

Programming Manual

Life Minder

Fall Detection – GPS Locator - 2-way Voice Calls



Sensing What Matters

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OVERVIEW

Thank you for purchasing Life Minder version EV-07W.

Life Minder is an advanced 3G network personal tracker that is water resistant IP67, innovative miniature size personal remote positioning tracker with built-in U-blox GPS and GSM/GPRS technology.

It is for monitoring and protecting people and property.

It can be used in all walks of life –

- Workers in isolation
- Home care nursing staff
- The elderly living at home
- Dementia
- Epilepsy
- After hours delivery staff



Life Minder



Choice of Colours

CONFIGURATION – BY SMS

Programming the Life Minder is achieved by sending the Life Minder SMS command messages from a separate smart phone (not supplied).

1. Setting Emergency Contact Numbers

The Life Minder can store up to 5 emergency contacts. It is not mandatory for all five contacts to be set, however a minimum of one emergency contact must always be set.

Add Contact #1 (Emergency calls direct to this number)

Send Life Minder SMS Command – [A1,phone-number](#)

Example: A1,0412345678 (with no spaces in the text, case sensitive)

The tracker will reply – [Set mobile number 1 OK!](#)

To delete, send Life Minder SMS Command – [A0](#) (A+Zero)

Add Contact #2 (Non-emergency calls direct to this number)

Send Life Minder SMS Command – [B1,phone-number](#)

Example: B1,0412345678 (with no spaces in the text, case sensitive)

The tracker will reply – [Set mobile number 2 OK!](#)

To delete send Life Minder SMS Command – [B0](#) (B+Zero)

Add Contact #3 (SMS Only)

Send Life Minder SMS Command – [C1,phone-number](#)

Example - C1,0412345678 (with no spaces in the text, case sensitive)

The tracker will reply – [Set mobile number 3 OK!](#)

To delete send Life Minder SMS Command – [C0](#) (C+Zero)

Add Contact #4 (Non-emergency calls direct to this number)

Send Life Minder SMS Command – [D1,phone-number](#)

Example: D1,0412345678 (with no spaces in the text, case sensitive)

The tracker will reply – [Set mobile number 4 OK!](#)

To delete send Life Minder SMS Command – [D0](#) (B+Zero)

Add Contact #5 (SMS Only)

Send Life Minder SMS Command – [E1,phone-number](#)

Example - E1,0412345678 (with no spaces in the text, case sensitive)

The tracker will reply – [Set mobile number 5 OK!](#)

To delete send Life Minder SMS Command – [E0](#) (C+Zero)

2. Add User Name (sent to mobiles)

Send Life Minder SMS Command – [name1,user-name](#)

Example: name1,Grandma (with no spaces in the text, case sensitive)

The Life Minder will reply – [Add name OK!](#)

(To delete send Life MinderSMS Command – [name0](#) (name+zero))

3. Location Request

To locate the Life Minder:

Send Life Minder SMS Command – [loc](#) (loc for locate)

The Life Minder will reply with GPS coordinates and link to Google Maps. To see map on smart phone, click the line in the received message.

4. Low Battery Alarm

When the Life Minder's battery is less than 15%, it will send an SMS alarm "[BAT:LOW!](#)" to all authorised numbers. If battery is less than 15%, the blue light will flash rapidly to warn the user to charge the tracker as soon as possible.

Send L SMS Command – [low1](#)

To turn off this function, send Life Minder SMS Command [Low0](#) (low+zero)

5. Password Lock

To add an additional security layer to the tracker to prevent unauthorised commands:

Send Life Minder SMS Command – 123456lock

After sending this command, it will then require a password in front of all commands (except reboot and RESET!)

For example, 123456LOC, 123456A1, etc (default password is 123456).

To remove password protection send SMS Command – [123456unlock](#)

6. Change Password Lock

Send Life Minder SMS Command – [Old password+H+newword](#)

Example: 123456H987654. The password now is changed to 987654

Make sure the new password is 6 digits, or else the tracker cannot recognise the password.

The password cannot be erased by changing a new SIM Card. Be sure to keep the new password in a safe place. Should you lose your password, unlocking can only be achieved by returning the Life Minder to GPS Smart Tracker or its agents, along with proof of purchase. Unlocking may incur costs.

7. GEO Fence Alarms

To program the Life Minder for GEO fencing:

Send Life Minder SMS Command: **GX,Y,Z, XXXM** or **KM** (M = meters, KM = kilometres)

Example 1: **G1,1,1,100M** (no spaces in between) *i.e. Contact 1 turns on function to set alarm when tracker enters the preset area of 100 metres.*

Example 2: **G1,1,0,100M** (no spaces in between) *i.e. Contact 1 turns on function to set alarm when tracker exits the preset area of 100 metres.*

X= Contact# (1~5), Each user can set 3 Geofences

Y= 0 means to TURN OFF the function

Y= 1 means to TURN ON the function

Z=1 means to set alarm when the tracker ENTERS the preset area

Z=0 means to set alarm when the tracker EXITS the preset area

XXX is the preset distance to the tracker's original place, must be 3 digits i.e. 100M.

The tracker will send the message to the authorized numbers as “**Geofence alarm!+GPSinfo**” when it enter the area you set. (User must set this function when the blue light is flashing rapidly.)

To turn off this function, please send Life Minder SMS Command **G1,0** or **G2,0** or **G3,0**

(G+Usernumber+Zero).

8. Over Speed Alert

Send Life Minder SMS Command – **speed1,+speed**

Example: **speed1,100**

Note: the speed must be in km/h in 2 or 3 digitals – (01~255km/h)

To turn off this function, send Life Minder SMS Command **speed0** (speed+zero)

9. Movement Alert

Life Minder SMS Command: [M1,xxxM/KM](#)

Example: M1,100M

Note: xxx must be 3 digits. M means meters, KM means kilometres. (The settings must be at least 50 meters)

The tracker must be stationary when setting this function.

When the tracker moves beyond 100 meters, it will send an SMS alarm to all registered phone numbers.

To turn off this function, please SMS Life Minder [M0](#) (M+Zero)

10. Motion Alarm

Life Minder SMS Command: [V1,xxS/M/H](#)

Example: V1,05M (No spaces in between)

S means seconds, M means minutes, H means hours, xx means the time you set and must be two digitals.

Device will detect motion every 5 minutes

To turn off this function, please SMS Life Minder [V0](#) (V+numberZero)

11. AGPS

Assisted GPS (abbreviated generally as A-GPS and less commonly as aGPS) is a system that is often able to significantly improve the start-up performance or time-to-first-fix (TTFF) and improve the GPS location to be more precise, of a GPS satellite-based positioning system.

Life Minder SMS Command: [AGPS1,latitude,longitude](#)

To turn off this function, please SMS Life Minder [AGPS0](#) (AGPS+Zero)

12. Check Settings

Life Minder SMS Command: [status](#)

The Life Minder will respond by SMS with a list of applied settings

13. Fall Detection

A simple fall may cause a devastating consequence. When a fall is detected by the height and angle of the fall. The authorized numbers will be alerted without the user pushing SOS button, a beep will be heard by the User, if not heard press the SOS button

Activate Fall Detection:

Enter Life Minder SMS Command: [FL1](#)

The tracker must sense height, impact and angle. The height must at least above 1 meter. After a fall is detected, the Life Minder will send SMS alarm to all registered phone numbers.

Enable Auto dial in Fall Detection:

Enter Life Minder SMS Command: [FL2](#)

After a fall is detected, the Life Minder will send SMS alarm to all registered phone numbers. It will also Auto dial the dial the #1 Contact

Turn off all Fall Detection:

Enter Life Minder SMS Command [FL0](#) (FL+Zero)

14. Outgoing Call Control

Enter Life Minder SMS Command: [CALL1](#)

With this command, the outgoing call function is ENABLED (Default)

To disable the outgoing call function enter Life Minder SMS Command: [CALLO](#)

15 Battery Saving

Under normal use, battery can last 3 - days

Smart Power Saving Mode (default working mode)

Enter Life Minder SMS Command: [PS1](#)

In this mode, GPS chip is off when there is no movement or no phone usage/alarm/SMS. Battery life is not wasted when the tracker isn't moving.

GSM/GPRS chip is always working to receives calls, SMS and transmits location.

The GPS chip is activated by motion, incoming calls and SMS.

Deep Sleep Mode

Enter Life Minder SMS Command: [DS1](#) or [DS1,xxM/H](#)

Both GSM and GPS chip will be off to save power, the tracker is unable to receive calls or SMS.

Once Deep Sleep is activated it can be only be reactivated by movement. Once movement is detected, it will run for the set time (xxM/H- Minutes or Hours) and sleep again if no movement is detected.

Battery can last 40 days if no movement at all.

To turn off this function, Life Minder SMS Command: [DS0](#) (DS+Zero)

All on, all the time Mode

Life Minder SMS Command: [PS0](#) (PS+Zero)

In this mode, Both GSM and GPS chip are always working, battery can last 18-24 hours.

16.Modifying Time Zones

This tracker works on UTC time as default. Australian Eastern Standard Time (AEST); is UTC +10 (or +11 for Daylight saving time)

Enter Life Minder SMS Command [TZ+10](#) (AEST)

17.Reboot & Reset

Command: [reboot](#)

The tracker will restart itself without changing any settings.

Command: [RESET!](#)

Note: This is to take all settings back to the factory default.

18.Switching the tracker on and off

To turn on tracker press and hold the power button for 3 seconds, all LED will flash rapidly. (Please keep the unit under the open sky or close to the window to be able to get a fix on the satellites.

To turn off tracker press and hold the power button for 3 seconds, after you hear beep sound tracker is turned off.

19.What do the lights mean

GSM LED ...GREEN

Light shows a single flash rapidly every 3 seconds	The tacker is connected to GSM network
Light shows a double flash rapidly every 3 seconds	The tracker is registered to GPRS network
Light shows a slow flash every 3 seconds	The tracker is connecting to GSM network
Light Solid (not flashing)	No SIM card detected.

GPS LED...BLUE

Light shows a single flash rapidly every 3 seconds	The tracker has GPS positioning fix
Light shows a slow flash every 3 seconds (1 second on and 3 seconds off)	The tracker has no GPS fix
No flashing	GPS chip is sleeping

Power LED...RED

Red on	The tracker is charging
Off	The tracker is not charging or has been fully charged
Flashing rapidly	The tracker power is lower that 15%
Flashing randomly	The tracker is on the move

20.Activating an SOS Alarm

Press and hold the SOS button for 3 seconds and you will hear the beep sound, and then green light will start to flash rapidly to confirm the request. After that, an SOS Alarm “Help Me!” will be sent to all authorised phone numbers and platform. In the meantime, it will dial up to 5 authorised numbers. The first number will take priority over the second, the second over the third, etc. If the tracker fails to connect to the first number, it will switch to the second and follow through to the other numbers if unanswered. If the tracker fails to successfully connect to all programmed numbers, the tracker will start to redial the numbers again after 5 minutes. This will go on and on until one of the mobile numbers are answered and two-way communication starts. To end the call, press the SOS button.

21.Making a Phone Call

To make a call press and hold the call button for 3 seconds and you will hear a beep sound, green light will start to flash rapidly to confirm the request, it will then dial the 2nd emergency number allowing normal two-way voice conversation.

22.How to adjust sound volume when in voice contact

Press the side button VOL+ (power button) and VOL- (call button) to adjust the volume when in two-way voice communication.

23.Contact Details

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