

# User's Manual

## Suresafe™

### SH-055DV RF Signal Detector

- \* with Analog / Digital select switch
- \* Exposing Spy Camera, Bug, Cellular Phone and Bluetooth, etc.

Thank you for purchasing the Suresafe™ RF (Radio Frequency) Signal Detector. Please first read over this manual for proper use, save this manual and keep it handy.

#### GENERAL

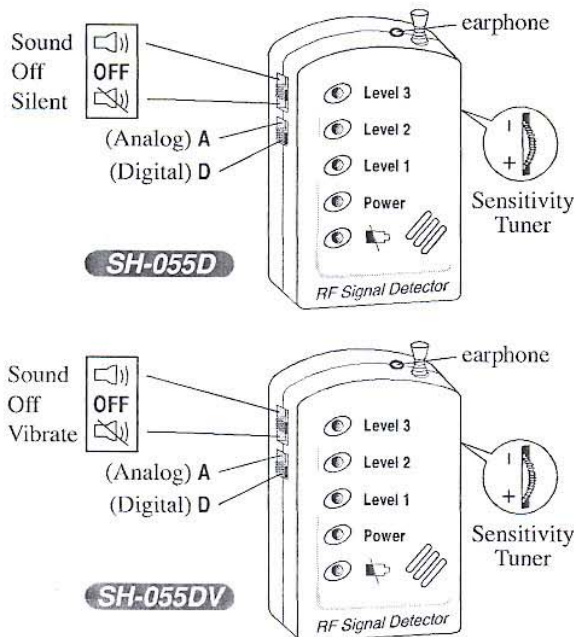
This device applies with fuzzy scanning technology to detect peeping cameras, bug, cellular phones and other radio frequency devices. This device surely avoids being peeping or tapping to protect privacy or protect information being disclosed secretly.

This device has 3 LEDs. When detect cellular phone or peeping camera, 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.

- *SH-055D*: This model also has **SILENT** detection to reduce the embarrassing of beep sound when scan an environment.
- *SH-055DV*: This model also has **VIBRATE** detection to warn you when you do not hold this device in hand to scan an environment.
- Besides, you also can detect by earphone hearing without others aware.

This device has a new digital amplifier to heighten the indication for the digital signals of Bluetooth, WLAN, Wi-Fi, cellular phone and Digital Spread Spectrum wireless products, etc.

#### PRINCIPLE PARTS



#### 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 (Green) will be lit up to confirm the detector is operation correctly.
4. If the strength LED is lit up and the buzzer goes off, adjust the sensitivity by turning the Sensitivity Tuner to - (minus) side to decreases the sensitivity until the Level 1 (Yellow) LED slightly lights up.
5. When the detector detected a cellular phone or wireless hidden camera, the strength of indicator will be lit up, from Level 1 (Yellow) -> Level 2 (Yellow) -> Level 3 (Red) indicating the strength of detected signals.
6. Meanwhile, the buzzer will be beeping and the sound will be changing from slow to rapid, indicating the strength of detected signals.

#### SILENT DETECTION

- *SH-055D*: Set the power switch to bottom **SILENT** mode.
- *SH-055DV*: Set the power switch to bottom **VIBRATE** mode.
- By earphone hearing.

#### ANALOG / DIGITAL SELECT SWITCH

The signal of wireless camera, hidden microphone and walkie talkie (2-way radio) are analog signal. The signal of bluetooth, WLAN, Wi-Fi, cellular phone and digital spread spectrum products are digital signal.

Usually, set the A-D switch to **A**. When detected analog signals, the LED of the detector will light up without blinking and the buzzer will go off continuously.

When detected digital signals, the LED of the detector will be blinking and the buzzer will go off discontinuously and small sound. Set the A-D switch to **D**, it will have stronger indication for the digital signals of Bluetooth, WLAN, cellular phone and Digital Spread Spectrum wireless products, etc.

#### SENSITIVITY ADJUSTMENT

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

#### LOW BATTERY WARNING

If your detector is turned on, and the bottom LED (Red) lights up without blinking, it means the batteries run down. Please replace new batteries.

## 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 be lit up.
3. If this condition appears, adjust the sensitivity by turning the Sensitivity Tuner to – (minus) side to decrease the sensitivity until the Level 1 (Yellow) LED slightly lights up.
4. In normal condition, when turn on the power, only the Power LED (Green) lights up to confirm the detector is in normal condition.

## FEATURES

1. Detecting frequency from 50 MHz ~ 6.0 GHz covering all kinds of hidden cameras, bugs, cellular phones, Wi-Fi and bluetooth, etc.
2. Fuzzy technique of multi-channel scanning.
3. Audio and light warning indicate the strength of detected signals.
4. Three kinds of detecting method for selection: Sound, Silent or Earphone hearing, fit to use anytime, anywhere.
5. Advanced sensitivity tuner for background noise elimination and distance adjustment.

## 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 impact or dropping this device.

## HOW TO DISTINGUISH IF IT IS A SIGNAL OF WIRELESS CAMERA OR HIDDEN MICROPHONE OR CELLULAR PHONE ?

The signal waves of wireless camera and hidden microphone is continuous wave, so the LED of the detector will light up without blinking when the detector detects a wireless camera or hidden microphone. And the buzzer will go off continuously.

The signal waves of cellular phone is pulse wave, so the LED of the detector will be blinking when the detector detects someone uses cellular phone. And the buzzer will go off discontinuously and small sound.

## SPECIFICATION

|                               |  |
|-------------------------------|--|
| <i>Power</i>                  | <i>AAA / UM-4 battery x 2, 3V DC</i>                                     |
| <i>Detecting frequencies</i>  | <i>50 MHz - 6.0 GHz</i>  |
| <i>Dimension</i>              | <i>L 87 x W 55 x H 24 mm</i>   |
| <i>Weight</i>                 | <i>70 g</i>  |
| <i>Warning mode 1</i>         | <i>Audible alarm and 3 LEDs</i>  |
| <i>Warning mode 2</i>         | <i>Silent, only 3 LEDs (SH-055D)<br/>Vibration and 3 LEDs (SH-055DV)</i> |
| <i>Warning mode 3</i>         | <i>Silent, 3 LEDs and earphone hearing</i>                               |
| <i>Detecting Distance :</i>   |  |
| <i>5.8GHz Wireless camera</i> | <i>about 2 feet (regular 10mW)</i>                                       |
| <i>2.4GHz Wireless camera</i> | <i>about 5 feet (regular 10mW)</i>                                       |
| <i>Cellular phone (1)</i>     | <i>about 20 feet (set at Analog)</i>                                     |
| <i>Cellular phone (2)</i>     | <i>about 40 feet (set at Digital)</i>                                    |

\* Specifications may change without notice

## WARNING

Use this device as an auxiliary, supplemental help or aid to prevent the risks caused by hidden 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.

Copyright 1999-2003, All rights reserved.

Suresafe™, Pro Hunter™ are trademark of the manufacturer.