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# BK4 Red and Blue Warning Throwing Device

## User Manual

V1.0 2024.01



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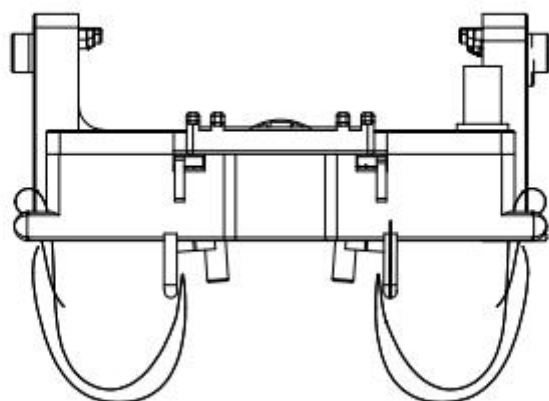
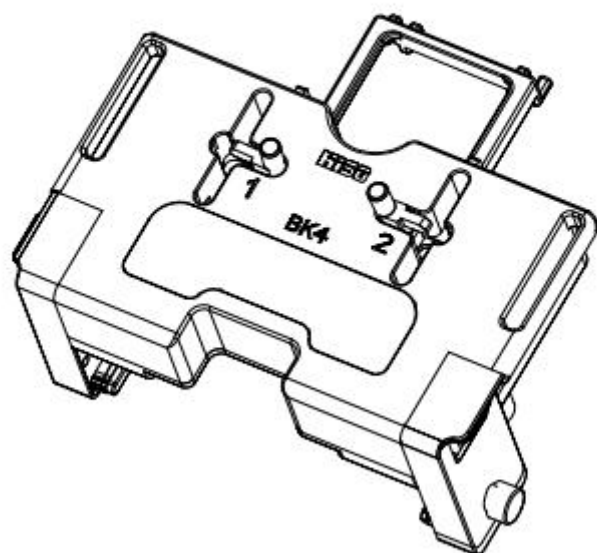
# 1. BK4 Red and Blue Warning Throwing Device

## 1.1. Introduction

BK4 is a two in one device with red and blue flashing lights and a thrower. It can work reliably in harsh weather conditions and can be mounted on DJI Matrice 4 series unmanned aerial vehicles through the DJI EPORT interface. It has the ability to quickly install in 5 seconds at the bottom and has a two-stage throwing function that can throw two mounted objects separately. At the same time, each throwing point can achieve two throwing modes: strapping style throwing and hanging line throwing.

## 1.2. Main technical parameters

Items	Technical Parameters
Size	≤85×75×35 mm
Weight	≤75g
Supply voltage	DC 9-17V
Total power	≤25W
Throwing channel	2 stage
Operation temperature	-20°C to +50°C
Protection grade	IP55
Control mode	PSDK control/WeChat mini program, APP Bluetooth control
Lighting parameters	120 ° angle, 2 red and blue flashing lights Under normal hovering of the aircraft, Ensure that the red and blue lights of the drone can be seen 360 degrees around it, there is no dead zone observed under the red and blue lights on the ground.



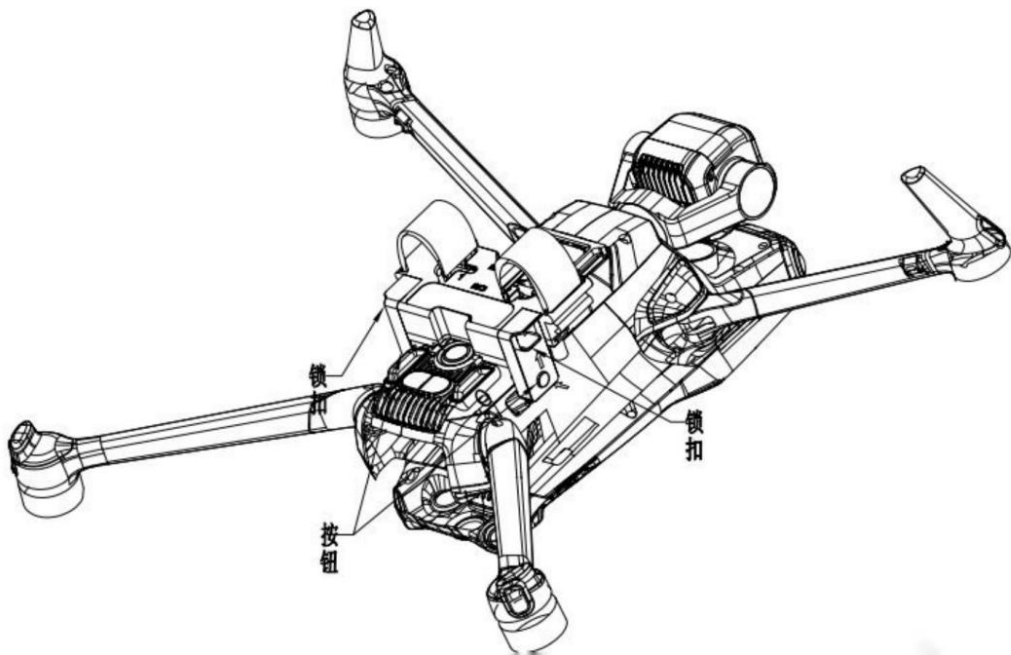
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## 1.3. Instructions for use

### 1.3.1.Installation

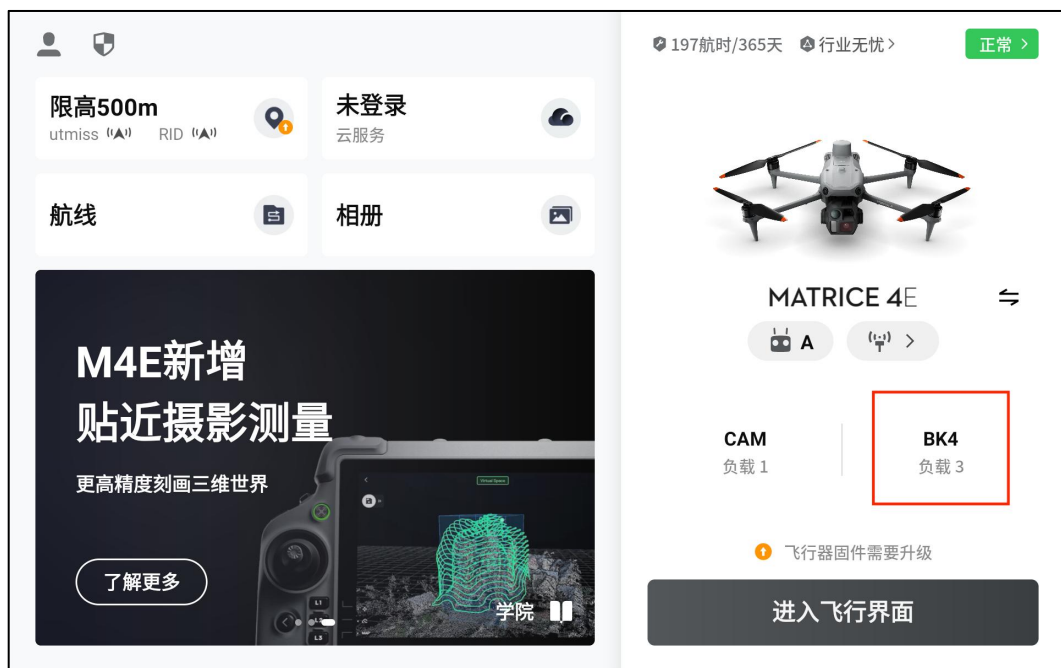
1)Lift the left and right latches. Insert the airframe into the bottom of the aircraft and press the circular buttons on both sides. Make sure it is securely mounted on the aircraft.

2)Plug in the PSDK line and push the hook by hand to mount the throwing items. Or use the metal buckle of the strap to push the hook on, put in the bundled items, and tighten it by adjusting the position of the Velcro on the other side. Make sure it is stable before taking off. (PS: Manually turn the left lever to change the left mounted object. Turn the right lever to change the right mounted object. Do not press both levers at the same time)



### 1.3.2.Operating Instructions

After completion of pre-flight inspection , turn on the drone in the order of remote control - drone . If the aircraft system and thrower are working properly .The following icon appears on the main interface of DJI MAVIC4, indicate that the drone has correctly recognized the red and blue lights of BK4.

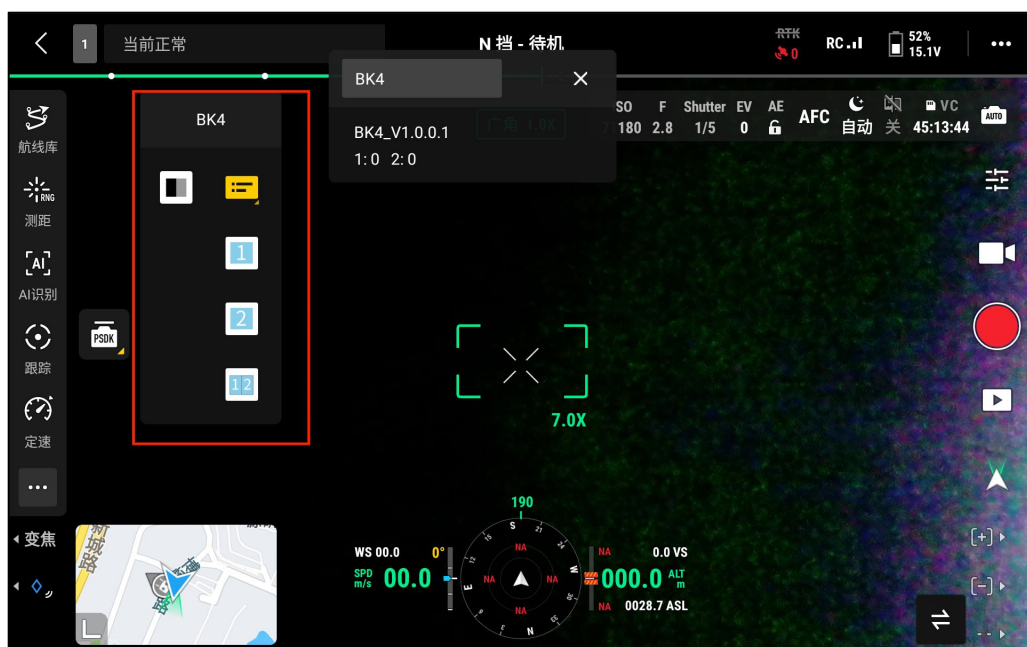


Press button 1 to release hook No. 1.

Press button 2 to release hook No. 2.

Press key 1 and 2 , release 1 and 2 continuously.

Red and blue lights: The two red and blue buttons represent different flashing frequency respectively.



### 1.3. 3 Uninstall

When the work is completed, remove the PSDK cable and lift the left and right locks,remove the mounted object from the aircraft.