

# PRODUCT USAGE WARNING

**THE 1721-2400KV IS AN EXTREME MOTOR DESIGNED FOR EXPERIENCED USERS ONLY.**

Failure to abide by the information in this document can lead to dangerous motor, ESC and/or battery failures. Following these guidelines will significantly reduce failures and increase your happiness and excitement. If you have any questions, just give us a call; we have real people right here in the USA ready to help you get the most (as safely as possible) from your setup.

Warranty: This motor is balanced and tested during manufacture and is warranted free from defects in materials and workmanship for 30 days following the original date of purchase. Due to the abusive nature of drag and speed run setups, Castle is not liable for incidental or consequential damages to other equipment such as ESCs and batteries when using this motor and is not responsible for failures resulting from abuse, improper installation, misapplication or alteration.

- Do not FREE REV the motor with no load, particularly when running 6s or higher. The RPM output of the motor is much higher with no load as the kv and battery voltages do not drop.
- This is a VERY high RPM motor. Start with very conservative gearing (small pinion/large spur). Check your data logs, temperatures and setup closely after each run to ensure you are not stressing components.
- This motor is intended for single passes only; allow time between runs for the ESC, batteries and motor to cool down to ambient temperatures.
- This motor can pull very high amperages. Make sure your batteries, connectors and soldering are capable of handling the loads. Inadequate power can cause poor performance and damage the batteries and/or ESC.
- Do not exceed 33.6v when using this motor.
- Be sure your pinion and motor bullets are secure before and after each run.
- Set ESC timing to Lowest (0). This motor will pull considerably more amperage as you increase timing. This does not necessarily equate to more speed as it puts more strain on the batteries and causes the voltage to sag. Less is more sometimes.



**Castle Technical Support**  
**Phone: (913) 390-6939, option #1; M-F, 9AM-4PM CST**  
**Email: [www.castlecreations.com/contact-support](http://www.castlecreations.com/contact-support)**