert in the U.K. are currently charged at the standard Orange rate of 12p per text (Please note this charge is controlled by Orange so may vary according to their service charges. The above charge was correct 01.10.05).

## **Will Text Alert work when I am abroad? :**

Text Alert will roam, check with Orange for details on coverage and roaming charges.

## **Can I change the Text Alert pin code to a more memorable number? :**

The four numbers in the pin code can be changed, text the current pin number complete followed by the four new numbers to Text Alert . E.g." #X5990A\*1234" will change the pin code to "#X1234A"

## **Is the text case sensitive? :**

The text can be sent in upper or lower case. The message must just be constructed correctly without any spaces.

## **If I change my host mobile how will I know if it has been programmed correctly? :**

After you have text your pin code to the Text Alert you will receive a message saying "unit programmed successfully". you do not receive the confirmation text, check and resend the pin code.

## **What if I loose my TOP UP card? :**

TOP UP cards are available from any Orange top up outlet, then call Orange direct on 07973 100 450 to register the new card.

## **How can I find out how much credit I have left on the Text Alert? :**

Call Orange direct on 07973 100 451 and listen to the automated service.

## Text warning messages (Table 1)

Message No.	Event	Message	Vehicle	How To Reset
1	Vehicle movement.	ALERT! Movement Sensor Activated.	If movement continues this message will be sent a maximum of three times at thirty second intervals.	Switch ignition supply on OR text "RESET" to Text Alert.
2	Trigger Input	ALERT! Alarm Activation	If trigger input continues this message will be sent a maximum of three times at thirty second intervals.	Switch ignition supply on OR text "RESET" to Text Alert.
3	Vehicles battery level drops below ten volt threshold	ALERT! Low Battery	This message will only be sent once. The Text Alert will then switch itself off to save battery power	Recharge vehicles battery

**Please note:** In the event of three movement or trigger output alerts the Text Alert will automatically switch on the GSM modem and enter "Lock Mode". This mode increases the accuracy of the location service and will allow the Text Alert to constantly update its location. "Lock Mode" can be cancelled by simply switching the ignition supply on or by texting "RESET" from the host.

## Text commands (Table 2)

Text	Action
#x5990a*	This is the factory set pin number for your Text Alert. When sent, this will initiate the sending mobile as the "host".
#x5990a*----	By substituting the "----" with your own chosen four digit number you can replace the factory set pin and personalize the Text Alert pin number.
?	This will prompt a report on the signal strength. Values range from 0 to 31, 31 being the higher strength. A typical response is strength 7-15.
OPN	No siren output at any time.
OPC	Constant siren output .
OPY	Siren output for 30 seconds, pulsing 1 second on then 2 seconds off, then reverting to OPN.
#AFA	The siren output works as a normal alarm system, sounds for 26 seconds when triggered.
#MSY	The Text Alert internal movement sensor is enabled.
#MSN	The Text Alert internal movement sensor is disabled.
#MSH	The Text Alert internal movement sensor is set to its high sensitivity setting.
#MSL	The Text Alert internal movement sensor is set to its lowest sensitivity.
#ALN	The Text Alert will ignore any input from the Green external input wire.
#ALY	The Text Alert will respond to any input from the Green external input wire.
#INP	The Text Alert is configured to respond to a POSITIVE trigger input from the Green wire
#INN	The Text Alert is configured to respond to a NEGATIVE trigger input from the Green wire
#ALYC	The Text Alert will trigger if the Green external input wire is disconnected from the external device.
VALET	The Text Alert will ignore the movement sensor and external input allowing the machine serviced. The unit will remain dormant until RESET has been text from the host.
RESET	This will clear VALET mode, the movement sensor and external input counters, the 30 second timers and switches off the #GSMP mode
#GSMP	The GSM module is switched on, this is for vehicle location only .

The preset factory setting is #MSY (movement sensor enabled), #MSL (lowest sensitivity) and #ALY (external input enabled) #MSH is recommended for winter storage only.



# Text Alert Registration information

To register your SIM card call Orange

Tel No. 08000 79 79 79

**IMPORTANT: Register your Text Alert on-board SIM before installing and/or powering up the system**

(see setup and operating instructions).

The system must be commissioned within 24 hours of Registration.

Please record your Text Alert telephone number here  
This number will be issued by Orange as you register

Personal password

Identity code number

IMEI NUMBER

1234567890

SIM CARD NUMBER

