Setup Wifi windows *

12:07		◷ ▼◢▮
← Scan and add allowed networks		⟳
UPC164514E(90:5c:44:ae:dc:b1)	-57 dBm	☑
WLAN1-78LHBJ(c4:06:83:87:c5:22)	-90 dBm	☐
Ekowifi101(00:18:4d:87:6d:7c)	-98 dBm	☐
Vodafone-0B38(90:5c:44:4d:4a:03)	-88 dBm	☐
T-3cCG4R_2G(b0:bb:e5:e6:31:f6)	-89 dBm	☑
O2-internet-056(80:8c:97:e3:ea:98)	-68 dBm	☑
TP-Link_B61B(60:32:b1:70:b6:1b)	-89 dBm	☑
MujO2Internet_351B66(28:ff:3e:35:1b:66)	-73 dBm	☑
O2-internet-056(80:8c:97:e3:ea:9d)	-66 dBm	☐
UPC164514E(90:5c:44:ae:dc:c6)	-63 dBm	☑

← Re-Scan

← Marked as Allowed networks/ devices

12:07	◷ ▼◢▮
← Saved allowed networks	🗑
UPC164514E(90:5c:44:ae:dc:b1)	
O2-internet-056(80:8c:97:e3:ea:98)	
MujO2Internet_351B66(28:ff:3e:35:1b:66)	
TP-Link_B61B(60:32:b1:70:b6:1b)	
T-3cCG4R_2G(b0:bb:e5:e6:31:f6)	
UPC164514E(90:5c:44:ae:dc:c6)	

Delete all Allowed networks/ devices

Swipe to Delete one Allowed networks/ devices

*Setup BT allowed devices is the same way.

Mobile phone detector

«EH-Dphone»

Operating manual

ProponentS
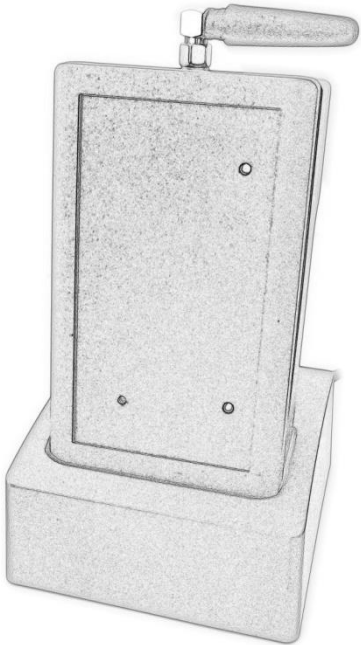
Description and operation

EH-Dphone monitors the mobile phone uplink bands to detect the presence of unauthorised units and help locate them.

The device allows to control wireless Wi-Fi networks, DECT and bluetooth devices. EH-Dphone analyze signals in the ranges of downlink base stations to detect jammers.

Technical characteristics.

Name	Value
Frequency (variant for EU)	880 – 915 MHz 2G/3G 832 - 862 MHz 4G 1715 - 1785 MHz 2G/4G 1900 - 1980 MHz 3G/4G 2510 - 2570 MHz 4G 703 - 733 MHz 5G 1880 - 1900 MHz DECT 2401 – 2495 MHz BT IEE802.11a,h,g,n
Radius of detection	up to 30 meters
Sensitivity, dynamic range	-85 dBm, 65 dB
Power supply	Internal lithium-ion battery runtime up to 6 hours (12 hours in low power mode)
Antenna	Internal, ext SMA-connector
Operating conditions: operating temperature range operating temperature limits during transportation and storage	+5C…+40C -10C…+50C
Dimensions of the main unit of the product (not more than)	74*136*32 mm
Weight of the product (not more than)	200 g

Localization and Jammer windows

Band for localization

NOTE
use an external
directional antenna

Power meter

Graph of BASE STATION
DownLink 2G
(power spectrum)
of signals from base to
phones.

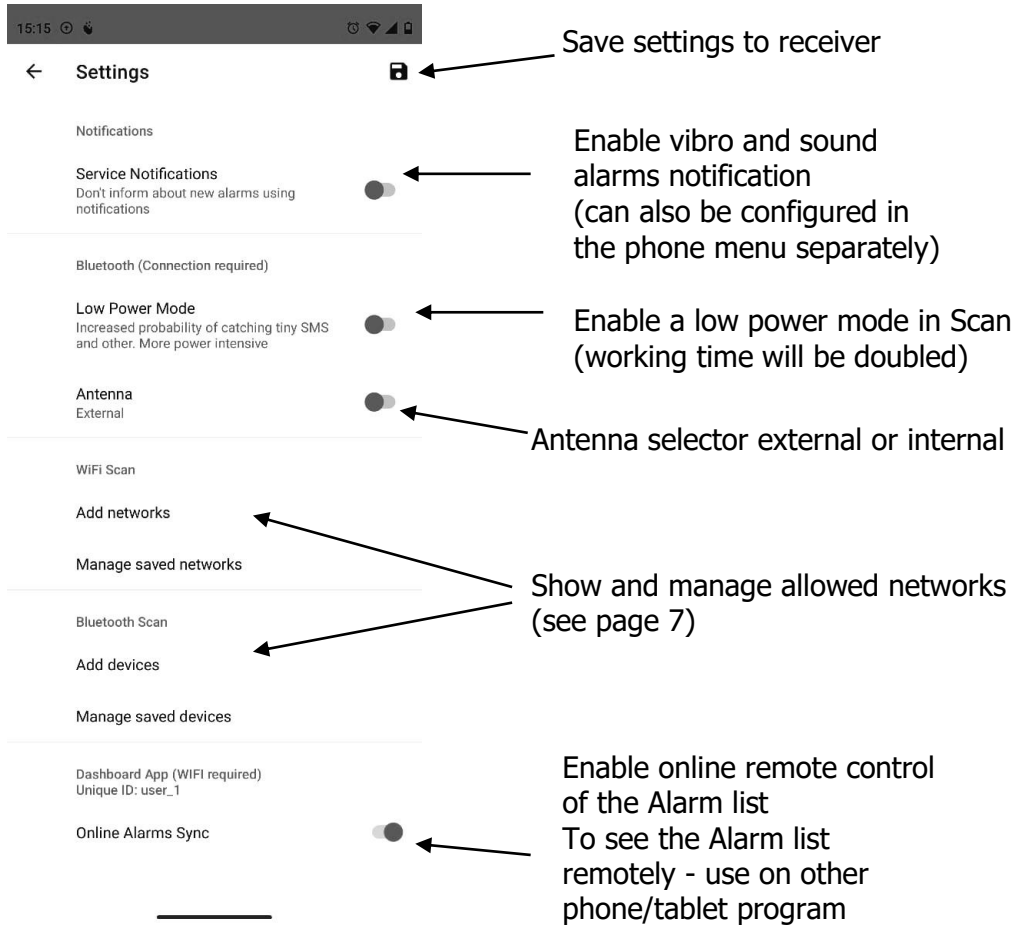If the power level does not
change over the frequency
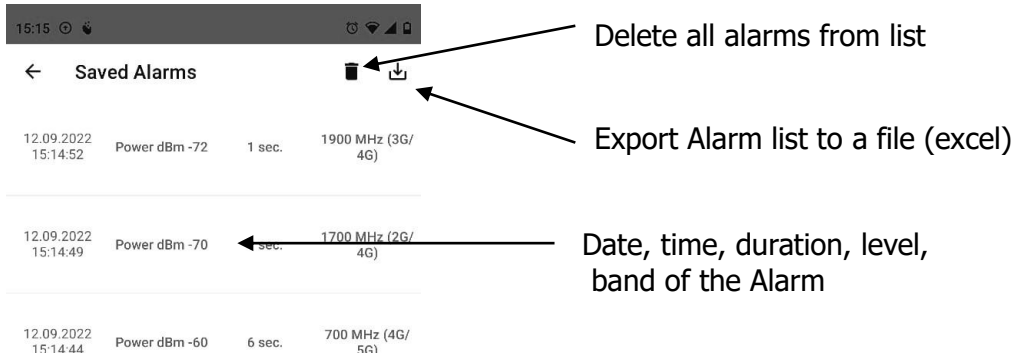range of the band, then
 the jammer is detected.

Settings window

Save settings to receiver

Enable vibro and sound alarms notification
(can also be configured in the phone menu separately)

Enable a low power mode in Scan
(working time will be doubled)

Antenna selector external or internal

Show and manage allowed networks
(see page 7)

Enable online remote control of the Alarm list
To see the Alarm list remotely - use on other phone/tablet program

Saved Alarms window

Delete all alarms from list

Export Alarm list to a file (excel)

Date, time, duration, level, band of the Alarm

EH-Dphone parts

The set of parts include:

Name	Quantity
Main unit	1
Station (for charging with AC adapter)	1
USB FLASH with software	1
Regular packing	1
User manual	1
Extended kit	
Tablet (with OS Android)	
External 650-3000 MHz directional antenna with RF cable	
External SMA omnidirectional antenna	
Pelican hard carrying/shipping case	

Features

The scan period of all frequencies is less than 30 ms, which makes it possible to detect short packets.
Multi-stage filters ensure that no out-of-band signals are introduced.
A long battery life is up to 12 hours. A convenient charging station is included.

The alarm-list can be downloaded in an excel-compatible format suitable for a personal computer.
The current device alarm-list can be accessed via the Internet online from anywhere in the world.

The compact main module can be located separately from the control device in an inconspicuous place. That allows operator use the control device (a smartphone or a tablet) in the hands or pocket without attracting attention.

Versions of the device with different frequency settings are available for all regions of the world.

Construction

Structurally the construction of EH-Dphone consists of the following components: the main receiver unit (1), the external SMA connector and antenna (2), the charging station (3).
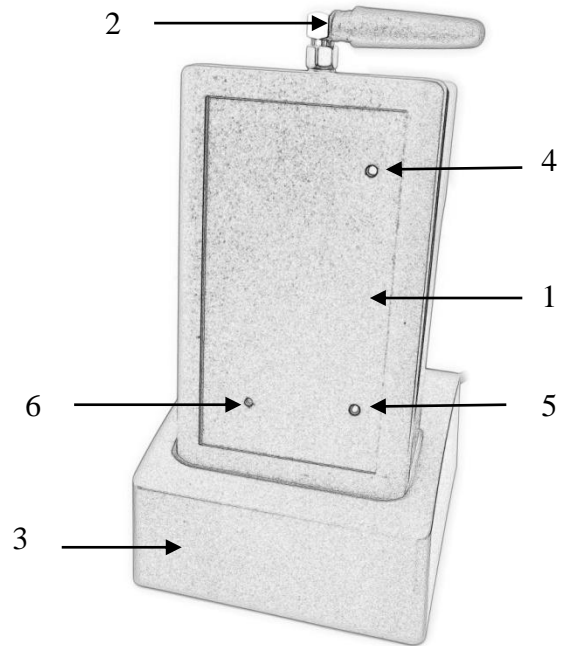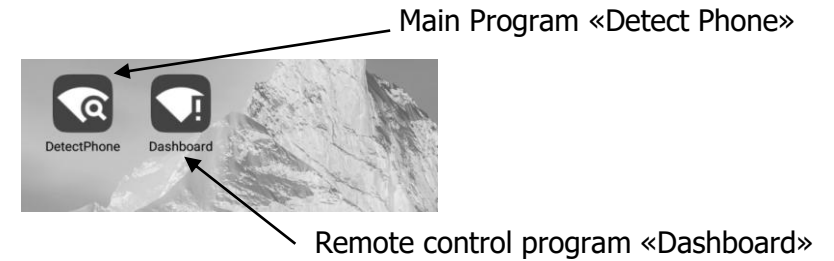The appearance of the product is shown in the figure1.

2

4

1

6

5

3

Figure 1

Power On LED green indicator (4);   Charging LED yellow indicator (5);
Reset device button (6).

Operation with EH-Dphone

Install programs on the control device. Run the program and press the connect button. The device should turn on the green LED (4), which means it is ready for operation.

Main Program «Detect Phone»

Remote control program «Dashboard»

«Detect Phone» main window

Receiver status

Battery status

Auto alarm levels setup
Set to zero alarms counters

Peak (single sector) and average levels of signal in band, alarm counter.
Alarm level can be change manually for each band

For WiFi and BT show quantity of devices/networks except those marked as allowed (in the settings window)

Control buttons
1-st : click the Connect button (BT, GPS must be enabled in phone).
To start work click the Start button.