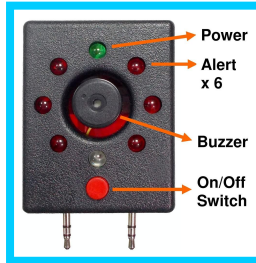


☞ MAGNET FINDER

1. The front of the Magnet finder and the front of this device are in the same direction, insert Magnet finder into the jacks in the bottom side.
Note: The Magnet finder will not work if insertion with wrong side.



2. Magnet finder contains On-Off switch, power indicator, buzzer and 6 warning lights. Press On-Off switch, the power indicator will light up.



3. The upper end of the Magnet finder scan to suspicious place, Magnet Finder will beep if find **magnetic mount GPS tracker**, no matter the GPS tracker is switched on or off.

4. GPS tracker can not send out signals in the place with poor GPS signal, such as: downtown street with high-rise buildings, dense woods, metal shelters, near high-voltage tower and indoor parking lots, etc. This magnetic detector can assist in detecting magnetic mount GPS tracker.

* The Magnet Finder does not have its own power, it has to be attached on this device.

WARNING

Use this device as an auxiliary, supplemental help or aid to prevent the risks caused by GPS tracker, spy camera, cellular phone or other wireless devices. This device does not take the place of all the supervisions. Performance of this Radio frequency (RF) product will be affected by the circumstance of use. The producer and marketing group accepts no liability for any loss or damage by malfunction or misuse.

COPYRIGHT

No part of this manual may be reproduced, transmitted, transcribed, or translated into any language in any form by any means, electrical or mechanical, including photocopying, recording, or information and retrieval systems, without the express written permission of manufacturer. Products mentioned in this manual are for identification purposes only. All brand names appearing in this manual may or may not be registered trademarks or copyrights of their respective companies. The manufacturer reserves the right to change or modify the specifications of any one or all of these products as deemed necessary at any time without prior notification. The manufacturer may further revise this manual from time to time without prior notice.



SH-055UGTM (Global version)

Professional GPS Tracker Detector

☑ Add-on GPS Tracker Magnet Finder

User's Manual

Thank you for purchasing this Hi-tech device. Please first read over this manual for proper use, save this manual and keep it handy.

☞ Expose all 2G / 3G / 4G GPS tracker

This device is **special made of detecting GPS tracker**, no matter what kind of transmission technologies: SM (Short message) or GPRS (mobile data transmission), through various cell networks (mobile phone system) of 2G / 3G / 4G / CDMA, it can surely identify the signal of GPS tracker and protect your privacy.



☞ INSTALL BATTERY

Battery compartment is located in the rear side. Remove the battery cover, install AAA / UM-4 battery x 4 according to the + - indication, then put on the battery cover. This device is **available both dry battery and rechargeable battery**.

Note: Never connect the battery charger or external power bank when to use **dry battery** inside.

The power switch is located in the center of right side with 1 0 marking. Pull out the antenna before use.



☞ POWER-ON SELF-TEST


Every time this device is switched on, this device will do power-on self-test, the LEDs will be lit up. Then the 8 **signal strength indication LEDs** will be put out one-by-one, from 8 7 6 ... to 0. The 7-segment LED also shows 8 7 6 ... to 0 synchronously.

☞ AUTO ENVIRONMENT CHECK


After power-on self-test, this device will run auto environment check. This device will **beep 5 times** to notify the user if switch on this device in the place with strong noise, so as base station, TV station, construction machine or welding processing where emit or occur high electric waves.

This device will be interfered with those noises and could not be able to do detection of GPS tracker in such place, **please change to another quiet place.**


▲ NOTICE TO EFFECTIVELY DETECT GPS TRACKER ▲

1. GPS Tracker can be set to send location data from 15 seconds to 30 minutes or more. **First you must power off your smart phone at airplane mode or switch off the function phone,** to avoid false alarm caused by stand-by signal or dial-in phone call. 
2. It is important to find a quiet place **WITHOUT** interfering with base station or others using mobile phone, and to get accurate detection.
3. Do not try to find a GPS tracker inside the building, underground parking lot or under metal shade shelter. Because GPS tracker will not be activated without GPS signal.
4. This device has two detection modes: 3G(2100MHz), 2G/4G (**5G: 3300~3700MHz**) switchable. Check the most popular system of GPS tracker in your country and set the detection mode accordingly, so as GSM (2G) or 3G 2100. **In USA,** we recommend 2G / 4G setting which cover CDMA.
5. Newest GPS tracker has GSM (2G) / 3G / 4G multi networks. **If do not find GPS tracker after detected by 3G mode, please shift to 2G / 4G mode to do detection again.**

☞ RELIABLE DEFAULT BENCHMARK

The default benchmark is one of our core technology, can fit for different environments all over the world. Every time when turn on this device and after self-test, it will set at default benchmark of **Level 3** automatically and the 7 segment LED will display 3. 

☞ SUPPORT POWER BANK FOR LONG TIME USE

This device has a mini USB port in right bottom side for connecting with Power bank to continue the scan job when the battery power is exhausted. 

○ NOTICE 1: Never connect with computer or notebook, their USB does not supply enough power for this device.

○ NOTICE 2: Remove the DRY battery inside before connecting with power bank or battery charger.

PACKAGE CONTENTS

1.	GPS Tracker Detector	2.	Switching power adaptor x 1
3.	Earphone x 1	4.	Rechargeable batteries x 4 (optional)
5.	USB-Mini USB cable x 1		

SPECIFICATION * Specification may change without notice.

Detecting object	2G / 3G / 4G / CDMA / 5G (3300~3700MHz) GPS tracker, bug (transmitting hidden microphone), transmitting spy camera	
Dimension	L 11.6 x W 7 x T 3.3 cm (not including antenna)	
Weight	about 160g (not including the battery)	
Power	1. 5V DC switching power adaptor 2. AAA / UM-4 rechargeable battery x 4	
Warning mode	1. LED 3. Vibration 5. Earphone silent detection	2. Beep 4. Strong noise alert
Detecting Distance	About 3 ~ 5 meters * The detecting distance will be varied depending on the environment and the brand of GPS tracker.	

▲ ADJUST DETECTING DISTANCE FOR GPS TRACKER ▲

In the place with strong base station (cell tower) signal strength, the 3G output power of GPS tracker will become smaller, this will make the detecting distance shorter at default level 3.

If you could not get signal from GPS tracker, please increase the sensitivity to Level 6 by press the (+) button in left side and scan again.

When set at level 6 and the 8 signal strength LEDs light up, it means the sensitivity is too high. Please press the (-) button to Level 5.

⚠ NOTICE OF USE

1. If you are not going to use this device for a long time, remove the batteries to avoid damage caused by corrosion from battery leakage.
2. Unauthorized repair or disassembly of this device will void all the warranties.
3. Avoid water.
4. Do not store this device in an excessively hot place.
5. Avoid knocks or dropping this device.
6. Never use the antenna of this device to touch a metal surface or the antenna of signal emission source. The quality warranty does not include the damage caused by static electricity or feedback.

🌀 POPULAR PLACES TO HIDE GPS TRACKER

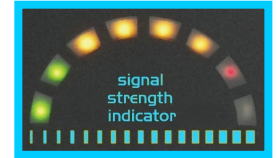
Plastic bumpers, plastic guard of each wheel, under seats, glove compartment, map pocket, armrest box, dashboard, parcel shelves, etc.

🌀 SUGGESTION TO FIND IF CAR HAS GPS TRACKER

The most effective way to find GPS tracker hiding **inside** the car is to drive in empty ball field or parking lot to keep GPS tracker in motion and active. During driving, the GPS coordinates will be changing, the GPS tracker will emit signal regularly according to the installer presetting interval timing, so as once per 10, 30 or 60 seconds. This device will display the detection clearly at every update and confirm if tracker installed on car.

🌀 8-LED SIGNAL STRENGTH INDICATION

The 8-LED bar will light up according to the signal strength from low to high, green → yellow → red, higher signal, more LED.



🌀 SMART INDICATION OF ALL STATUS



No.	NAME	DESCRIPTION
1	Power	Switch on
2	Beep - Vibra	Beep – LED on, Vibration – LED off
3	2G / 4G	2G/4G/5G(3300~3700MHz) detection mode
4	3G	3G 2100 detection mode
5	Detecting	In detecting
6	GPS Tracker	Detected signal of GPS tracker
7	Battery low	Battery power running down
8	Charging	Status of battery charging

🌀 TWO KINDS OF WARNING

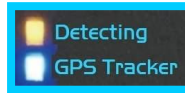
Press and hold the minus (-) button in the left side for 3 seconds, this device will be shift the warning mode between beep and vibration. The default warning is Beep.

1. **Beep:** Audible alarm (default)
2. **Vibra:** Vibration



☞ AUTO INDICATION OF DETECTING STATUS

1. **Detecting:** Yellow LED blinking
2. **GPS Tracker:** When to detected radio wave from GPS tracker, the blue LED will light up. The 8-LED of signal strength indicator will also light up and the buzzer goes off at the same time.



☞ BATTERY & CHARGING STATUS

1. **Battery Low** Warning of battery power running down.
2. **Charging** When starts charging, indication lights up in red as quick charging, when charging to about 70%, it will change to slow charging, the indication shift to green.



☞ ADJUSTMENT OF DETECTION SENSITIVITY (DISTANCE)

1. This device applies new digital sensitivity adjustment technology, **the default sensitivity is level 3**. Press once the minus (-) button in left side can lower one level of the sensitivity. The 7 segment LED will show 2, the detecting distance will become shorter.
2. **Level 1** is the lowest sensitivity and **Level 6** is the highest sensitivity.
3. Press once the plus (+) button can increase one level of the sensitivity. If can not detect radio wave at level 6, **change to another direction** to continue the detection of GPS tracker.
4. Most GPS trackers have motion sensor to sense unusual movement. Keep car moving more the 10 MPH or 20 feet at a time, then sweep again before GPS has time to go back to sleep from non-motion.
5. Keep doing this will keep the GPS tracker activated to send signal which will let this device find and locate the unauthorized GPS tracker.



☞ SET DETECTION MODE - according to the cell network used in most popular GPS tracker in market

1. **Press and hold** the upper button in left side for 3 seconds can shift the detection mode.



2. This device has two detection modes: 2G / 4G and 3G 2100.
3. General GPS tracker applies with GSM (2G) technology, newer model has 2G+3G technologies, the advanced model has 2G+ 3G + 4G technologies.
4. If set at **2G / 4G** detection mode, the **yellow LED** will light up.
5. If set at **3G (2100MHz)** detection mode, the **red LED** will light up.

☞ ADDITIONAL BONUS FEATURE: DISCOVER 3G / 4G BUG & TRANSMITTING CAMERA



1. This device has additional features of exposing and searching 3G / 4G new bug (transmitting hidden microphone) and transmitting spy camera.
2. To detect 3G / 4G new bug (transmitting hidden microphone) and transmitting spy camera, please **set the detection mode at 3G**, most of those new bug and spy camera are applied with 3G 2100 technology.
3. In the countries **without 3G 2100**, please set the detection mode at 2G / 4G which cover CDMA, 3G 850, 900, 1900, and **5G(3300~3700MHz)**.
4. The default sensitivity is Level 3 which is special for exposing GPS tracker. Press the plus (+) button in left side once, the sensitivity will increase to level 4, the 7 segment LED will show 4 and the detecting distance will become longer. The highest sensitivity is **Level 6**.
5. When detected the radio wave under Level 6, press the minus (-) button once, the sensitivity will lower one level and the 7 segment LED shows 5. The detecting distance will become shorter.

☞ DETECT STANDBY / IDLE PHONE

When the signal strength of cell site weakens, the cellphone will re-scan the cell site to do new registration automatically. Or the cell site will initiate registration on its own by sending a signal to the cell phone causing the phone to transmit and identify itself.

This device can detect the standby / idle phone when it does registration with the cell site. The interval time and number of times of registration is different among different networks and cell phones.