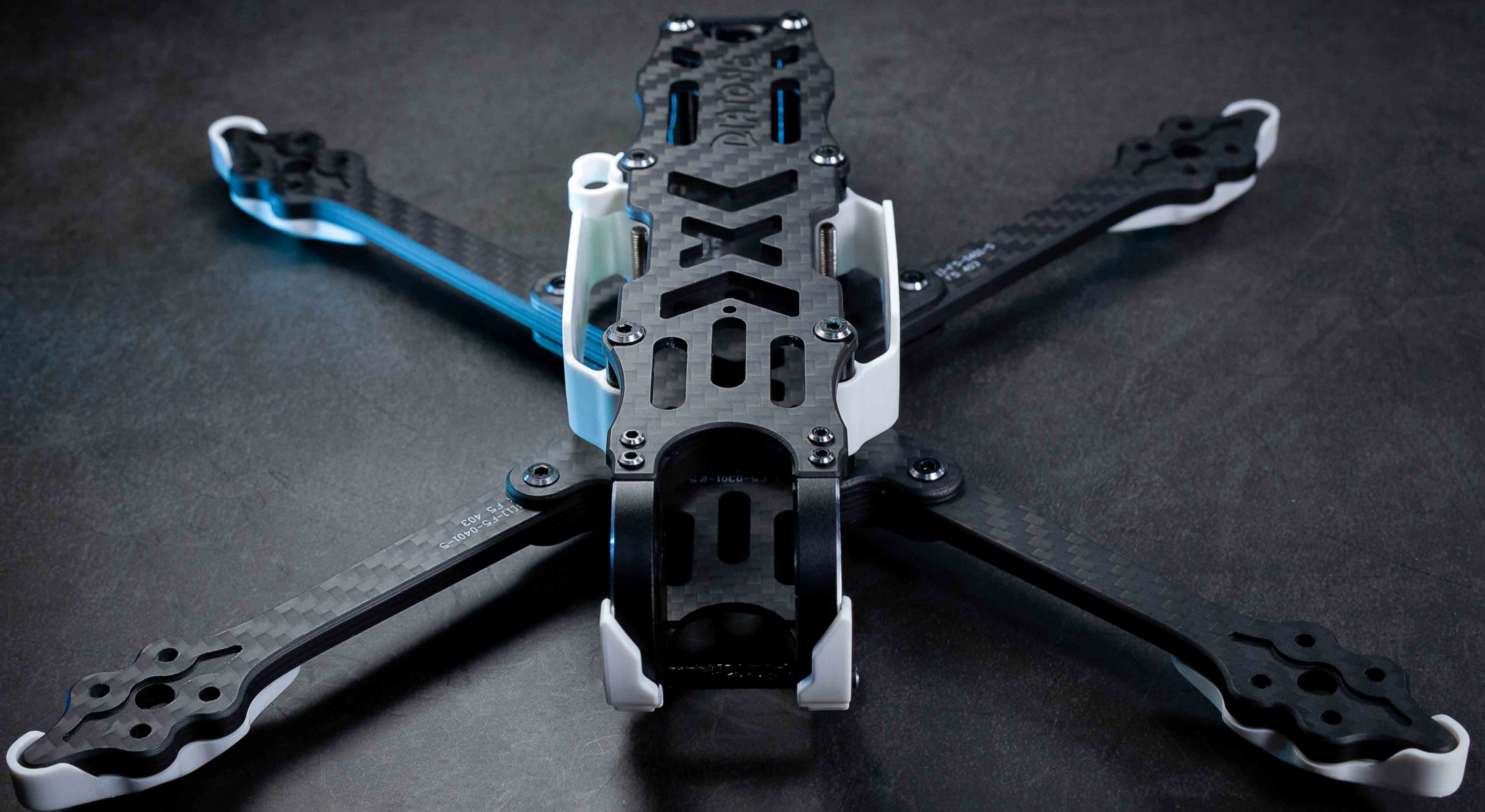


DIATONE[®] ROMA F5

LET'S GO, BIGBOY

DIATONE[®] ROMA series
LET'S GO, BIGBOY



Learn about ROMA

Effortlessly become one with the wind with the Roma series, created using excellent craftsmanship and surpassing its freestyle predecessors. Fly the Roma frame to get maximum control over your FPV drone



DIATONE[®] ROMA series
LET'S GO, BIGBOY

Size Information



Weight: About 114 g
(without plastic parts)

Technique Specifications

Basic Configuration :

Frame Shape : Type H
Rack net weight : 114g
Medium Plate Thickness : 2mm
Arm Thickness : 5mm
Motor to Motor : 218mm
Top Plate Thickness : 2.5mm
Bottom Plate Thickness : 2.5mm
Side Plate Thickness: 1.5mm
Arm width : 10–12mm
Max Stack Height : 23mm

Mounting Hole Position Specifications :

Motor Hole Distance : 16mm
Bore Diameter of Snap Ring : $\Phi 5.5\text{mm}$
FC Stack Mount : 20*20mm(M3)/30.5*30.5mm(M3)

Recommend Configuration Specifications :



Supported Prop Size : 5.1 inch
Camera Spacing : 19/20mm
Recommended Lipo : 4S–6S
Recommended Motor Size : 22/23 Series motor



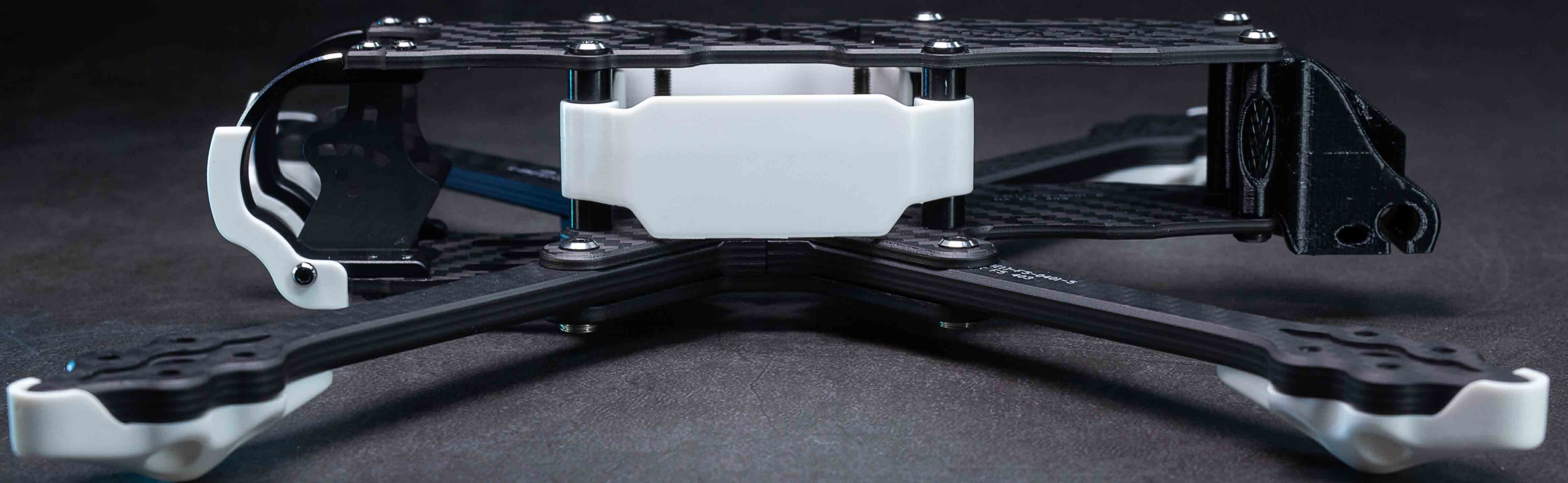
Configuration list

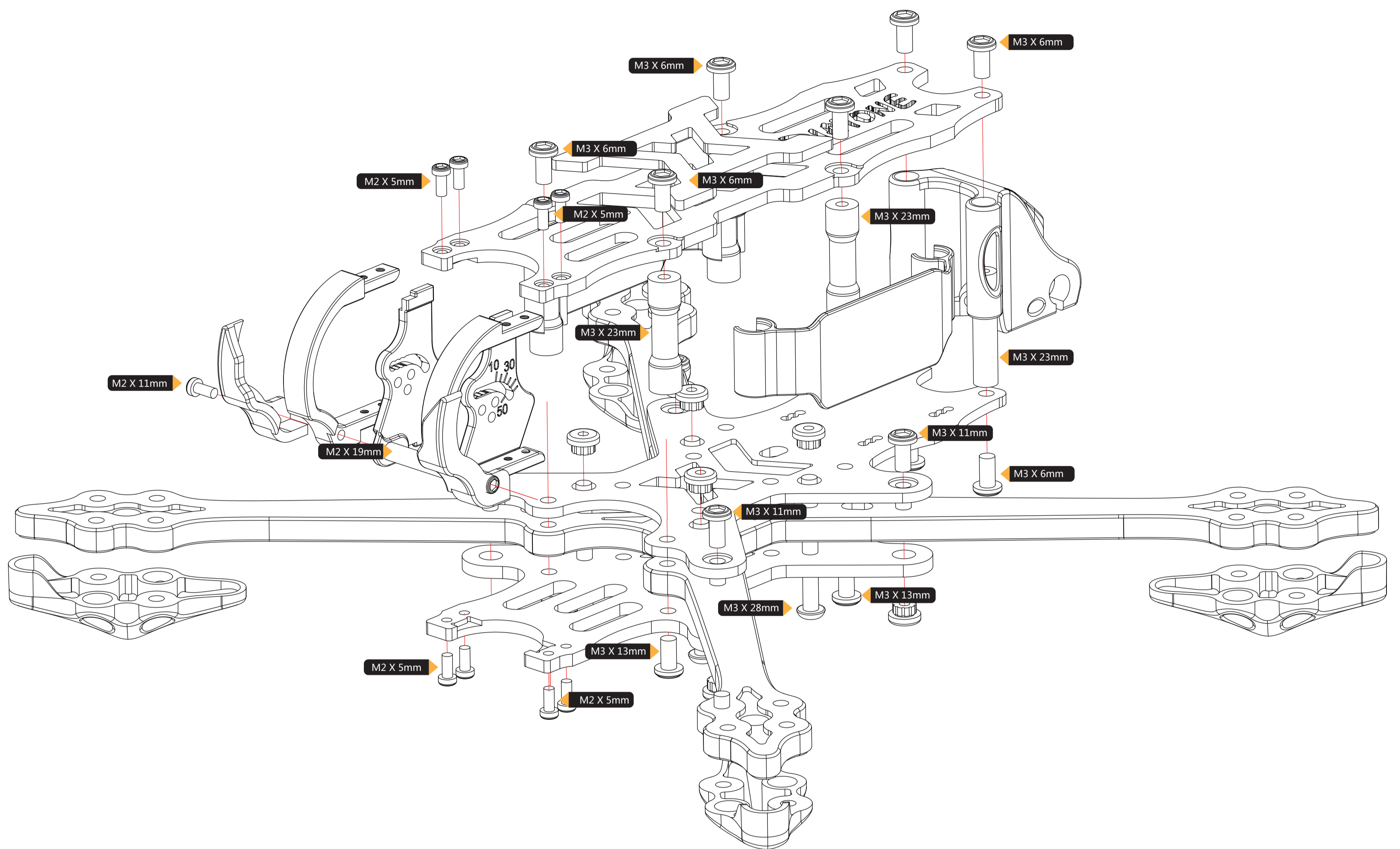


 M2×4mm Screw 4
 M2×5mm Screw 9
 M2×11mm Screw 2

 M3×3mm Screw 2
 M3×6mm Screw 20

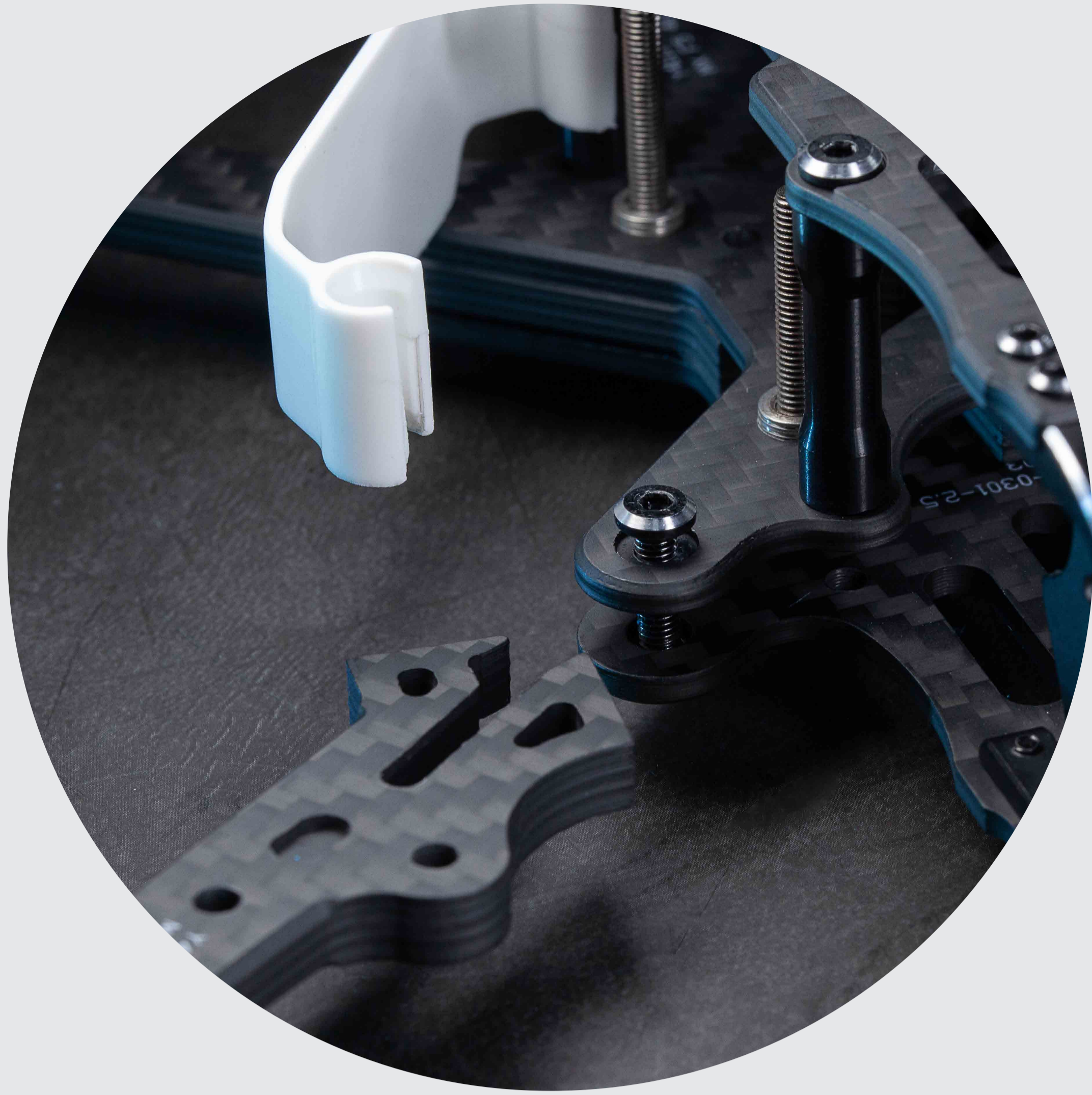
 M3×11mm Screw 8
 M3×13mm Screw 6
 M3×28mm Screw 4





Aluminium Alloy Head

The design of aluminum alloy CNC parts and carbon fiber side plate can well protect the camera. And Ensure the intensity and beauty. The side plate of the camera is dual-use design, which can be exchanged from left to right. It can be used between 19mm and 20mm cameras.



Quick Disassemble Design

Independent quick removal arm design, Each arm is fixed by three screws, only need to remove two of them. Screw and loosen the flight control fixing screw to remove the arm easily.



Special Landing Gear

one of the Motor Pad, the complete armor designed by ROMA models, Compared to 3D printed products, in addition to aesthetics, they also have higher durability. The way to fix the foot pad is to fix the screw hole of two motors diagonally, and the other two screw holes cannot be used for the foot pad. Fixing action, can fix well, also won't cause the motor screw to loosen because of vibration.



PCDCATAL - MOUNT

Special TPU material 3D printing multi-function antenna pedestal,
Besides the SMA extension seat, it is also the TBS CROSSFIRE immortt
The antenna and the ordinary 2.4G receiver antenna tube provide a fixed position.



Special Head Protection

The protection is one of the complete armor designed by the ROMA series aircraft,
Compared with 3D printed products, they are not only beautiful, but also have higher
durability. While protecting aluminum parts,It also protects the bottom of the plane
during landing.



Line -Wire

The two power Wire fixing clips can be used on 12AWG and 14AWG respectively. Special specification can reduce the risk of being hit by the Props.



Mould Opening - Injection Mould

Full armor designed for the ROMA series, In addition to head protection, tower protection, power wire fixing, and arm pad, There's also an adjustable Angle stand for Gopro and similar hd video recorders, More convenient for players at any stage.

DIATONE[®]
LET'S GO, BIGBOY

ROMA F5

5inch Freestyle Quad



DIATONE ROMA F5

The Kit Configuration

ROMA F5 was divided into five configurations :

(4S Lipo) Lite / Standard / VISTA

(6S Lipo) Standard / VISTA model



Camera configuration

ROMA F5 standard with RUNCAM PHOENIX PHOENIX 2 custom white MAMBA. Excellent color, super global wide dynamic, lower latency, all-weather F /2.0 wide aperture Freestyle camera.



Motor wire protection slot

The low wind resistance motor wire protection designed with the arm not only provides convenience in installation, but also avoids unnecessary equipment damage caused by blade damage to the motor wire in the process of blasting.



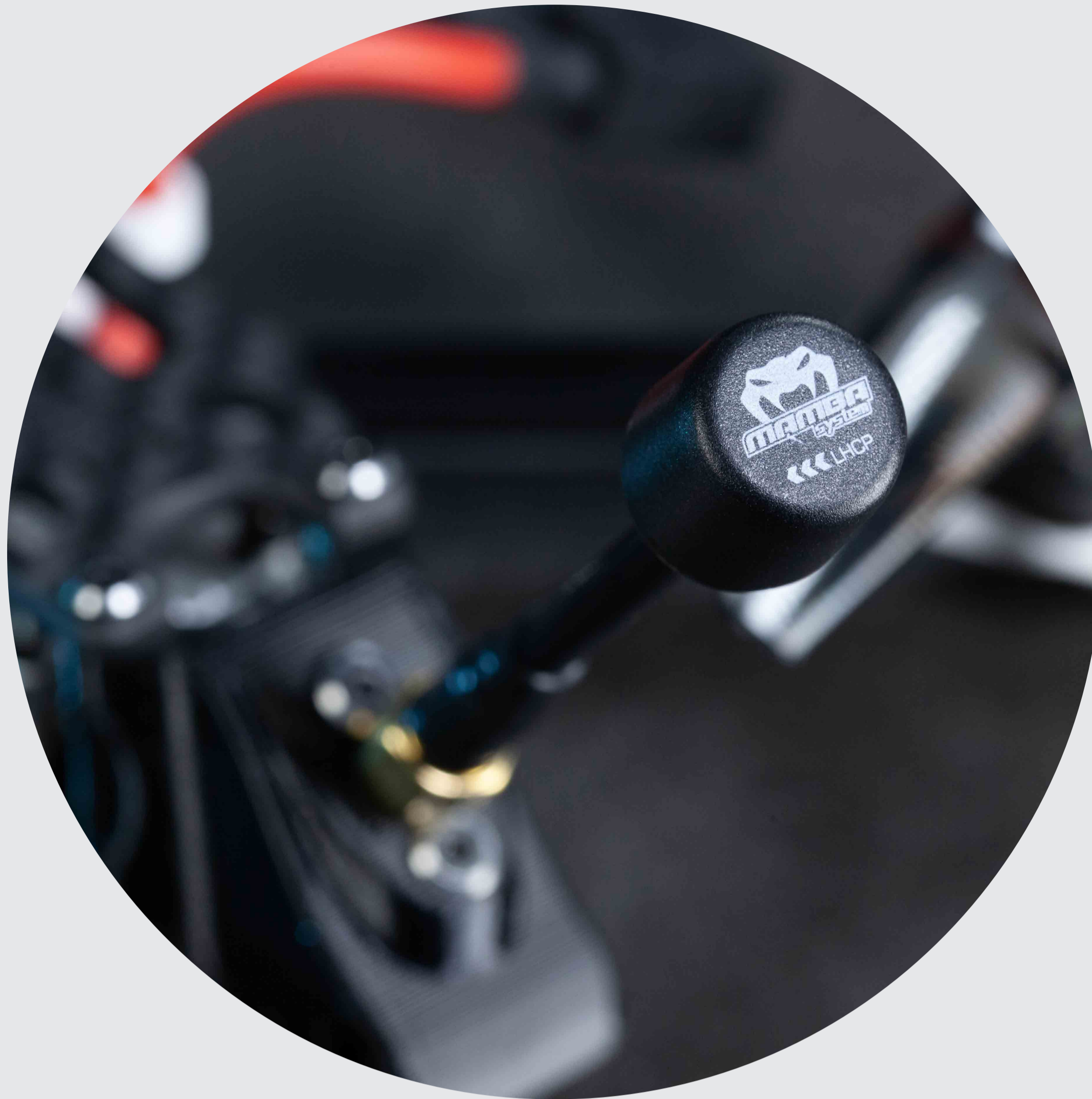
Power Collocation

Roma series , the whole machine is powered by MAMBA new 2207.5 motor series
The 4S (16.8V) 2450KV and 6S (25.2V) 1700KV are available.



Antenna Assembly

ROMA F5 standard with MAMBA Micro RHCP antenna (SMA white with internal pin).



Antenna Assembly

ROMA F5 VISTA with MAMBA Micro LHCP antenna (SMA black).



Hd digital image Transmission

The ROMA F5 VISTA version is equipped with CADDX VISTA HD digital image for stability Clear 720P real-time screen, optional 25mW/200mW/500mW/ 700MW, 8 channels, 8 Aircraft with built-in remote control link, can be used with DJI FPV remote control.



Dynamic Props

ROMA F5 Using HQ Ethix S5 5*4*3 PC tri-blade (Mr Steele Freestyle customized paddle), It provides enough power and good feel for players who need to assemble GOPRO HD equipment.

ROMA F5
5inch Freestyle Quad

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Search the proper configuration for you

ROMA F5 (4S lipo)

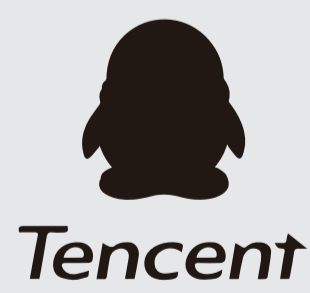
	Roma F5 Lite款	Roma F5 标准款	Roma F5 vista款
FC	: Mamba F405DJI (lite) FC	Mamba F405DJI FC	Mamba F405DJI FC
ESC	: Mamba F40 Mk2 ESC	Mamba F50 ESC	Mamba F50 Pro ESC
Motor	: Mamba 2207.5 2450kv	Mamba 2207.5 2450kv	Mamba 2207.5 2450kv
CAM	: Caddx Ratel(平头哥2.1mm)黑	Runcam PHOENIX2 (凤凰2)白	Caddx Vista
VTX	: Mamba TX400	Mamba TX400	Caddx Vista
Antenna	: Mamba RHCP 白(SMA)	Mamba RHCP 白(SMA)	Mamba LHCP 黑(SMA)
Props	: HQ Ethix S5 Prop	HQ Ethix S5 Prop	HQ Ethix S5 Prop
Rx	: Frsky Rxsr/TBS CROSSFIRE NANO	Frsky Rxsr/TBS CROSSFIRE NANO	Frsky Rxsr/TBS CROSSFIRE NANO

注：Lite款飞控LED仅有 BF LED焊盘能正常使用。

The Lite version Flightcontrol Led Function only Support Betaflight Led.

ROMA F5 (6S lipo)

	Roma F5 标准款	Roma F5 vista款
FC	: Mamba F722 mk2 FC	Mamba F405DJI FC
ESC	: Mamba F50 pro ESC	Mamba F50 Pro ESC
Motor	: Mamba 2207.5 1700kv	Mamba 2207.5 1700kv
CAM	: Runcam PHOENIX2 (凤凰2)白	Caddx Vista
VTX	: Mamba TX400	Caddx Vista
Antenna	: Mamba RHCP 白(SMA)	Mamba LHCP 黑(SMA)
Props	: HQ Ethix S5 Prop	HQ Ethix S5 Prop
Rx	: Frsky Rxsr/TBS CROSSFIRE NANO	Frsky Rxsr/TBS CROSSFIRE NANO



DIATONE[®]

We provide outstanding service since 2012

Manufacturer : Diatone Innovations Design by JAHO

Tel : (+86) 0769-82100057

Web : www.diatone.us

Address : Baijiayi Technology Park A-3, Yantian, Fenggang, Dongguan, Guangdong, China