

TALON GT REBEL



User Guide

Thank you for supporting us
buying a Talon GT "Rebel"

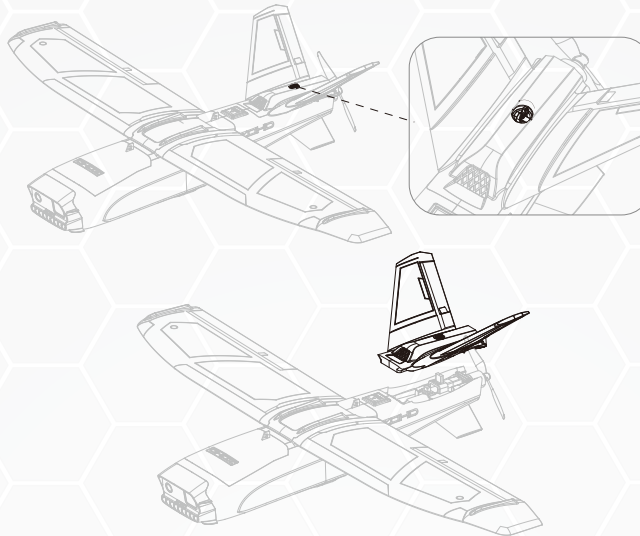
Stay connected with us through our social media channels:



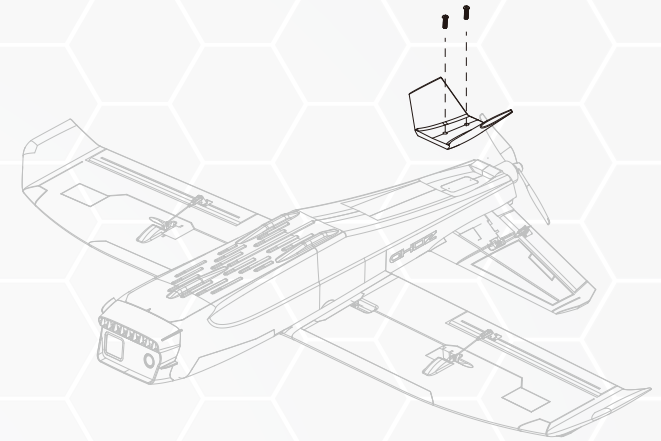
Contact us: info@sonicmodell.com sales@sonicmodell.com
Customer service: cs@sonicmodell.com
www.zohd.net



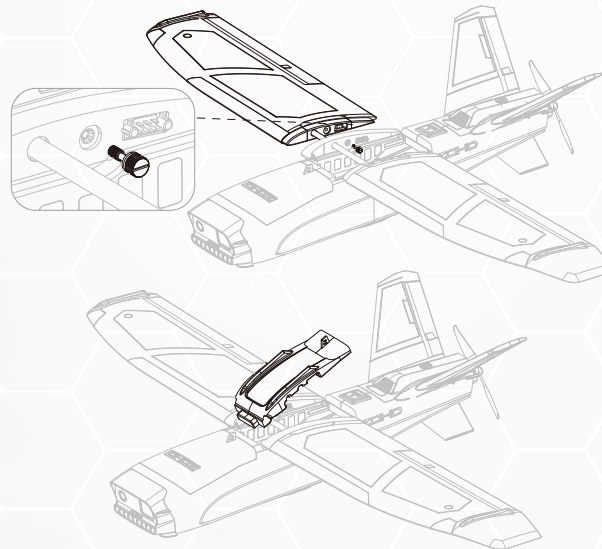
1. Secure the tail with the provided "quick lock" system.
You can also remove the tail anytime for an easy transport.



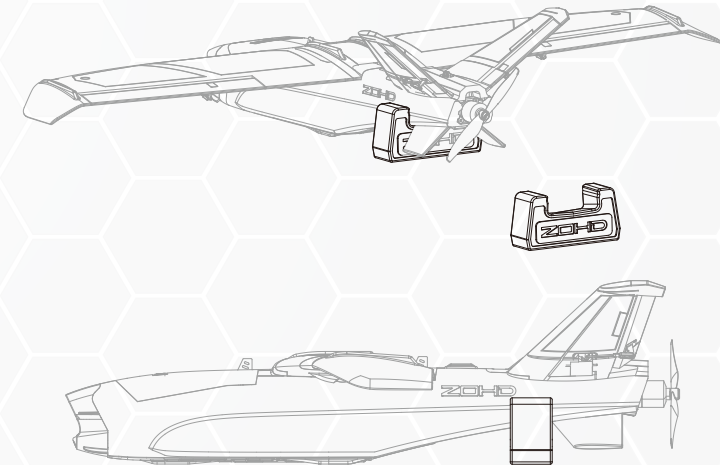
2. Use the 2 provided screws to fix the ventral fins.



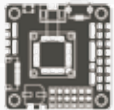
3. You can easily attach and remove the wings with the provided thumbscrews. Once your setup is done, you can close the main hatch.



4. Use the provided stand to help the plane sit straight and level while setting up your flight controller. You can also use the stand to prevent transport or storage damage to the ventral fins.

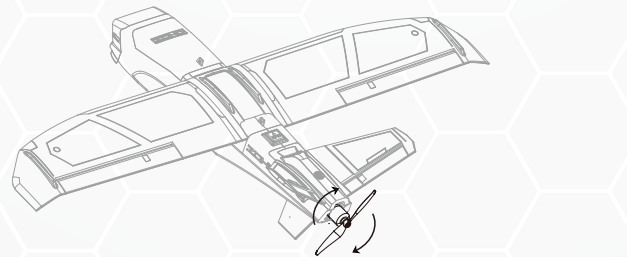
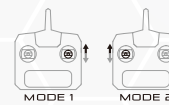
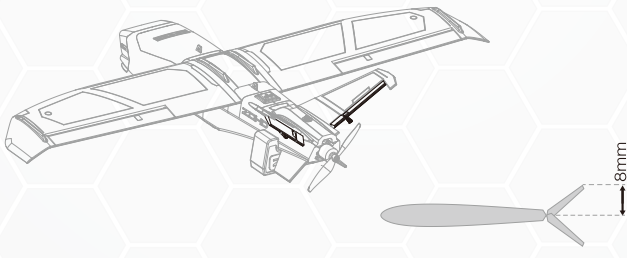
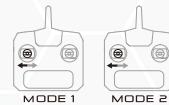
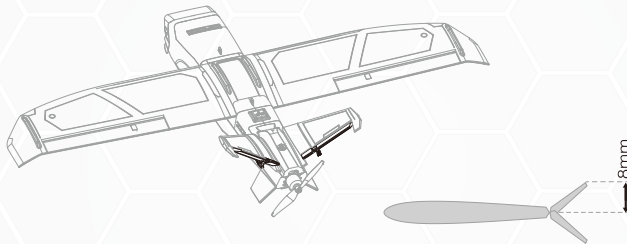
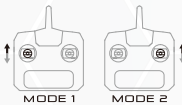
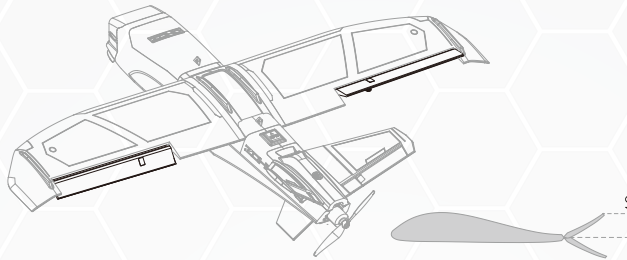
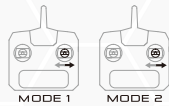
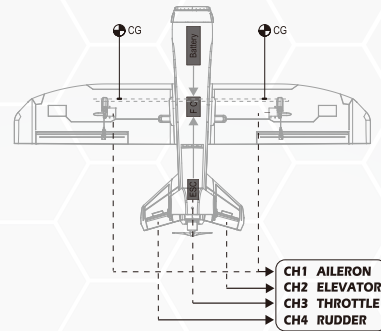
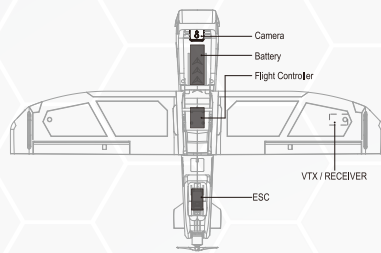


ZOHD
Inspiring The Future



For initial flights, if you don't plan to use any HD camera on the nose, please apply the provided nose sticker or cover the holes with tape. If you fail to do so, air pressure can blow your front battery hatch mid-flight.

This plane was designed to be flown with modern autopilot systems. Any other configurations, electronics replacements and modifications can lead to unwanted results. If you need assistance please contact our Customer Service Center at cs@sonicmodel.com



MKII BRUSHLESS MOTOR ESC



01 Specifications

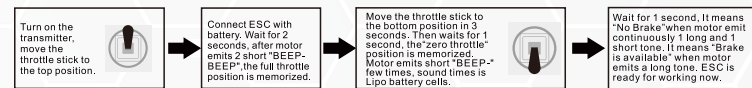
Model	Con. Current (Good heat dissipation)	Burst Current (Good heat dissipation)	BEC	LiPo	Weight (For reference)	Size (For reference)
ZOH MKII 40A	40A	50A	5V / 3A	2-4S	51g	65x26x15.5mm

02 Operation instruction

1. Normal start-up



2. Throttle Range calibration



3. Programming

Turn on the transmitter, move the throttle stick to the top position.

Connect ESC with battery. Wait for 2 seconds, motor emits 2 short "BEEP-BEEP". Then still wait for 5 seconds, motor emits special tone ">12321", it has entered programming mode.

Select items
After entering programming mode, you will hear groups tone which emits in a loop as following sequence.

	1	2	3	4	5	6	7	8
1. Brake	1short	1short	Beep -					
2. Battery type	2short	Beep-Beep-						
3. Cutoff voltage	3short	Beep-Beep-Beep-						
4. Timing	4short	Beep-Beep-Beep-Beep-						
5. Startup mode	1long	Beep-						
6. PWM frequency	1long&1short	Beep-Beep-						
7. Voltage cutoff option	1long&2short	Beep-Beep-Beep-						
8. Battery cells	1long&3short	Beep-Beep-Beep-Beep-						
9. Restore factory default	1long&4short	Beep-Beep-Beep-Beep-Beep-						
10. Exit	2long	Beep-Beep-						

Note: Usually, 1 long tone "Beep-" equals to 5 short tone "beep-", for example: 1 long tone "Beep-" and 1 short tone "beep-" equals to 6.

When motor emits "Exit" tone, move throttle to the zero position in 3 seconds, then motor emits special tone ">765765", it will exit the programming mode.

Item parameter

After motor emits a item tone, move the throttle to the zero position, then will enter this item, and motor will emits the parameter tone in a loop. please see the table below.

Move throttle stick to the top position after a certain tone that the parameter you want, the parameter is selected, then motor emits special tone ">1212", this parameter will be stored. Just wait If you still want select other item, it will go back to the Level 1 menu to select item, the operate method is the same.

Prompt tone	1	2	3	4	5	6	7	8
Item	1short	2short	3short	4short	1long	1long&1short	1long&2short	1long&3short
1. Brake	NO	Soft	Heavy	Very Heavy				
2. Battery type	Lipo	NiCd/NiMH						
3. Cutoff voltage	2.8V	3.0V	3.2V					
4. Timing	0°	3.75°	7.5°	11.25°	15°	18.75°	22.5°	26.25°
5. Startup mode	Normal	Soft	Very Soft					
6. PWM frequency	12KHz	8KHz						
7. Voltage cutoff option	Reduce cutoff	Cut off						
8. Battery cells	Auto	2S	3S	4S				

*Shadow parts are factory default value

If don't want select other parameter, move throttle to the zero position in 3 seconds, then motor emits special tone ">765765", it will exit the programming mode.