

Common failures and work around

Warning tone description

Symptom	Tone	Possible causes	Possible solutions
Motor fails to start after power on	“Beep beep beep...” rapid monotone	Throttle is not reset to zero	Push the throttle to the lowest point or recalibrate the throttle point
Motor fails to start after power on	“Beep, Beep, Beep...” (1 second for each interval)	No throttle signal input on the receiver throttle channel	Check if transmitter and receiver is normal. Check if wiring of throttle channel is normal
When power-on	“Beep Beep, Beep Beep...” (1 second for each interval)	Battery voltage is too low	Replace with a full-charged battery
When power-on	“Beep Beep, Beep Beep...” (1 second for each interval)	Battery voltage is too high	Replace with a suitable and fully-charge battery
Motor stops or restarts during operation		Motor is not compatible with the ESC	Replace motor, or propeller
No sound during self-test, motor is operating	No sound during self-test, motor is operating	Abnormal driving	Replace ESC Return to factory for repair
Motor fails to start normally, accompanied by “jam” vibration	No sound during self-test, motor is not operating	Loss of motor phase	Check phase connection Check motor Return to factory for repair

The blinking of the LED

Condition	Normal	Full of throttle	Over voltage	Low voltage	Over current	Throttle lost	The input throttle signal is not at the 0% position	MOS overheat	Capacitor over heat	Motor block
Number of blinking of the LED	The LED is always on	Continuous short blinking	1 short	2 short	3 short	1 long	1 long and 1 short	1 long and 2 short	1 long and 3 short	1 long and 4 short
Others										
Condition	The input throttle signal is not at the 0% position	Shorted circuit of UART port	Open circuit of motor							
Sound & blinking	Loudly beep and LED continuous short blinking	The LED always on with beep sound, or the LED is off	Continuous short blinking without beep							

