

Master 5 V2

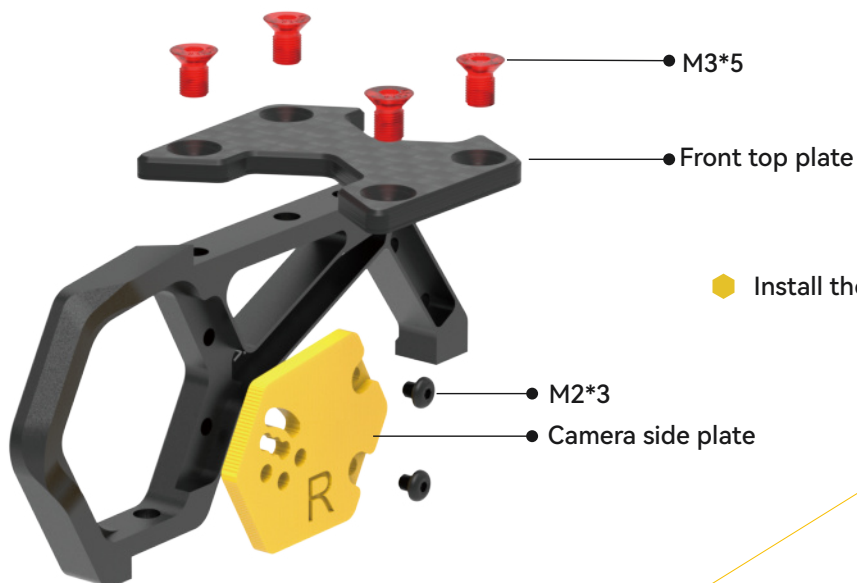


Installation Guidelines

* (Note: 3D effect requirements, the actual object shall prevail)

1

◆ CNC camera mount and camera side plate installation



◆ Install the front top plate

◆ Antenna Installation Sequence

◆ insert the O-ring into the antenna to secure it on the TPU antenna base.



2

● Install the multi-function antenna base

④ Choose a suitable VTX antenna base

● SMA antenna base

● M2.5*8

① Install the plate on one side and GPS base

② Install the T-shaped antenna

M3*23 standoff ●

O3 Air Unit antenna base ●

M2.5*8 ●

Button head hex socket screw

● GPS installation base

(Size:18*18*8mm)

Install the plate on the other side

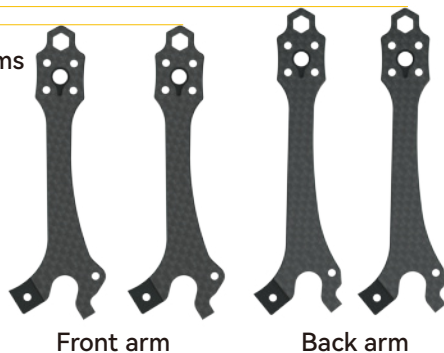
(*Note: pictures for assembly reference only.
Frame doesn't include antenna)

● Choose a suitable VTX antenna base

3

*Notice: front and back arms

Install arms and anti-vibration module

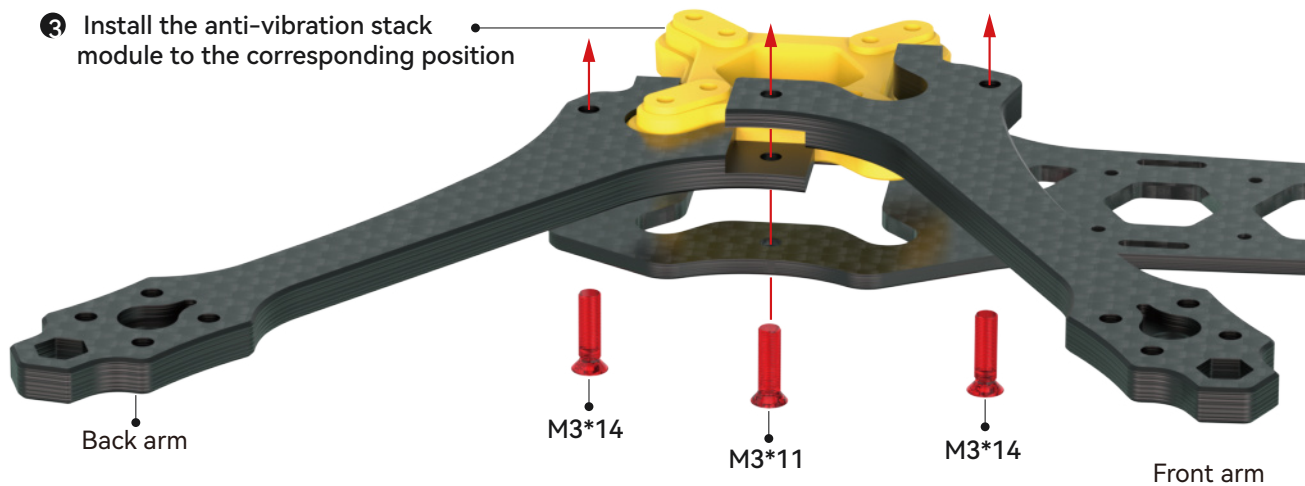


(Complete the installation of 4 arms in turn)

- 1 Screws pass through the bottom plate and the intersection position of the arms in turn

Direction for drone head

- 3 Install the anti-vibration stack module to the corresponding position



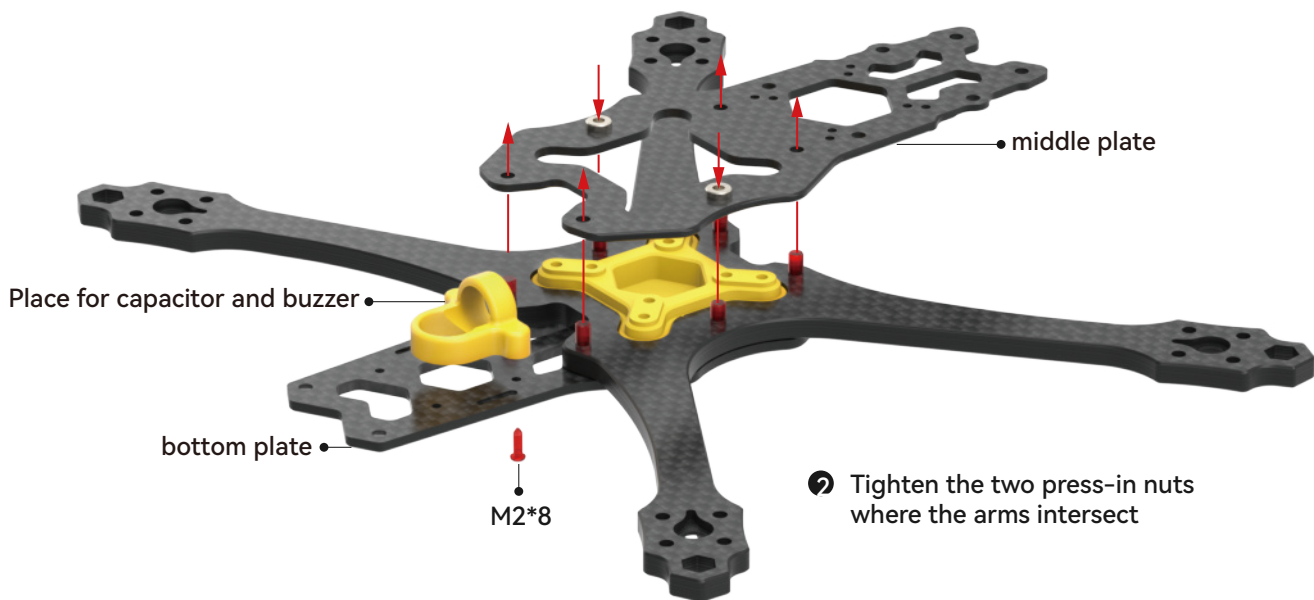
- 2 Install the screws on both sides in the same way

- 4 Install 4 arms in the same way

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Install middle plate

- 1 Install the middle plate to the corresponding 6 screw positions



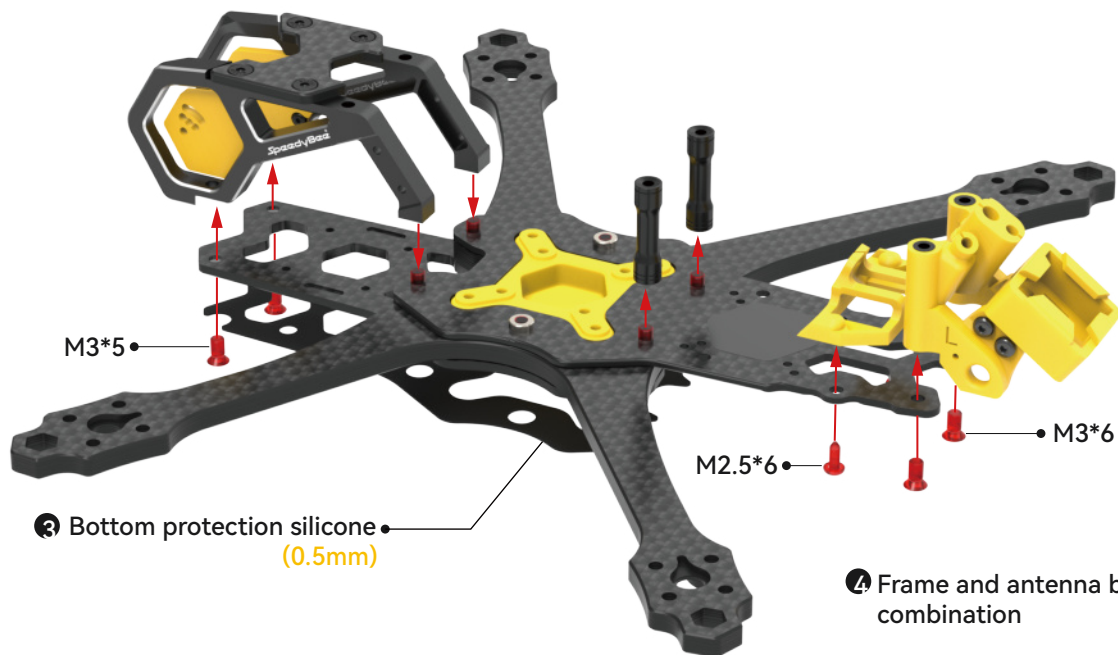
- 2 Tighten the two press-in nuts where the arms intersect

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Combination with completed parts 1 and 2

1 Combination of frame and CNC camera mount

2 Install 7075 standoff

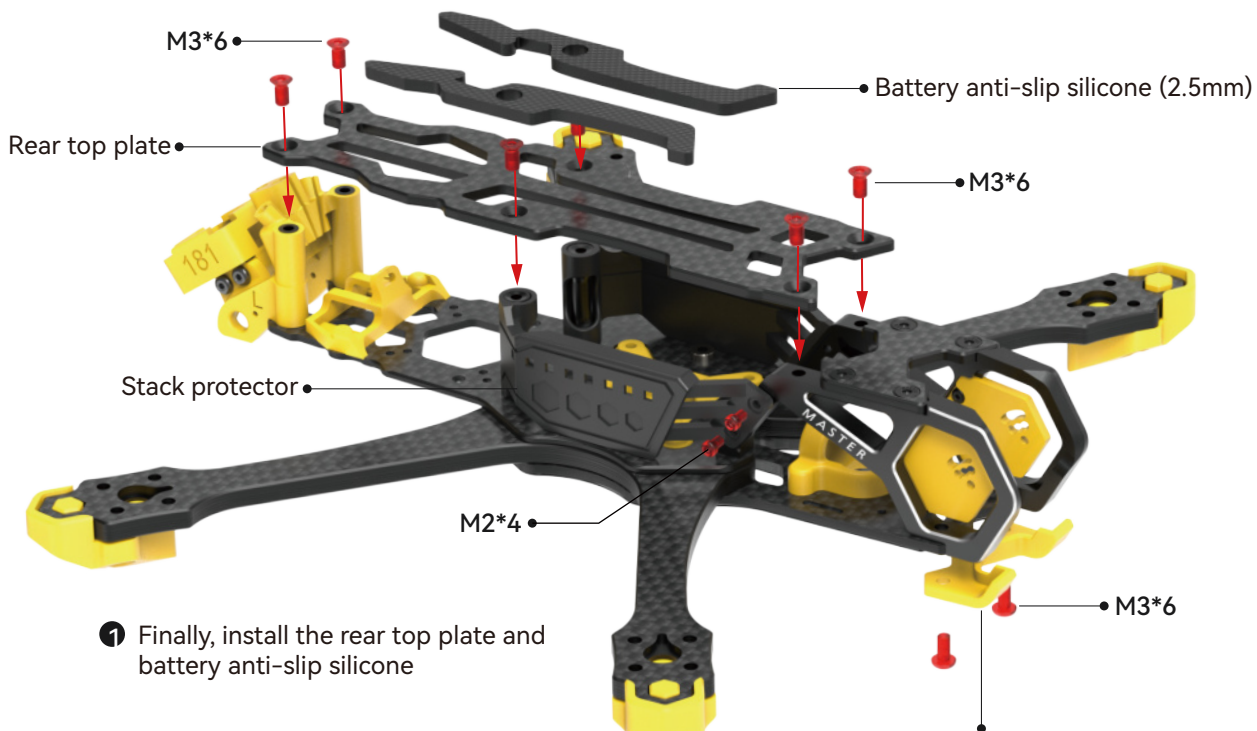


3 Bottom protection silicone (0.5mm)

4 Frame and antenna base combination

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Install rear top plate and battery anti-slip silicone



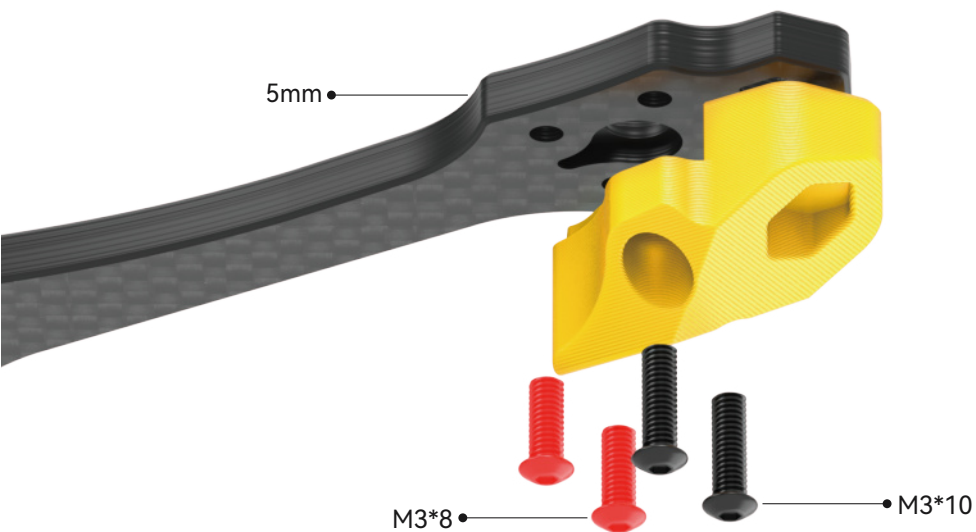
*Notice: please change to M3*6 button head hex socket screws if installing TPU protection at the drone head part.

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Arm foot mount installation

① Install the 3D printed foot mount to arms

② Use screw of proper length based on the motor installation

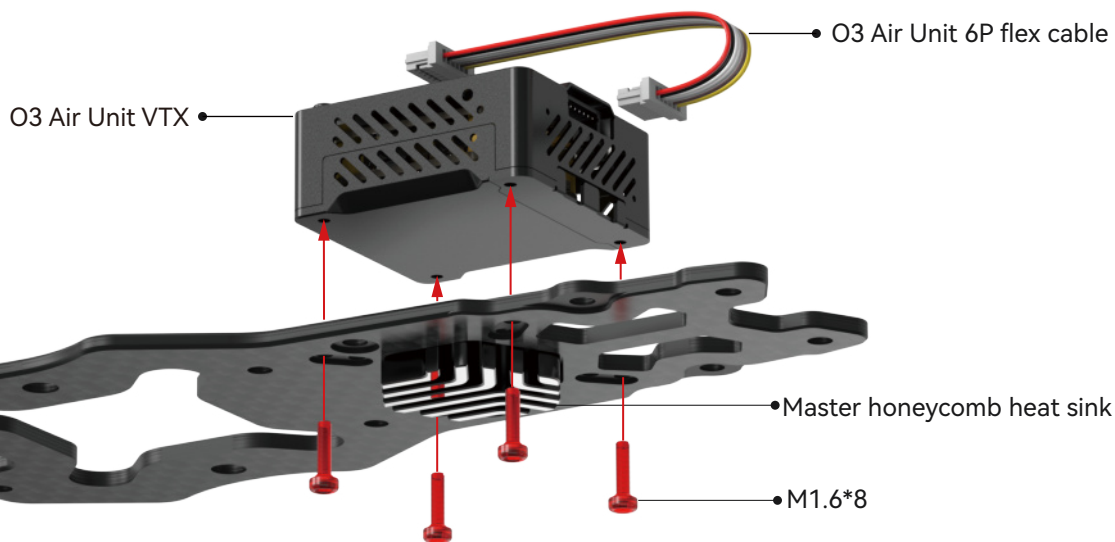


(*Notice: default screws are M3*8mm, M3*10mm)

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■ O3 Air Unit Installation Method

■ Pass through the top of the VTX



■ The 4 original screws at the bottom of the O3 Air Unit need to be removed

9

◆ Recommend installing ESC in reverse horizontally 180°

*Note (After the ESC is installed reversely, remember to redefine the correct position and direction of motors 1-4.)

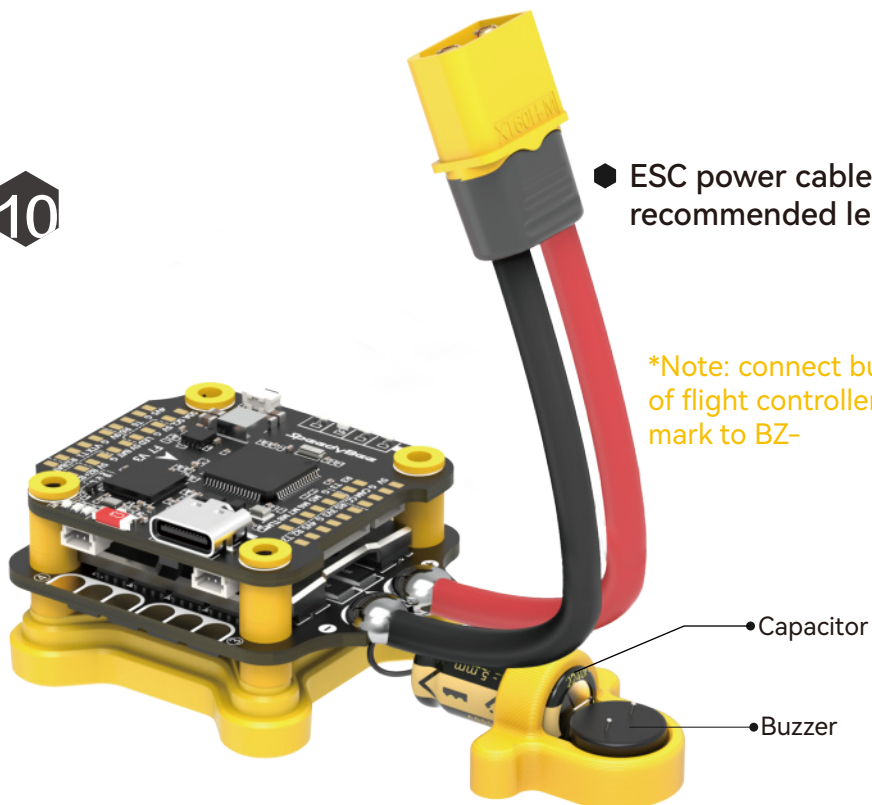
It is recommended to keep the power cable of ESC to be about 100mm.
Please refer to the used battery for actual length.



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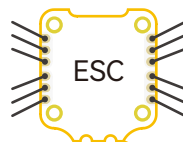
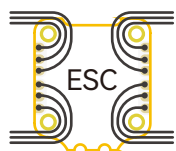
ESC power cable soldering and recommended length for cable of motor

*Note: connect buzzer with $\oplus$ mark to BZ+ of flight controller, and buzzer without mark to BZ-



Inner motor wire recommended length: 110mm

Outer motor wire recommended length: 93mm



1:1 Scale



- Scan the QR code to get the installation guide.
We recommend you scan it through the SpeedyBee App for detailed instructions.



SpeedyBee APP



Installation Guidance



Facebook QR Code