

Polaris Hobit P1

User Manual v1.4



Table of contents

1. Product Introduction.....	1
2. Technical indicators.....	2
3. Operation Guide.....	3
4. Shipping List.....	6

1. Product Introduction

Hobit P1 Shield Portable UAV Anti-Shield is easy to carry, easy to operate, light in weight and small in size.

It has the capability of multi-frequency strike of drones.

Functional features description

	Without any external units, highly integrated design, with conventional
Multi-band strike	The strike function of drones in 915MHz, 2.4GHz, 5.8GHz and other remote control image transmission frequency bands, And has the ability to interfere with GPS

	To achieve better jamming effect for the new drone Mavic 3, we conducted
Strong interference	By studying the technical specifications and working principle of Mavic 3, I We identified jamming strategies against its communications and navigation systems.

	The product has a highly efficient navigation signal shielding function, which can effectively shield a variety of navigation systems.
Navigation signal shielding	The system signals include GPS L1/L2, BeiDou B1, GLONASS and Galileo.

	The carefully designed lightweight size makes the device very convenient to carry and operate.
Convenience	It is easy to store in the vehicle or carry to different workplaces. Ergonomics The specially designed handle provides users with a comfortable grip and reduces fatigue during operation.

	No additional external equipment or complicated button operations are required, just manual operation on the touch screen
Touch screen operation	Direction finding, detection sensitivity adjustment, and interference power adjustment can be completed by simply controlling the position or operation of the drone And other operations.

	The product is equipped with an ergonomically designed handle to provide users with a comfortable grip
handle	experience and reduce fatigue during operation.

Security

The product has battery undervoltage protection, overcurrent protection, overtemperature protection and voltage standing wave ratio

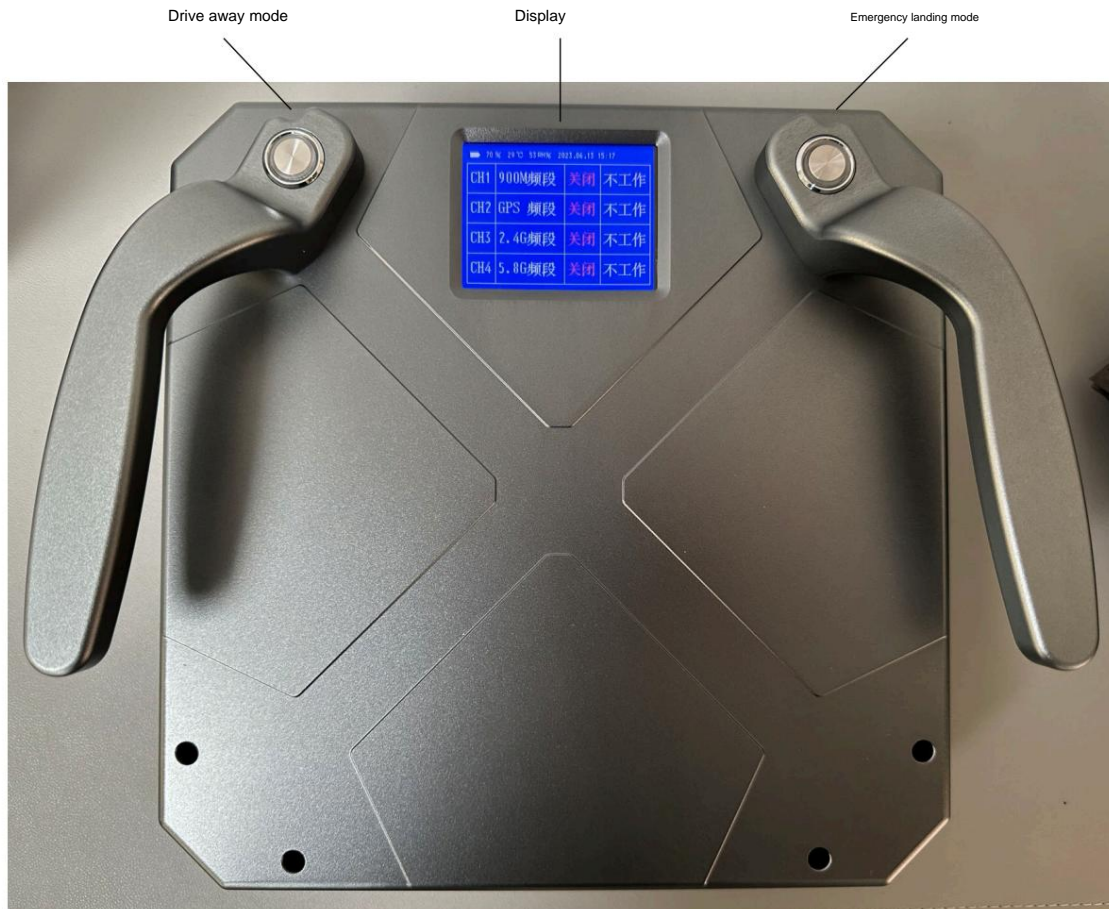
Protection: Multiple protection measures are adopted to effectively prevent the backward radiation of electromagnetic energy.

2. Technical indicators

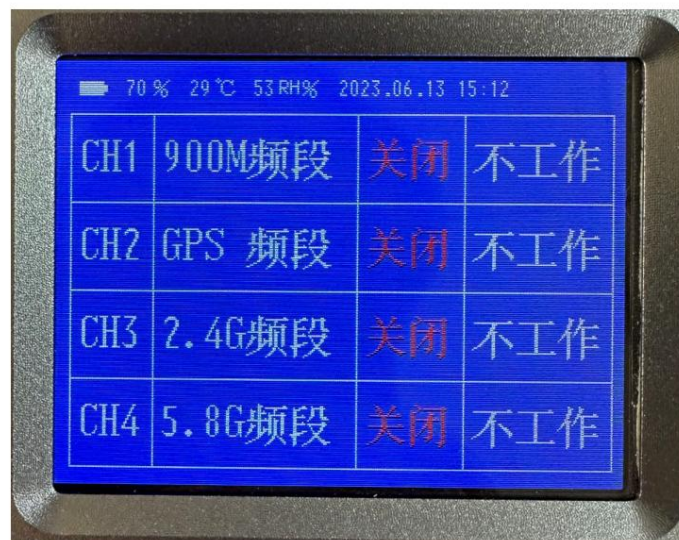
Function	parameter
Interference frequency band	CH1:840MHz~930MHz
	CH2:1.555GHz~1.625GHz
	CH3:2.400GHz~2.485GHz
	CH4:5.725GHz~5.850GHz
Total RF Power	~80w
Battery life	Working mode greater than 1 hour
Display screen size	3.5 inches
Interference distance	1-2km
weight	3kg
volume	300mm*260mm*140mm
Protection level	IP55

3. Operation Guide

Overall appearance:



The switch on the upper right corner is the display switch. When it is turned on, a blue LED light will appear and the display will show the following information:



Two working modes, can be opened at the same time or work separately:

1) Escape mode

When pressed, CH1 (900Mhz), CH2 (2.4Ghz), CH3 (5.8Ghz) will be turned on, blocking drones and

The communication link between the remote controller and the drone will be disconnected and return to its home point.

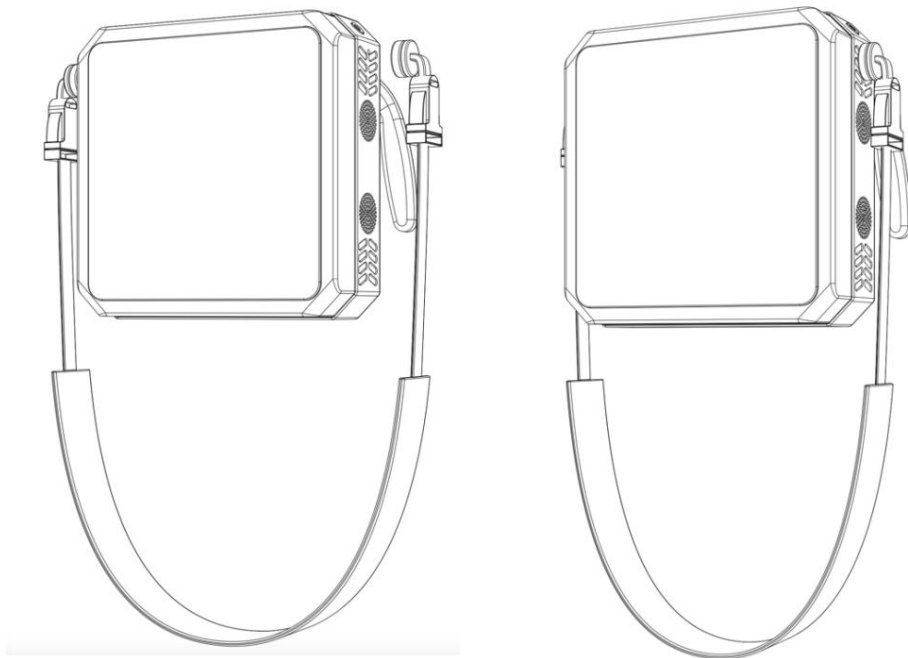
2) Emergency landing mode

CH2 (1.5Ghz) works, interfering with the GPS signal of the drone, destroying its navigation system and causing the drone to lose its position.

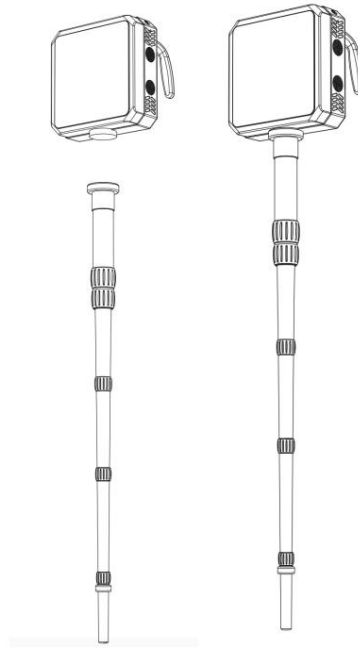
The information was lost, causing the drone to make an emergency landing.

Installation Guide:

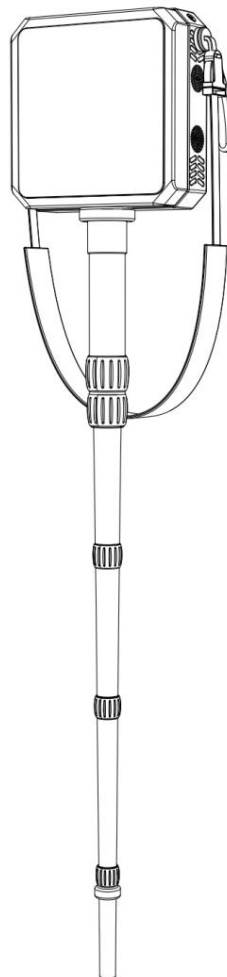
1) Strap



2) Tripod



3) Combination



4. Shipping list

1 Hobit P1 interference device host 1

1 Charger 1;

Box

1 Bracket, strap