Manuals+ — User Manuals Simplified.

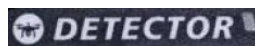**DETECTOR H9L
Handheld
Detection Device**

DETECTOR H9L Handheld Detection Device User Manual

DETECTOR H9L Handheld Detection Device

Specifications:

- Comprehensive detection of various UAV models
- Detection distance: 1-3km
- UAV log export function

Product Usage Instructions

FAQ:

- **Q: What is the detection range of the handheld detection device?**

  A: The early warning detection distance is 1-3km.
- **Q: In which scenarios can this device be used?**

  A: This device can be used in military and financial key areas, examination rooms, prisons, detention centers,

  and by public security and armed police departments for low-altitude security missions.

1 summary
Handheld detection equipment is a long-distance uav detection equipment, which adopts external ultra-broadband antenna. By identifying the characteristic spectrum of uav, it can realize sound, light and electrical alarm for commonly used civil uav, and can achieve extremely high detection accuracy in complex electromagnetic environment.

Product characteristics

- Comprehensive detection of models

  Using digital simulation hybrid technology, built-in feature spectrum library of a variety of models, by detecting

  the spectrum signal of the UAV, can realize the remote detection of common consumer DJI, Daotong and other

models in the market.

- Detect the distance

  Equipped with a high-gain receiving antenna, the early warning detection distance is 1-3km.

- Detect log

  With the UAV log export function, it can record and export the detected UAV brand, time and frequency information.

Application scenarios

Military and financial key areas (such as key conference rooms of banks), examination rooms: to prevent the leakage of military and financial secrets, do a good job of low-altitude early warning, and avoid drone snooping; Prison, detention centers and other places with special requirements: especially prisons, detention centers, such as units with high security requirements, to ensure low-altitude security; Public security and armed police departments: Public security and armed police have high security requirements and field personnel carry out large and small low altitude security missions, and realize full-time warning for uAVs within 1-3km low altitude range.

Equipment appearance

Antenna interface
Power on and volume knob
Status light
micro USB interface
Screen display area
Extension interface
3.5mm headphone jack
Select/cancel key
Menu key
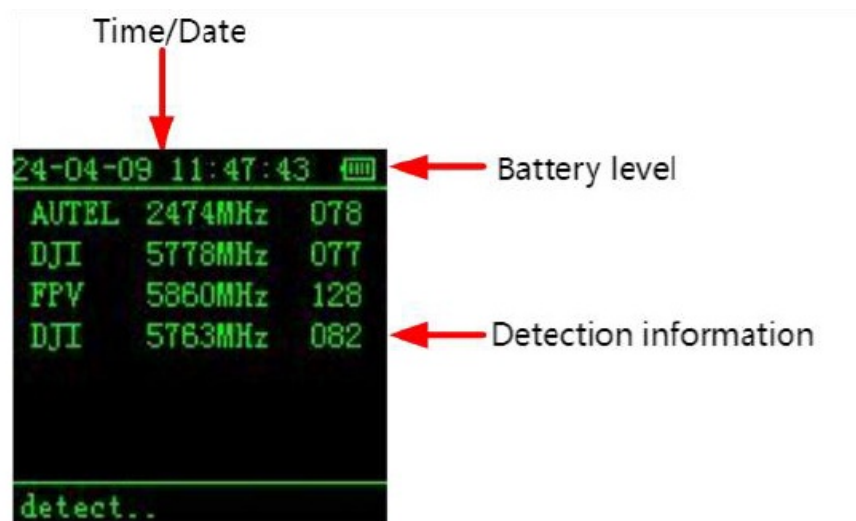Confirm key
loudspeaker
TYPE-C Charging port

Interface and the operation of a brief introduction

- Boot operation

  Turn the boot and volume knob clockwise to turn the device on. When the knob is pressed clockwise to the maximum, the alarm volume is the maximum.

- Display interface

Time/Date → 24-04-09 11:47:43 🔋 ← Battery level

AUTEL 2474MHz 078
DJI 5778MHz 077
FPV 5860MHz 128
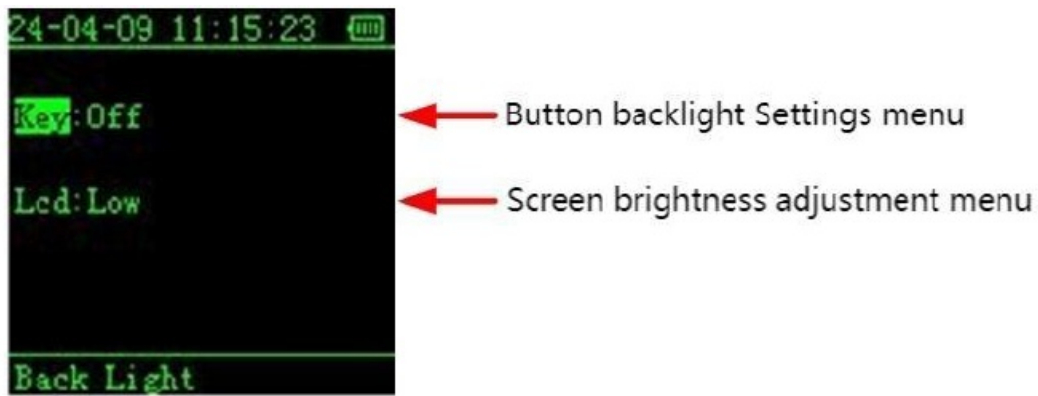DJI 5763MHz 082 ← Detection information

detect..

- When the UAV is detected, the screen will display the field strength information of the model and frequency meter of the UAV. At the same time, the status indicator will change from green to red, and the alarm sound will be played at the same time.

24-04-09 13:59:00 ☐ ← Low voltage alarm

detect...

- When the battery is too low, the battery icon will turn red and flicker constantly, so charge or replace the battery in time.
- Key operation
  1. Long press the menu keyboard for 2 seconds to enter the menu interface (long press Select / Cancel to exit the menu interface), as shown in the figure below:

24-04-09 11:14:30 🔋

1.Back Light ← Backlight Settings menu

2.Date Time ← Time/date Settings menu

Set

  2. Press the confirmation key to enter the backlight setting menu (long press the select / Cancel key to exit the backlight setting menu), set the keyboard backlight and change the screen brightness:

Button backlight Settings menu

Screen brightness adjustment menu

3. Set the time / date:

Time/date setting screen

Spec

Work frequency band	800 1500MHz 2400 2485MHz 5125 5850MHz
Identify the type	Market common consumer grade DJI, AUTEL and some FPV models
detection range	1-3Km (test results are different by model and electromagnetic environment)
Detection mode	Passive detection
device power supply	External lithium battery 15000mah, 3.7V
working temperature	-20°C +55°C
time display	Year / month / day, time / minute / second display, support power loss storage time
Log export	When exporting the log, the information such as the UAV model, frequency, field strength, and discovery time is displayed
Product weight	<250g (with battery, with antenna)
duration of flight	4h (detection mode)
product size	110mm * 56mm * 35mm ± 2mm (excluding the antenna) L * W * H

Documents / Resources

DETECTOR H9L Handheld Detection Device [pdf] User Manual
H9L Handheld Detection Device, H9L, Handheld Detection Device, Detection Device, Device

References

- **User Manual**