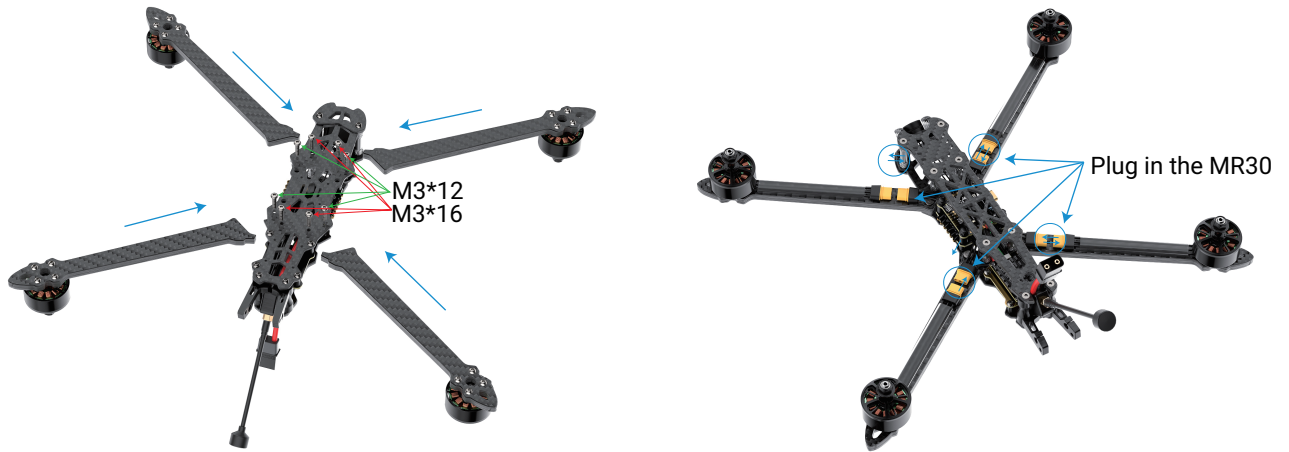


# Mark4-7 Inch Instruction Manual

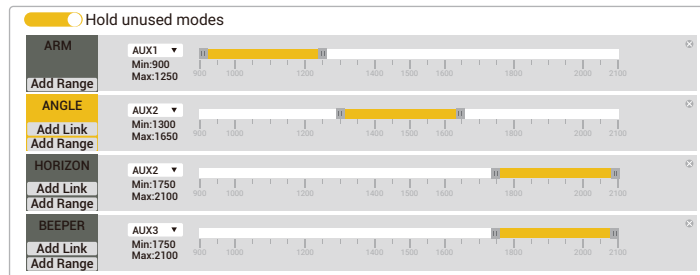
## Arm installation

Install the arms, screws and MR30 plug



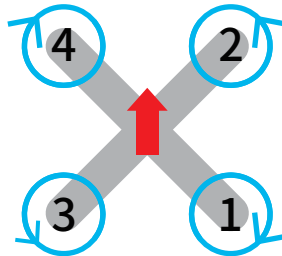
## Unlock switch

After successful linking, connect to the Betaflight ground station. Enter the mode option and try to toggle each function switch on the remote control. When the yellow cursor moves to the set range, the corresponding function will be turned on.



Reverse motor direction

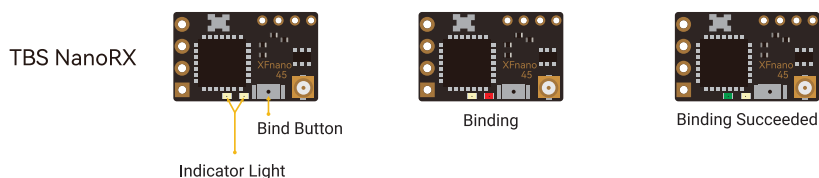
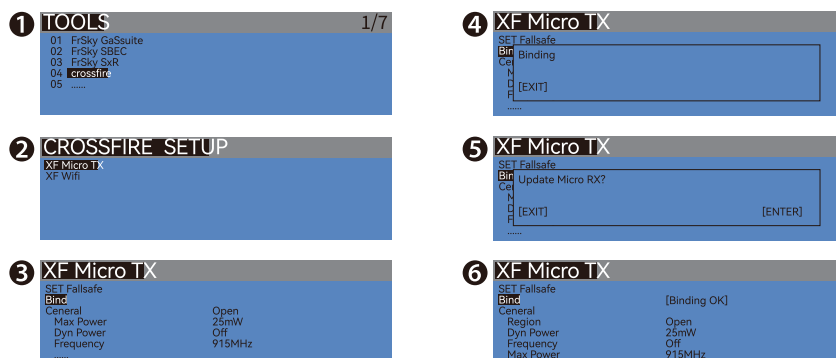
Disconnect Betaflight, Power on the quadcopter, and the default motor rotation is forward.



## TBS Nano RX Receiver

1 While powering on the receiver, press and hold its Bind button until the green light rapidly flashes, then release the Bind button. Press and hold the receiver's Bind button again for 8 seconds, then release it. Wait for the green indicator light on the receiver to turn off and the red light to flash slowly. You will see 'Update micro RX?' on the remote control screen-select 'ENTER'!

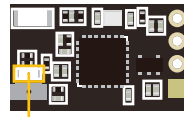
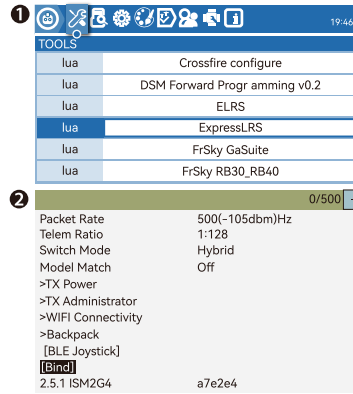
2. Wait for the update to complete and the automatic binding process. Once successfully bound, the remote control will display 'Binding Ok' and the TBS Nano RX receiver indicator.



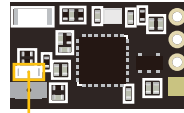
# ELRS Receiver

We recommend checking whether the tuner and receiver firmware are consistent before binding. If they are inconsistent, please upgrade the firmware.

1. To activate bindina mode, power cvcle the receiver three times, When successful,the receiver's LED will rapidly flash twice, indicating it's in binding mode.
2. If you are using the RadioMaster TX12 transmitter, access the TOOLS interface by long pressing the SYS key. Then, navigate to 'ExpressLRS' and enter this option, Inside the 'ExpressLRS' menu, locate the 'Bind' button on the ExpressLRS Lua script and select it, This action will send out a binding pulse, and a popup will briefly appear and then disappear.
3. If the receiver's LED indicator turns into a solid light, it's a clear indication that the binding process has been successfully completed.

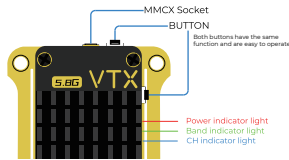


Binding in Progress: 2 Rapid Flashes



Successful Binding: Steady Light

# RAD VTX 5.8G 1.6w /5.8G 2.5W setting



VTX frequency:

Universal frequency table (BAND)	CH							
	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
1, A (BOSCAM)	5865Mhz	5845M	5825M	5805M	5785M	5765M	5745M	5725M
2, B (BOSCAM)	5733Mhz	5752M	5771M	5790M	5809M	5828M	5847M	5866M
3, E (BOSCAM)	5705Mhz	5685M	5665M	5645M	5885M	5905M	5925M	5945M
4, F (FATSHARK)	5740Mhz	5760M	5780M	5800M	5820M	5840M	5860M	5880M
5, R (RACEBAND)	5658Mhz	5695M	5732M	5769M	5806M	5843M	5880M	5917M

Manual setting:  
 Press and hold for 3 seconds, the blue light will flash 3 times, indicating entering the frequency selection menu.  
 Press and hold for 3 seconds and the green light will flash 3 times, indicating entering the frequency band selection menu.  
 Press and hold for 3 seconds and the red light will flash 3 times, indicating entering the power selection menu.

## 1. Frequency

LED Color	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
Blue	Flash 1X	Flash 2X	Flash 3X	Flash 4X	Flash 5X	Flash 6X	Flash 7X	Flash 8X

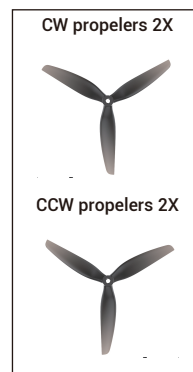
## 2. Frequency band

LED Color	Band A	Band B	Band E	Band F	Band R
Green	Flash 1X	Flash 2X	Flash 3X	Flash 4X	Flash 5X

## 3. Power (1.6W power is 25mW-1600mW)

LED Color	Pit	25mW	200mW	600mW	1600mW	2500mW
Red	Ligt ON	Flash 1X	Flash 2X	Flash 3X	Flash 4X	Flash 5X

# Propeller steering and installation



# Pre-Flight

1. Please install the antenna before powering on.
2. Verify that the propellers are oriented correctly and ensure the propeller nuts are securely tightened.
3. Ensure the battery is securely strapped to the quadcopter. Check that the battery's balance connector is neatly arranged and secured to prevent it.
4. Please check the battery voltage. When fully charged, the 4S voltage is 16.8v and the 6S voltage is 25.2v.
5. Turn on the remote control, select the correct model, make sure the unlock switch is in the locked state and the throttle position is at the lowest;
6. Activate your FPV goggles or screen and scan for any frequency interference.
7. Keep a safe distance of 3 meters to test the unlocking and see if the propeller rotate after the quadcopter is powered on.
8. Please flight in a safe area where no one is approaching.