



VOICE CONNECT

INTEGRATED COMMUNICATION SPECIALISTS

VC LoneWorker Teltonika GH4000 – Handheld GPS/GSM Tracker User Guide

Issue 1.00 – 9 May 2015

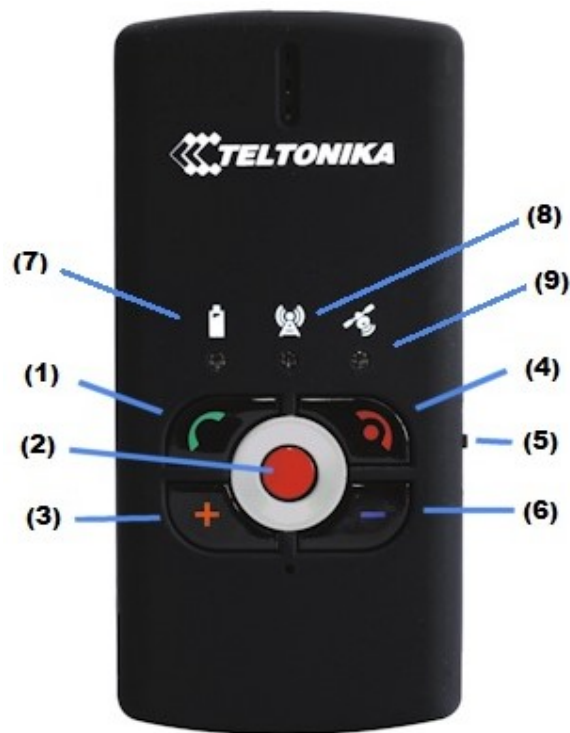


CONTENTS

1	Buttons and Indicators	3
2	Operation	4
2.1	Switch On	4
2.2	Switch Off	4
2.3	Check Battery and Signal Level	4
2.4	Start Job	4
2.5	Stop Job	5
2.6	Track	5
2.7	Alarm	5
2.8	Extend Job	5
2.9	Charge.....	5
	Appendix A - GH4000 Indicators	6

1 Buttons and Indicators

- (1) Green call button
Send status of unit to user's mobile phone (including battery / signal strength if configured).
- (2) Emergency alarm button.
- (3) Start a job / extend a job.
- (4) End phone call when recording a job or pressed emergency button / switch unit on/off.
- (5) Lock buttons so they cannot be pressed by accident.
- (6) Stop current job.
- (7) Battery indicator.
- (8) GSM signal strength indicator.
- (9) GPS tracking / alarm indicator.



2 Operation

2.1 Switch On

Hold down the red 'End Call' button (4) until you hear a series of tones.

2.2 Switch Off

- (1) Hold down the red 'End Call' button (4) until the 'Battery' Indicator (7) goes solid orange.

NOTE	The LEDs will go through various possible lights before the 'Battery' Indicator (7) goes orange.
-------------	--

2.3 Check Battery and Signal Level

- (1) Press and hold the 'Start Call' button (1).
- (2) You will hear an audible beep if you have pressed it correctly.
- (3) A text message is then sent to the pre-set mobile number (of the lone worker).
- (4) The text message appears as follows.

```
INF! Name:GH4000;Time:
2015.15.03 08:30:03;
BatLvl:55; OpId;23415;
GSMSignLvl:15;Prof:1;
ExtPower:0;IMEI:
354330032243357;
```

The two pieces of important information are;

- (a) Battery level **BatLvl:55** - The numeric value is the percentage of remaining battery, in this case it is 55%.
- (b) Signal strength **GSMSignLvl:15** - The numeric value is the value of the signal being received. 0 is the lowest signal and 31 is the highest signal.

2.4 Start Job

- (1) Press the '+' button (3).
- (2) You will hear an audible beep if you have pressed it correctly.
The 'GSM signal' Indicator (8) will start to flash.
- (3) Place the unit to your ear and start speaking, to record a message with details of your lone working job, including name, contact details, work assignment, and location etcetera.
- (4) Press the red 'End Call' button (4) to finish.

The default duration time of a job is 120 minutes.

NOTE	The unit vibrates when it receives a text message to instruct it to start GPS tracking.
-------------	---

2.5 Stop Job

- (1) Press the '-' button (6).
- (2) You will hear an audible beep if you have pressed it correctly.
- (3) You then hear a double beep to confirm that the active LoneWorker job has stopped.

NOTE The unit vibrates when it receives a text message to instruct it to stop GPS tracking.
--

2.6 Track

The unit sends a GPS position every 5 minutes on the default configuration during a job.

2.7 Alarm

- (1) Press the centre red button (2) in an emergency.
- (2) You will hear an audible beep if you have pressed it correctly.
- (3) The unit rings the alarm receiving centre / LoneWorker system on the appropriate pre-configured number.

NOTE You can use this functionality whether you are on a job or not. The conversation is two-way.

- (3) To cancel the alarm, pressing the '-' button (6), to stop the job.

2.8 Extend Job

- (1) Press the '+' button (3).
- (2) You will hear an audible beep if you have pressed it correctly.
- (3) The unit rings the LoneWorker system.
- (4) Hold the device to your ear, listen for the audible beep and then press the red 'End Call' button (4) to hang up.

NOTES	(1) You cannot update your message.
	(2) The default extension time is 10 minutes. This does NOT add 10 minutes to the current finish time. It resets the finish time to 10 minutes after the time that you press the '+' button (3).
E.g.	If the current finish time is 14:20 and at 13:40 you press the '+' button (3), as described above, the finish time will be reset to 13:40 + 10 which is 13:50.

2.9 Charge

When you plug the unit in, to charge the battery, the unit switches on.

Appendix A - GH4000 Indicators

If you wish to find out in which mode and what the device is doing at the time, observe as carefully as possible the status of the three indicators.

Each status indicator consists of 2-colored lamps - one of which is indicating a failure (red) and the other one is indicating a process in progress (green). The red GPS/ALARM indicator, which shows that the Alarm (warning signal) mode is on, is an exception.

Battery	GSM	GPS/Alarm	
			Device is in the NMEA mode
			Device is turned off/in sleep mode
			Device is in the modem emulation mode
	NM	NM	Charging the battery
	NM	NM	Battery is charged fully
NM		NM	Device has opened a GPRS session/active incoming call/active outgoing call
NM	NM		Device found its location
NM		NM	GSM Error (PIN enabled/no operator/bad SIM card)
	NM	NM	Reached the critical battery charge level
NM	NM		Alarm enabled
NM	NM		Device searching its location
NM		NM	Device registering to GSM network

NM - means that it's no matter what LED indicator is blinking at the current moment.