

## dji ROBOMASTER TT Swarm Combo Drone User Guide

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# ROBOMASTER TT Swarm Combo

## Quick Start Guide

v1.0



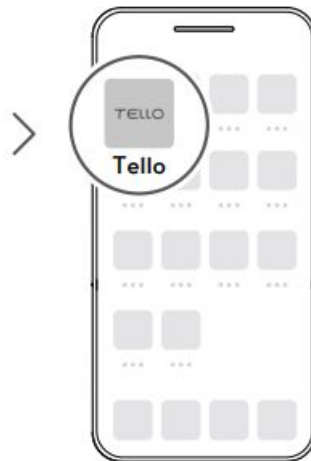
It is recommended to rehearse formation flights before a performance.

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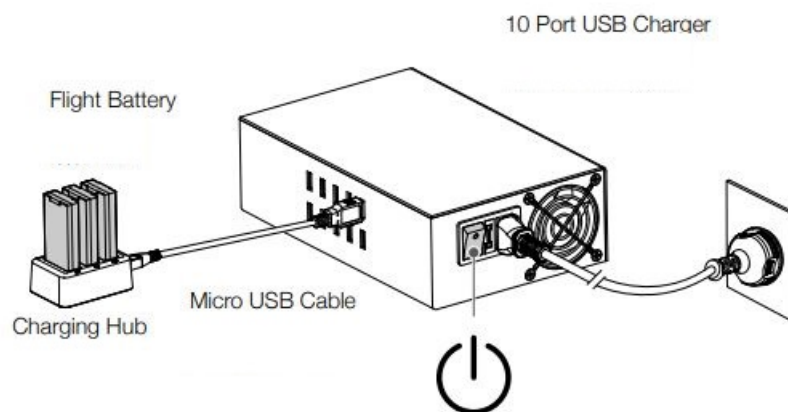
## Getting Started

Tello



### Activate the RoboMaster TT

The ROBOMASTER™ TT must be activated through the TELLO™ app (v1.6.0 or later) before using for the first time. Attach the flight battery, power on the aircraft, launch the Tello app, and follow the prompts to activate.

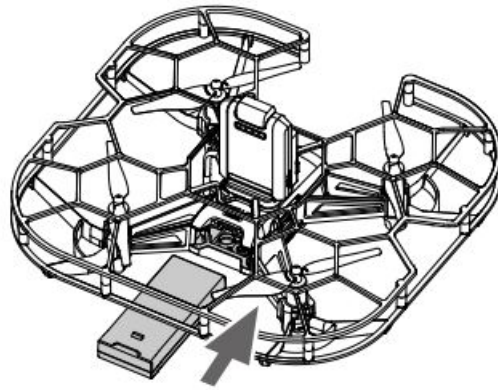


### Charge the flight batteries

#### C. Unfold the flight map Make

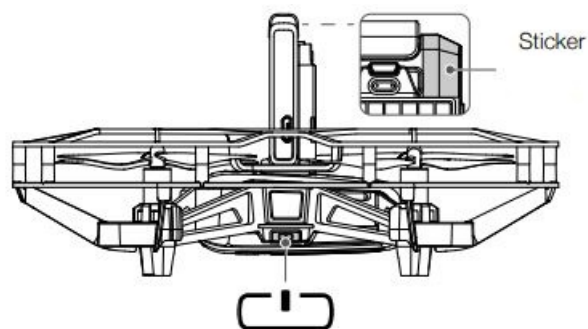
sure the environment light is sufficient. The flight map must be placed on a flat surface and completely unfolded to make sure the aircraft can position correctly.

### Operations



**Insert the flight batteries into the aircraft.**

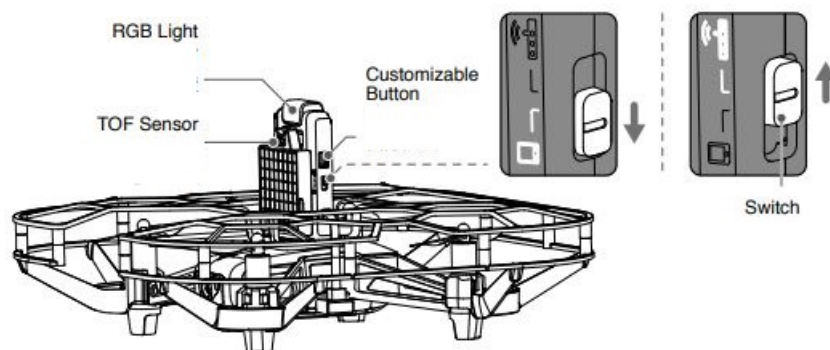
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**Power on the Primary aircraft.**

The primary aircraft has a red sticker. Press the power button to power on the aircraft. The RGB light is orange after powering on.

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### Primary aircraft settings

1. Toggle the switch to  (Direct Connection Mode).
2. Select formation flight :
  - a. Press the customizable button three times to enter formation flight settings.
  - b. Move a finger over the TOF sensor for more than one second to change the formation flight. The Dot-Matrix Display & Distance Sensing Module displays the number of the formation flight.

c. Press the customizable button to confirm the formation flight.

## Secondary aircraft settings

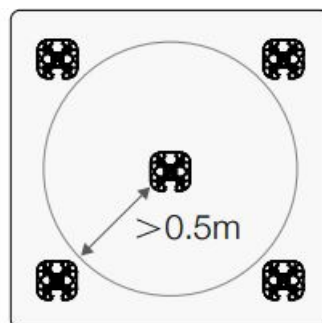
1. Power on the quantity of secondary aircraft required for the formation flight.
2. Toggle the switch to  (Direct Connection Mode).

All the aircraft motors will start once the secondary aircraft are connected to the primary aircraft. The Dot-Matrix Display & Distance Sensing Module of the primary aircraft displays the number of aircraft that are ready to take off.

## Formation Flight Information

Formation Flight Number	Aircraft Quantity	Formation Flight Name	Duration
1	4	Four Star Constellation	Approx 1 min 55 sec
2	7	Big Dipper	Approx 2 min 40 sec
3	9	Nine Star Constellation	Approx 1 min 40 sec
4	9	Nine Star Constellation (Advanced)	Approx 4 min 20 sec
5	10	Ten Star Constellation	Approx 35 sec

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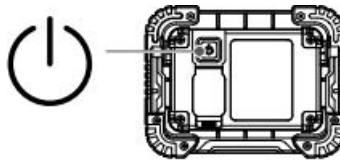


## Place all the aircraft

The distance between the aircraft should be farther than 0.5 m. It is not necessary to orientate the aircraft before performing a formation flight. After all the secondary aircraft are ready to take off, the RGB light of the primary aircraft is solid green. Press the customizable button on the primary aircraft. The primary aircraft will countdown from three and all the aircraft will take off and perform the formation flight.

## Primary Aircraft RGB Light Description

Color	Status
Solid pink	Initializing...
Solid orange	Searching for aircraft
Solid green	Aircraft quantity match requirement for formation flight. Ready for takeoff
Solid red	Aircraft quantity exceeds requirement for formation flight. Power off excess aircraft



### Night Mode

Use the ultraviolet lamp to illuminate the flight map when flying in a dark environment. Press the power button to switch between strong, weak, and no light.

For more information, read the User Manual: [www.dji.com/cn/robomaster-tt-combo](http://www.dji.com/cn/robomaster-tt-combo)

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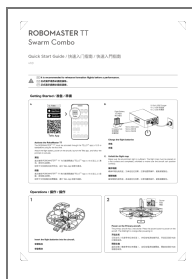
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### Documents / Resources



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