

## Troubleshooting Quick Reference

Problem	Solution
Motors won't start	Ensure GPS antenna has clear view of sky and GPS lock has been acquired
	Check for compass error indication
	Review start up procedure in manual
Blinking yellow led 'compass error' indication	Move model away from large metal objects or surfaces
	Calibrate compass (see <i>calibration reference</i> )
Steady beeping, motors won't start	Calibrate DX4 transmitter (RTF version)
	Center throttle trim (BNF version)
Won't hold position in hover	Check GPS antenna mast is extended Calibrate accelerometers (see <i>calibration guide</i> )
	Calibrate compass (see <i>calibration guide</i> )
	Calibrate accelerometers (see <i>calibration guide</i> )

For a complete description of the function, capabilities and maintenance of the Blade 350 QX3, refer to the full manual on the product page at [www.horizonhobby.com](http://www.horizonhobby.com).

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Created 10/14 47084 (EN)

## Blade® 350 QX3

## LED Codes

### Startup Codes

Radio off or not bound to the quad.....	No LED
Initialization failed.....	
IMU initialization .....	
Fully charged battery.....	
Fully discharged battery .....	
Emergency mode (cycle power to reinitialize) .....	
Bind mode.....	

### Flying Codes

GPS Disabled.....	
Smart Mode, waiting for GPS .....	
Smart Mode, GPS lock.....	
AP Mode, waiting for GPS.....	
AP Mode, GPS lock.....	
Return to home mode activated.....	
GPS lost while in Smart mode (in flight) ...	
GPS lost while in AP mode or return to home (in flight).....	
Battery voltage below 10.9V.....	
Battery voltage below 10.6V.....	
Compass calibration needed .....	

- CAUTION:** If you see the LED signal for low battery (10.6V), immediately land your aircraft and recharge the battery.
- CAUTION:** Do not attempt to use Return Home with a low battery.

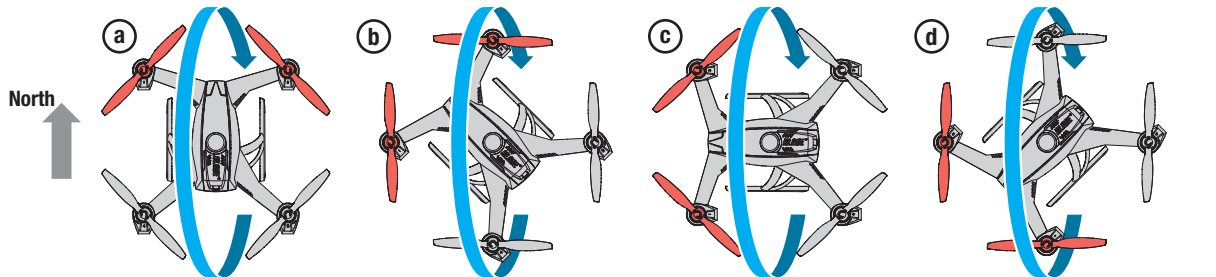
## Compass Calibration Procedure

**NOTICE:** The following procedure has to be completed within 30 seconds after entering compass calibration mode.

- Power the transmitter and 350 QX3 on and face the quad pointing North.
- Cycle the top left transmitter switch completely 4 times as shown at the right.
- The 350 QX3 indicates it has entered compass calibration mode by flashing the LED orange.
- Complete all 4 rotations of the 350 QX3 as shown in the illustration below within 30 seconds, rotating the quad counterclockwise 45° between each rotation.
- Hold the quad level, facing North and check the LED.

Green = Ready

Red = Repeat Compass Calibration



## Accelerometer Calibration Procedure

- Power on the transmitter and 350 QX3 and place the quad on a flat, level surface.
- While holding the bind switch on the transmitter, cycle the top left switch 4 times as shown at the right.
- The 350 QX3 will emit a series of slow tones followed by a series of rapid tones, indicating the calibration has started.
- Do not move the 350 QX3 while it performs the accelerometer calibration procedure.
- When the procedure has completed, the 350 QX3 will emit a "happy" tone and the LED will display green indicating the calibration was successful. If it emits a "sad" tone and the LED displays solid red, repeat the calibration procedure.

Please refer to the product manual at [www.horizonhobby.com](http://www.horizonhobby.com) for complete calibration procedures.

