

JMDHKK®

JMDHKK®

User Manual

Model: K20

Factory Warranty

JMDHKK pursues outstanding product quality and excellent customer service.

Your purchase is covered by the warranty of 60-days Money-Back & 1-Year Free Replacement & Lifetime Free Repair.



Scan the QR code to activate the factory warranty and access 1:1 technical support and after-sales service.

Contact us

You can find the basic operating instructions for the K20 RF detector in the user manual. For further assistance, please add our after-sales service contact and respond with the corresponding number for specific support:

Email: techsupport@jmdhkk.com

Phone&WhatsApp: [+31 633457300](tel:+31633457300)

Website: www.jmdhkk.com

Introduction

Caution!

This device is purely a detector and alarm designed to detect and find unknown or unwanted bugging devices/hidden cameras or other spying devices, for purpose of protecting your privacy and information security. It is merely used to detect the signals, show signal strength, and give alarms when signal is close enough, however, it does not emit, transmit, jam, block nor interfere with any radio communication signals, and it doesn't cause any harmful interference. Please operate this device in accordance with the this instruction manual.

Note: *This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.*

With the rapid advancement of technology, spying devices have become readily available on the market and can be easily concealed. These devices, such as tiny pinhole cameras, recording devices, or bugs, can be hidden in everyday objects like clocks, pens, chargers, smoke detectors, lamps, vases, flowerpots, vents, power sockets, and more. They may lurk in a corner, secretly monitoring you without your knowledge. Therefore, it is crucial not to disregard your privacy and security concerns.

Now is the time to combat these threats with cutting-edge technology!

Introducing the new JMDHKK K20 RF Detector, a police-grade handheld device meticulously crafted to detect and pinpoint various surveillance devices, including hidden cameras, wireless listening devices, GPS trackers, GSM listening devices, and other wireless video and audio bug devices. Equipped with advanced German technology and a built-in German chipset, this detector boasts high precision and robust anti-interference capabilities, detecting both analog and digital signals with a large range.

The K20 RF Detector is a versatile 3-in-1 multi-function detector featuring RF Signal Detection, Magnetic Field Detection, and Camera Finder capabilities.

It can effectively locate suspicious devices in hotel rooms, Airbnb rentals, bedrooms, bathrooms, dressing rooms, meeting rooms, and other areas.

This portable and user-friendly device is indispensable for travelers, women, businessmen, and professional anti-surveillance technicians. It also makes for an excellent tech gift for your loved ones.

Parts and Components



Operating Instructions

I. RF Signal Detection Mode

Working Principle

The RF detector is a wireless signal receiving device that operates based on wireless characteristics. It detects signals emitted by nearby wireless devices within a large range. As the detector approaches the wireless signal source, the signal strength increases, and the alarm becomes stronger, allowing for the accurate location of the wireless signal source.

Importantly, the product itself does not emit any wireless signals. When signals from other devices reach a certain strength, the detector triggers an alarm to alert personnel to inspect the area where the alarm is activated. This helps in detecting and finding suspicious devices.

Operate Instructions

1. Install the RF antenna on the ⑨RF Antenna Port.
2. Rotate the ③On/Off Knob to switch on detector and it automatically enters RF Signal Detection mode (the ⑥MS Pilot Light on with red colour.)
3. Calibrate the sensitivity in your environment by rotating the ③Sensitivity Knob Clockwise to increase sensitivity, the ⑦Signal Strength LED Bar may getting fully red and detector stay beeping, then you need rotate the ③Sensitivity Knob Counterclockwise

to decrease sensitivity until the ⑦Signal Strength LED Bar getting flash green and stop beeping, at this point, detecting sensitivity is correctly calibrated.

(Tips: Please stay away from the known signal emission sources as much as possible when you calibrate the sensitivity.)

4. Short press the Alarm Mode Switch  to select the alarm mode you need (Sound or Vibration mode).

5. Start scanning the area with your detector.

Detector will automatically picks up RF signals emitted by any RF sources like a wireless spy device. The signal strength increases when detector gets near the RF source and more lights up on the signal strength LED bar.

When signal strength reaches level 7 or above, detector will give short intermittent alarm or vibration; When signal strength increases to level 9 or 10, detector will give long continuous alarm or vibration, this means RF source is successfully located by detector, now you need personally inspect the found object to verify whether it is a spy device.

(Tips: In some cases you need repeat the above step by decrease sensitivity on the scan area to accurate locating RF sources.)



Notes:

If detector keeps beeping or vibrating, there are two possibilities:

- First check whether there are emission sources around the detector, if so, keep the detector away from these known sources as much as possible, and try again. (Common emission sources such as: mobile phones, smart watches, routers or devices from behind the wall/ door, etc.)
- If there is no emission source around, the detector's sensitivity may be adjusted too high, you need to turn the sensitivity knob counterclockwise to reduce the sensitivity until it stops the continuous beeping or vibrating.

Be noted that some RF devices do not emit signals continuously, but every few seconds, minutes, or even hours, in this case the detector may not be able to catch up the signal in the right moment, you usually have to try a few times.

II. Magnetic Field Detection Mode

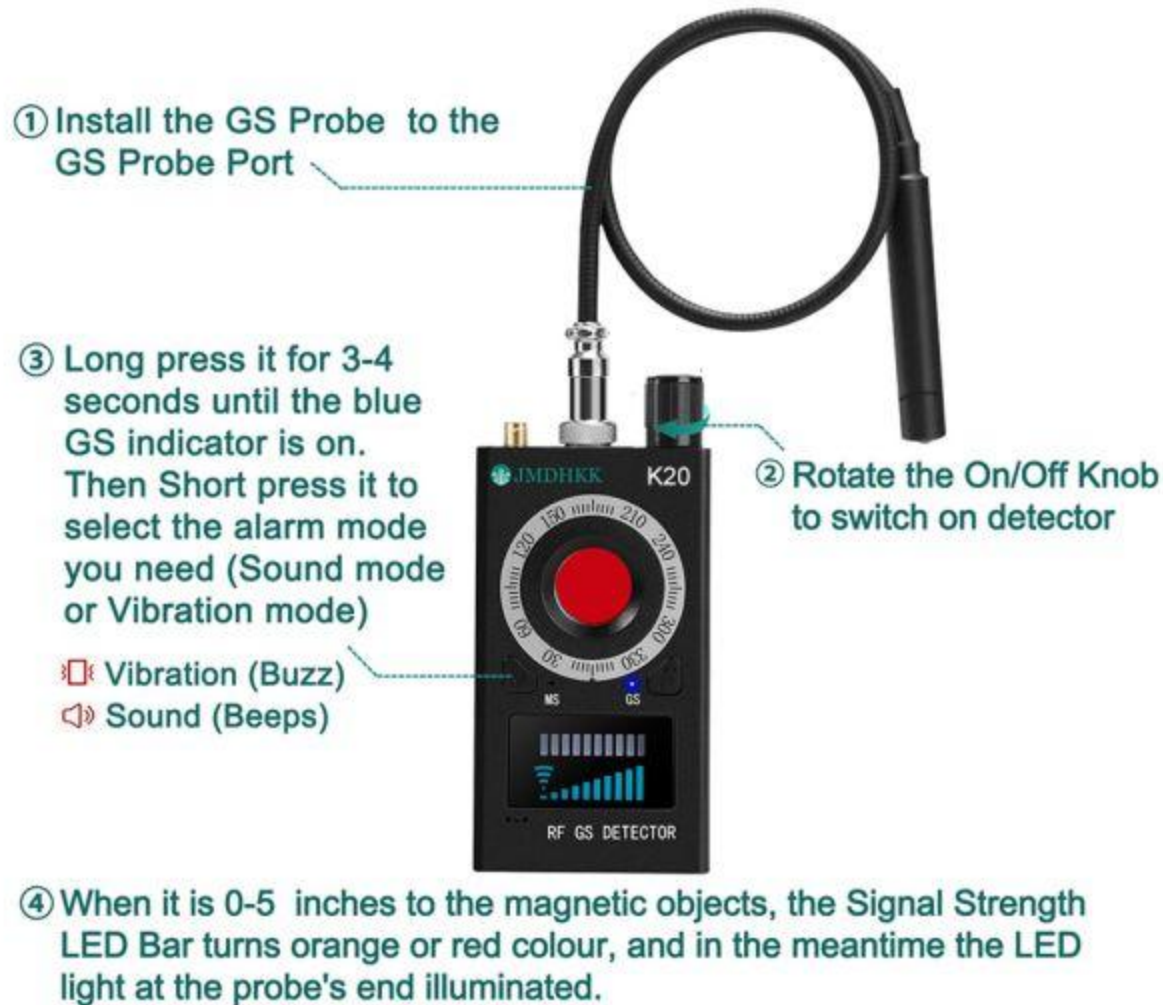
Working Principle

Our product features a magnetic induction probe located at the top of the magnetic detection antenna. In practical applications, GPS tracking devices often use magnetic mounts for easy installation, meaning they have strong magnetic properties. When our product is set to magnetic detection mode, the magnetic induction probe will trigger an alarm if it approaches a magnetic object. This alerts detection personnel to inspect the area where the alarm is activated, achieving the goal of detecting magnetic GPS tracking devices.

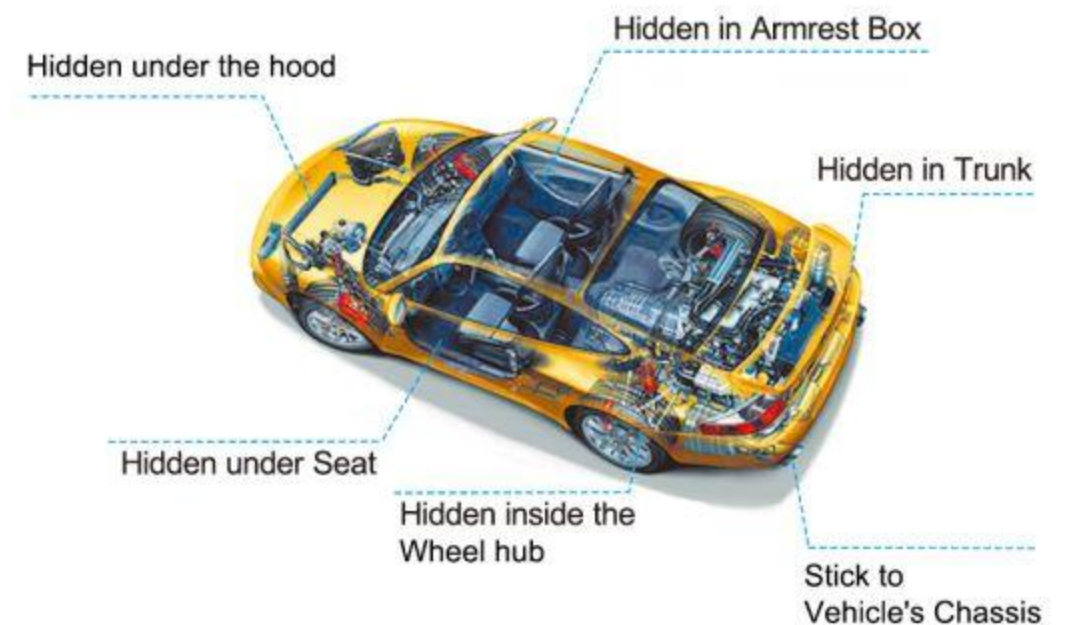
Operate Instructions

1. Install the ①GS Probe to the ⑩GS Probe Port.
2. Rotate the ③On/Off Knob to switch on detector and long press the Detection Mode Switch  for 3-4 seconds until the blue GS pilot light on, it enters Magnetic Field Detection mode.
3. Short press the Alarm Mode Switch  to select the alarm mode you need (Sound mode or Vibration mode). Now detector be ready to detect any magnetic things. Due to the difference of the magnetic field strength, detector stays beeping or vibrating when it is 0-5 inches to the magnetic GPS trackers, spy devices,

magnetic miniature camera or any other magnetic things, the ⑦Signal Strength LED Bar turns orange or red colour, and in the meantime the LED light at the probe's end illuminated.



GPS Trackers Are Usually Hidden in These Locations



III. Camera Finder (camera detector)

Working Principle

All camera lenses are processed by special coating, which is very easy to reflect light, based on the principle of light reflection, the observation window of our detector is also a lens with special filter treatment, the 6 red LED lights on the back side of the detector continuously emits a frequency flash light or stable light, through the observation window of the detector, the "bright spot" reflected by the camera lens can be observed, no matter the camera is turned on or not.

Operate Instructions

1. Rotate the ③On/Off Knob to switch on detector.
2. Keep the ③On/Off Knob & sensitivity knob at the minimum sensitivity position.
3. Short press the LED light Switch  to turn on the 6 red LED light on the back side.

Now detector is ready to help you find any hidden cameras.

Move around and look through the ④View Finder by using one eye, the red LED light will be reflected by any hidden cameras lens, you will see a bright spot. Manually determine whether the bright light spot is a hidden camera.

(Tips: To make it easier for the detector to help you find hidden cameras, please turn off lights, close curtains or shutters, etc. to create a low-light environment.

For the detection angle, it will be better if you look straight through the View Finder or try to rotate the detector in front of the eyes by $\pm 15^\circ$, if the angle is too big between the detector and the camera, the detection result will be reduced.)

- ① Rotate the On/Off Knob to switch on detector. Keep the sensitivity knob at the minimum sensitivity position.

- ③ Move around and look through the View Finder by using one eye, the red LED light will be reflected by any hidden cameras lens, you will see a bright spot.

- ② Short press the LED Lights Switch to turn on the 6 red LED lights on the back side.



Battery and Charging

1000mA Lithium battery is built in the detector, charge the detector using the supplied USB charging cable.

The Charging Pilot Light turns on when it is in charging and it turns off after the detector fully charged, a full charge takes ± 2.5 hours.

WARNING: The detector is not a daily used device like cellphone or tablet. If it is not used for a long time, the battery life will be reduced or it will not be able to be charged again, so please charge your detector regularly!

Specifications

Model Number and Name: K20 RF Detector

Detection Dynamic Range > 73 dB

Detection Sensitivity: < 0.03 mV (main band)

Power Source: Built-in 3.7V 1000mA Lithium Polymer chargeable battery

Charging Time: 2.5 hours for a full charge

Battery Life: Continuous working 5-8 hours

Working Current: 60 – 110 mA

Material: ABS

Weight: 150 g

Dimensions: 117 x 56 x 20 mm

Package Includes

- 1.K20 Main part
- 2.RF Antenna
- 3.GS Probe
- 4.USB Charging Cable (no adaptor)
- 5.User Manual (English)

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