



#520006

LRP - X22 Modified 6.5T

The new reference class in high-end electric motors

The LRP X22 Modified brushless motor series is a powerful addition to the high-end motor line. **Developed for hardest competition in 1/10 scale applications**, its advanced technology is proven under the toughest racing conditions and stands out with its combination of **power, reliability and precise driving feel**. Designed for maximum efficiency and performance, every detail of the X22 series is engineered to meet the highest demands in professional racing.

The precision-machined **aluminum housing** features maximized cut-outs and additional openings on the flat surfaces to increase the cooling surface and improve airflow - ensuring low operating temperatures even under extreme load conditions with consistent performance.

The distinctive **matt black anodizing** and X22 engraving make it a perfect match for any competition chassis.

The **adjustable and optimized timing range from 14.5° to 34.5°** allows for the most precise timing settings in modified racing, enabling refined drivability and setup options.

The motor includes a **dual-axis balanced sintered rotor** with a shaft design that offers a **longer mounting surface** for improved mechanical stability. All internal components are optimized for maximum efficiency and vibration-free operation. It features **dual compact and precision 4x10x4mm bearings** for performance and durability, as well as an updated **multi-layer PCB** with reduced resistance.

LRP's unique **waterproof PreciSensor system** ensures accurate sensor operation with any speed controller - and offers additional advantages when used with LRP speed controllers.

The X22 motor series is built in full compliance with **IFMAR, ROAR, EFRA, FEMCA, JMRCA, BRCA and DMC regulations**.

FEATURES

- Special air vent design - Increased cooling surface and openings for maximum heat dissipation and airflow
- Modified-specific timing range - 14.5° to 34.5° timing for smooth and adjustable power delivery
- Competition racing stack - Highest grade materials for most efficient current flux and improved driving feel
- X22 rotor specification - Highest grade magnet material with updated shaft preparation for maximum performance, strength and reliability
- Distinctive matt black anodizing
- Multilayer powerboard - Reduced internal resistance for improved efficiency
- Rotor with longer mounting surface
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- Optional aluminium endplate available
- Dual-axis balanced rotor - For low-vibration, precision performance
- Waterproof PreciSensor system - Compatible with all ESCs, enhanced with LRP controllers
- High-Power multistrand Modified windings
- Dual ball bearings

TECHNISCHE DATEN

- Type Brushless, sensed
- Input Voltage 3.7 - 7.6V
- Winding Star (Multistrand Copper Winding)
- Shaft diameter 3.17mm
- Rotor diameter 12.5mm
- Motor diameter 35.9mm
- Motor length 50.8mm
- Weight 161g (+/-2%)
- Homologated IFMAR, ROAR, EFRA, FEMCA, JMRCA, BRCA, DMC

MEHR ZUM PRODUKT

AUF WWW.LRP.CC

- Aktuelle Preisempfehlung, Verfügbarkeit und Bestellmöglichkeit
- Weitere Produktbilder und -videos (wenn vorhanden)
- Passende Komponenten wie Tuning- und Ersatzteile
- Anleitungen, Bilder, Setup Sheets, Tech Tipps je nach Produkt zum Download
- Weiterführende Links
<https://www.lrp.cc/en/product/520006/>