

# 150M MAIN MOTOR (9000KV/1107) USER MANUAL

## 150M主馬達 (9000KV/1107) 說明書

**ALIGN**

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承蒙閣下選用亞拓遙控世界系列產品，謹表謝意。使用前，請務必詳讀本說明書，相信一定能夠給您帶來極大的幫助，也請您妥善保留本說明書，以備日後參考。本公司將不對此印刷物之異動負責，也歡迎主動通知消費者任何更新或異動。本說明書內記載的材質、規格或零件包裝之內皆物如所有異動，請依亞拓官網公告為主。



Please visit Align download area to get the completed instruction manual at Align website.  
<http://www.align.com.tw/trex150-en/>

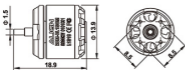
完整的說明書請至官網下載區下載。

### 150M MAIN MOTOR (9000KV/1107) 關於 150M 主馬達 (9000KV/1107)

This new Brushless motor developed by the ALIGN POWER R&D TEAM, is packed with the latest, cutting edge technology available today. It features exceptional levels of high-torque power. The 150M utilizes an 6-pole outrunner stator-rotor and unrivaled Ndfeb extra strong magnets that traditional magnets cannot compare to. Also included is a high temperature, wear-resisting, low friction, double ZZ high efficiency bearing. The 150M will be the most revolutionary motor operating on low current amperage, and delivering high torque to RC models.

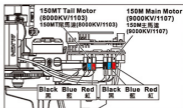
亞拓拓動力團隊獨家研發出新款的無刷馬達，具有超高扭力特色，採用9極磁片、6極外轉子以及傳統磁鐵無法比擬的強磁磁鐵磁鐵，搭配高溫耐熱的雙ZZ超高效能精密軸承設計，電流低、扭力強，將屬下一代動車中最具代表性的一顆星。

#### SPECIFICATION 尺寸規格



(Unit: mm)

#### ILLUSTRATION 接線示意圖



KV	KV值	9000KV(RPM/V)	Input voltage	輸入電壓	2S
Stator Diameter	定子外徑	11 mm	Stator Thickness	定子高度	7mm
Stator Arms	磁片片數	9	Magnet Poles	磁極極數	6
Dimension	尺寸	Shaft 軸 $\phi$ 1.5x $\phi$ 13.9x18.9mm	Weight	重量	Approx. 約 6.5g

#### FEATURES 特性說明

1. The 150M Main motor armature had a special balance adjust to improve the serious shaking problem.
2. Maintenance free, high torque, high efficiency, stable and quiet.
3. High-speed ball bearings, powerful magnetic outrunner rotor.
4. Suitable for T-REX 150 helicopters.

1. 150M主馬達轉子磁鐵特殊平衡校正，改善一般開外殼外轉馬達平衡不佳，易產生嚴重震動的缺失。
2. 免保養、高扭力、高效率、低噪音、低溫昇、控制穩定。
3. 高速滾珠軸承、高磁場外轉子。
4. 適用T-REX 150。