

TD40 Material Delivery & Dropping Device

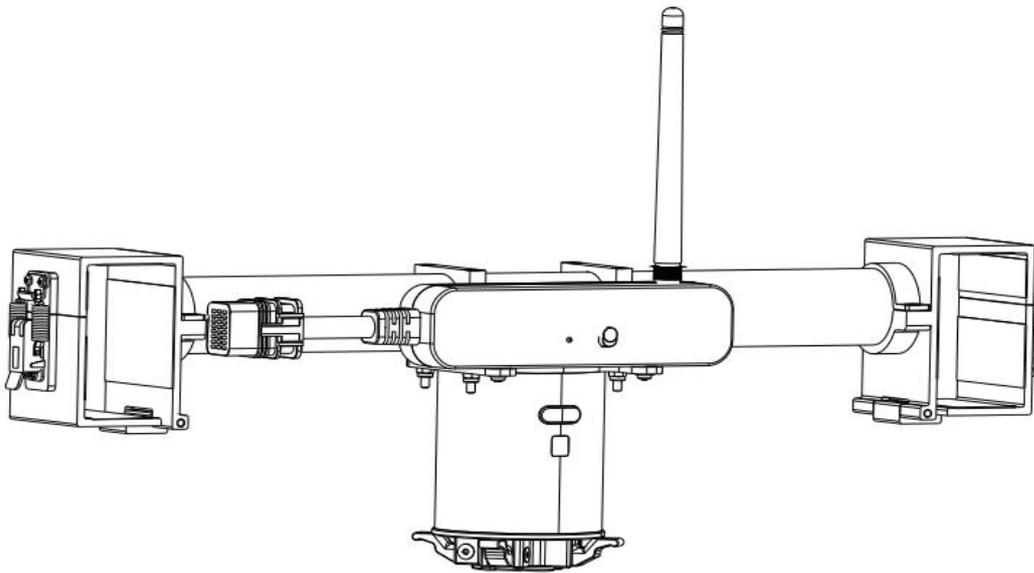


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I. Introduction of TD40

CZI TD40 Material Delivery & Dropping Device is a compact, efficient and reliable drone material thrower with simple installation and operation, weighing 800 grams (including the weight of the TH4 four-segment thrower), with a 40 kg super high throwing load, and can complete four throwing tasks in a single flight. Two devices can be connected in parallel through an external data cable, so that a single flight can complete eight throwing tasks, and the throwing weight can be up to 80Kg, which can be fixed on DJI T40 and T20P drones through a coral hinge for emergency rescue and material drop.

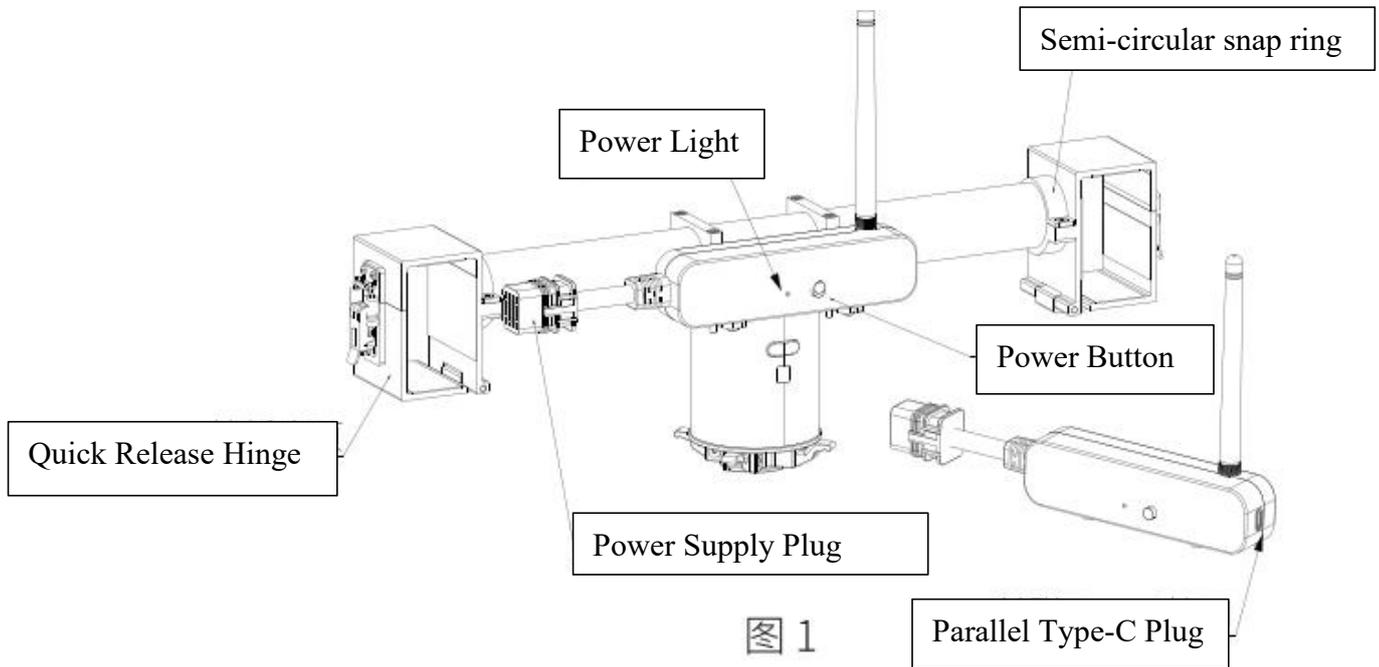
II. Technical Specifications

Model	TD40
Size	L*W*H :415 mm* 80 mm* 186 mm
Weight	800g±5g
Throwing Times	Can mount 4 throws at the same time and make individual throws in sequence, or all throws at once
Throwing weight	Maximum load 40kg, single throwing hook maximum load 10kg (The actual load weight is subject to the UAV load capacity)
Extension	Support two sets of equipment in parallel
Disassembly method	Quick release hinge
Working Temperature	-15——50° C
Control Method	Extension Remote Control
Control distance	Within 3km

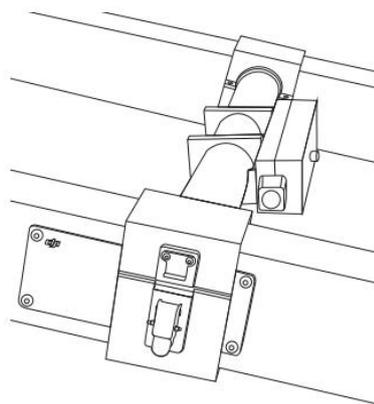
III. Cautions

1. Please make sure the hook is fully loaded before pressing the operation button.
2. Be careful not to pinch your hand when operating the throwing hook.
3. The weight of the load should be according to the drone load capacity.

IV. Installation of TD40

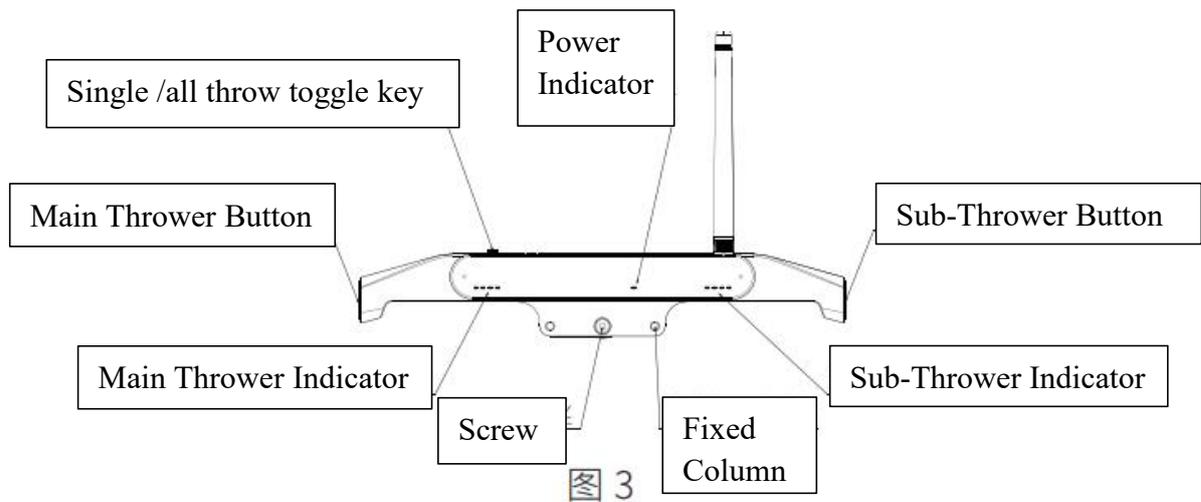


1. After opening the spring latch and quick release hinge on both sides of the thrower, the control box should be aligned with the direction of the drone head and hung on both sides of the bearing beam.
2. The bearing beam installation position is aligned with the top right corner of the nameplate screws for best results, as shown in Figure 2, after alignment will be locked on both sides of the quick release hinge.



3. Start the aircraft power, about 5 seconds, connect the aircraft power cable of the electronic control box with the power plug of the drone.
4. The power indicator light is on means the power connection is successful, you can control the TD40 throwing hook at this time.

V. Installation of TD40 extended RC



1. Insert the two fixed posts of the expansion remote control into the positioning holes on the back of the remote control and tighten the middle hand screw (open the DJI remote control USB-A cover before operation), as shown in Figure 4.
2. Plug the USB connector of the remote control into the USB-A port on the top of the remote control.
3. Screw the antenna included in the box into the antenna connector on the top of the expansion remote control.
5. After you turn on the DJI remote control, the power indicator and the throwing indicator of the expansion remote control will flash, and the power indicator will become constant for about 3 seconds, then the controller is successfully connected to the control box of the thrower device.

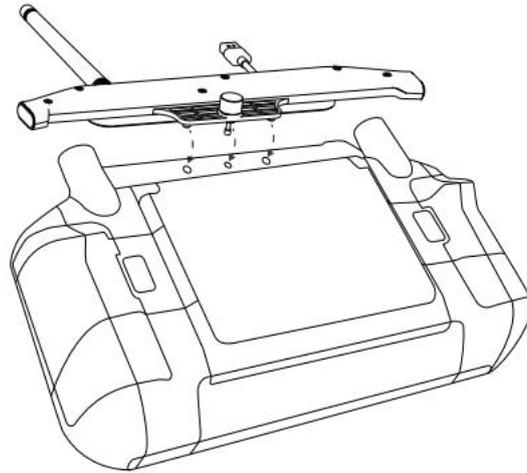


图 4

6. Press the throwing control key three times continuously, the throwing indicator light will be on, then it is unlocked successfully and can be operated.
7. Select the operation mode, gear switch key slide to the left for single throw mode, the right for full throw mode. Single-throw mode every two consecutive presses of the throwing key, open a hook, complete a throwing action, while the throwing indicator goes out one. When the throw button is pressed twice in a row in full throw mode, the hooks open automatically in succession, completing the full throwing action, and the throwing indicator lights all go out. When only a single throwing device is installed, the main thrower button is valid and the secondary thrower button is invalid. When two throwing devices are installed and connected in parallel (through a double type-c connection), the secondary thrower button controls the second thrower.
8. If the operation fails in the process of use, can be solved by restarting the way, that is, the electronic control box of the aircraft power cable and the UAV power cable reconnect and reconnect the power cable of the remote control.