

KDE DIRECT 700/800 SERIES SXT MAIN ROTOR HEAD SYSTEM

The new 700/800 Series SXT Main Rotor Head System provides the most innovative and highly-engineered control mechanics to instill confidence in any flying style. Every detail was scrutinized and continually reviewed to provide the ultimate system for Flybarless flight control, providing the latest technology for fast-response and smooth flight characteristics tailored to your own flying style.

STRENGTHENED HOUSING DESIGN

Geometry has been increased in key areas for significantly raised strength and stiffness characteristics in flight, without additional weight or undue material.

OPTIMIZED MAIN ROTOR GRIP ARMS

Arms extended further from the main shaft and optimized to the mounting location for perfect flight mechanic alignment and increased servo resolution (resulting in significantly improved Flybarless control).

INNOVATIVE CLAMPING MECHANISM

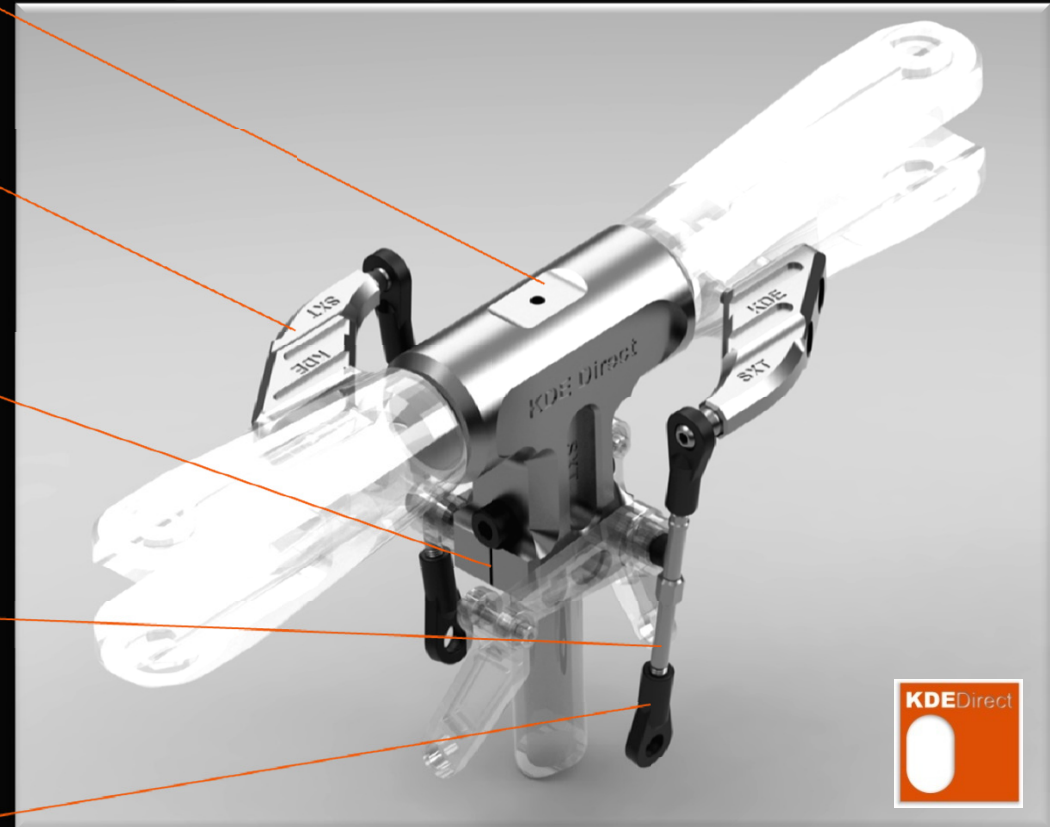
Design includes a M3 clamping mechanism for a rock-solid lock of the housing to the main shaft. This key design aspect provides unprecedented accuracy and crisp feel (no rocking/bobbing effects) for all types of flying styles.

TURNBUCKLE CONTROL LINKS

Stainless Steel M3 turnbuckles allowed for precise adjustment of pitch for perfect blade tracking and geometry setup. Solid M3 rod for extreme strength and durability (no flexing in flight).

HEAVY-DUTY BALL LINKS

Heavy-Duty, 4.95mm ball links provided for unprecedented strength and durability, minimizing the chance of failures and required maintenance.



OPTIMIZED MAIN ROTOR HEAD SYSTEM

The entire Main Rotor Head System is designed for fast response (lowered main rotor plane, 10 mm taller than "DFC") and excellent 3D flight performance, without the harsh and rigid mechanics required for direct-control type systems. Allows for higher Flybarless-system control gains to be utilized, matched with appropriate damper selection.