

Made for general use, no need of professional electronic training or knowledge

## SH-055UF5 5-Band 2G / 3G / 4G Cellphone Detector



### FEATURES

#### 1. Multiple Detector Modules

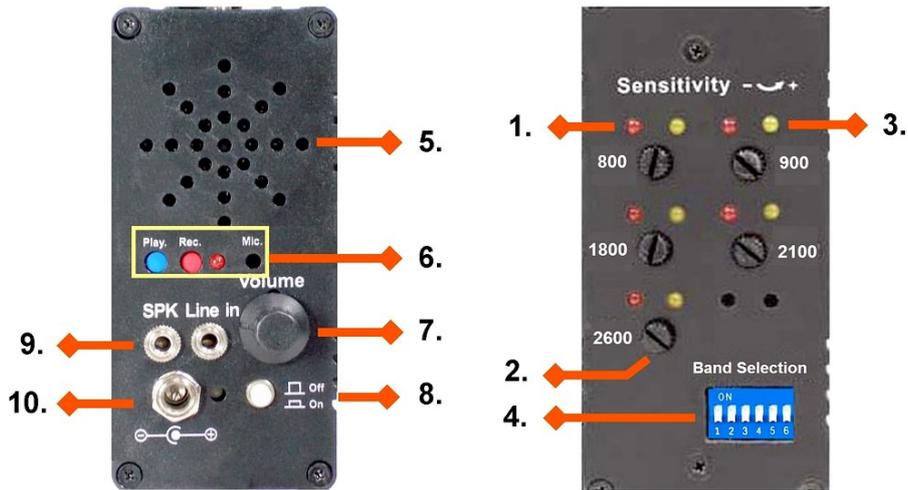
This device consists of multiple detector modules. Each detector module is like a miniature spectrum analyzer, detecting specified frequency range.

#### 2. Respective Identify & Display All The Detected Frequencies and Networks at the same time

Each detector module has a **separate signal detection indication**. If there are various cellphone operating in same room, so as people use cellphone with different networks: talking on GSM 900 phone, mobile internetting on 3G 2100 and 4G 1800 smart phones, etc. this device can respective identify and display the frequency and network of all detected signals at the same time.

#### 3. Locate and Find Out The Signal Source

Each detector module has a **separate sensitivity tuner** which allows user to gradually decrease sensitivity to shorten the detection distance, to **locate and find out the signal source**.



No.	DESCRIPTION	No.	DESCRIPTION
1	Red – Trigger indicator	6	Voice recording
2	Sensitivity tuner	7	Volume control
3	Sensitivity indicator	8	On / Off switch
4	Band selector	9	Extension speaker
5	Speaker	10	Power input

Multiple warning modes	
1. LED indication	3. Relay output for triggering external alarm device
2. Voice warning message	4. Acrylic light panel

## Detecting Frequency Bands

The frequency bands of this device can be custom made coordinating with customer's order. We are able to supply all the cell phone frequency bands, including 2G / 3G / 4G (LTE). This device is not only detect cell phone communication and mobile internetting, but also the new GSM / 3G bug and 3G spy camera. This device can indicate the frequency band (network) of detected signal clearly, 4G 800 or 3G 2100, etc.

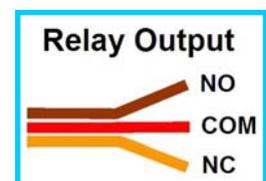


## Sensitivity Tuner, Threshold and Detection Indication

1. Each detector module of this device has separate sensitivity tuner for user to set up the detecting threshold to fit the environment.
2. When to detected signal, the red LED will light up as detected indication.

## Relay Output

This device has relay output of NO (Normal Open) and NC (Normal Close) for connecting with external alarm system.



## Standby / Idle Phone Registration Detection

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.

### Specifications: \* Specification may change without notice.\*

<b>Dimension</b>	L 275 x W 103 x H 50 mm (not including antenna)
<b>Weight</b>	about 1.3 kgs
<b>Power</b>	1. Switching power adaptor 2. Build-in rechargeable battery
<b>Detection Cellphone network</b>	2G / 3G / 4G Cell phone frequency bands coordinating with customer's order
<b>Battery life</b>	About 1 hour after full charge
<b>Battery low warning</b>	Red LED
<b>Warning mode</b>	1. Red LED 2. Voice warning 3. Acrylic light panel 4. Relay output, NO / NC
<b>Sensitivity Tuner</b>	Set up the detecting benchmark to fit the environment
<b>Detecting Distance</b>	1. 3G / 4G smartphone: up to 20 meters 2. 3G bug, 3G spy camera: up to 5 meters 3. GSM cellphone and GSM bug: up to 40 meters

- The signal of cell 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 output power strength of signal source.

OEM / ODM  
are welcome

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