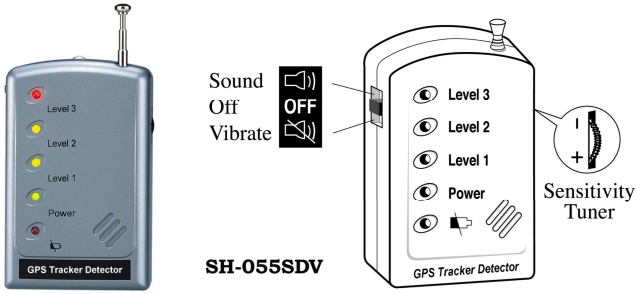
High sensitivity

GPS Tracker and GSM Bug Detector

User's Manual

Thank you for purchasing the GPS Tracker Detector. Please first read over this manual for proper use, save this manual and keep it handy.



GENERAL

This device is specially made for detecting GPS tracker, GSM bug and GSM phone, **no miss alarm by people using 2-way radio, cordless phone or wireless camera** around.

This device has 3 LEDs indicating the detected signal strength. When detect GSM signal, the LED will light from **Level 1** to **Level 2** to **Level 3**, and the beeping sound will change from **Slow** to **Rapid** indicating the strength of detected signal.

This device also has **VIBRATE** mode for covert detection. Or connect the earphone for silent detection without other's aware.

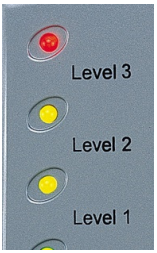
HOW TO OPERATE

1. Slide and remove the battery lid, install two AAA/UM-4 batteries matching correct (+) and (-) poles as indicated, then slide the battery lid back.

2. Pull out the antenna and turn on the switch to upper side

3. The power LED will go Green to confirm the detector is operation correctly.

4. Before start to scan the vehicle for GPS tracker or an environment for GSM bug, first set up the sensitivity threshold. Turn the Sensitivity Tuner to + (plus) side and let Level 1 ~ Level 3 all light up, then turn the Tuner to – (minus) side to let the 3 Level indication LEDs all off and leave only Green power LED light up.

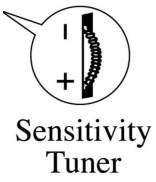


5. When you switch on this device and the Level 1 and Level 2 LED light up, it means the detecting threshold is too sensitive. Turn the Sensitivity Tuner to - (minus) side to decreases the sensitivity until only Green power LED light up.

6. Most GPS trackers have motion sensor to sense unusual movement. Keep rocking the car and will activate the GPS tracker to send signal which will help this device find and locate the unauthorized GPS tracker.

7. When this device detects GSM phone signal, the strength LED will light up, from Level 1 (Yellow) -> Level 2 (Yellow) -> Level 3 (Red) indicating the strength of detected signals. Meanwhile, the buzzer will be beeping.

SENSITIVITY ADJUSTMENT



Turn the Sensitivity Tuner to - (minus) side to decrease the sensitivity and the detecting distance will be shorter. Turn the Sensitivity Tuner to + (plus) side to increase the sensitivity and the detecting distance will be longer.

INTERFERENCE (BACKGROUND NOISE) ELIMINATION

1. The Sensitivity tuner is also used to eliminate the background noise (interference).

2. If the scan environment has other noises that interfere with your detector, the strength indication LED will light up.

3. If this condition appears, adjust the sensitivity by turning the Sensitivity Tuner to - (minus) side to decrease the sensitivity until only Green power LED light up.

4. In normal condition, when turn on the power, only the Power LED goes Green to confirm the detector is in normal condition.

LOW BATTERY WARNING

When the detector is switched on and the LED in the bottom with a battery icon is Red, it means the batteries run down. Please replace new batteries.

NOTICE OF USE

1. When this device is not use 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.

SPECIFICATION

Power	AAA/UM-4 battery x 2, 3V DC
Detecting frequencies	GSM phone signal
Dimension	L 87 x W 55 x H 24mm
Weight	70g
Warning mode 1	Audible alarm and 3 LEDs
Warning mode 2	Vibration and 3 LEDs
Warning mode 3	Silent, 3 LEDs and earphone hearing
Detecting Distance	up to 7 meters radius, depending on the type and model of GSM phone

* Specification may change without notice.

Detecting Distance: * The signal of cellular phone sending and receiving text message is shorter, so the detecting distance of sending and receiving text message might be shorter than normal phone call. The detecting distance will be varied depending on the type and model of signal sources.

WARNING

Use this device as an auxiliary, supplemental help or aid to prevent the risks caused by GPS Tracker or GSM bug. 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.

 Made in Taiwan

Q: We do not know how to operate detector correctly, does the detector has special operation method?

A: No. it does not need any special operation method, just different definition on the warning.

It will verify received signal is GSM signal or not. If it is GSM signal, the detector will beep or vibrate to notify the user. If it is other wireless signal, the detector will beep in silent (only showing light).

Q: It will beep and vibrate when scan the GSM bug, but when to detect other wireless camera and wireless bug, the LEDs lighting up, but neither beeping nor vibration.

A: Yes. it is a high sensitive detector, it surely can detect RF (radio frequency) signal during 50 MHz ~ 6.0 GHz. The LEDs lighting up indicates that there is wireless device operating around. No beeping or no vibration means that the signal is not a GSM signal.

Q: I used the GPS tracker detector to detect a GPS Navigator. Why not working?

A: There are people confused with any GPS tracking device or a GPS navigation device is a GPS tracker, which is incorrect.

A GPS detector will detect a GPS Tracker such as a Data Pushers and Personal Tracking device (not including a data loggers) when the tracker is in active mode.

Please also be noted: There is no detector in the market be able to detect a GPS tracker in a standby mode. For further information about different GPS tracking units, please read--> http://en.wikipedia.org/wiki/GPS_tracking_unit

Types of GPS tracking Unit can be detected by detector

Type of GPS	Does it have a built-in TX?	Can be detected?
GPS navigator	Majority has no TX; only RX	No
Data Logger	No TX; only RX	No
Data Pusher	Yes	Yes
Personal Tracking	Yes	Yes
Asset Tracking	Yes	Yes
Data Puller	Yes	Yes

Note: TX stands for GPS transmitter; RX stands for GPS receiver