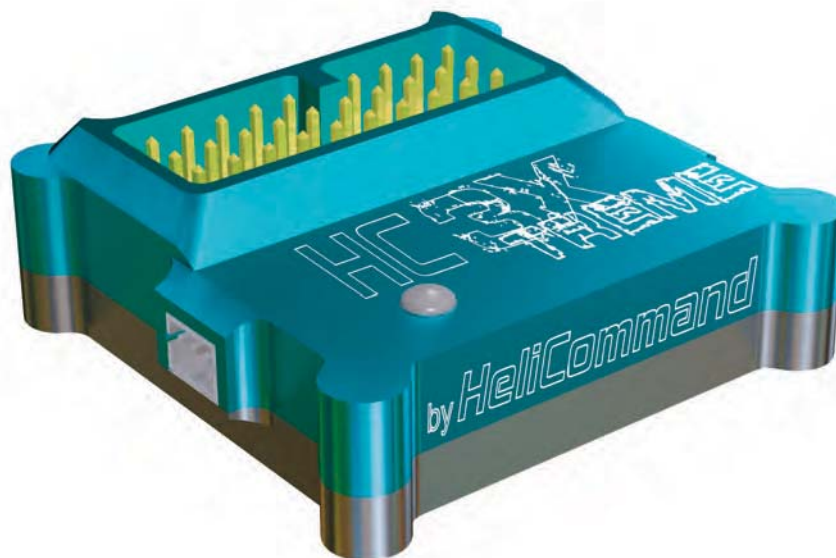


HC 3 - Xtreme Helicommand

No. 8570



The HC 3-Xtreme is a professional electronic unit for RIGID rotor heads, and replaces the mechanical auxiliary paddles normally fitted to the rotor head. The electronic circuit automatically corrects all the unwanted characteristics of rigid rotor heads. The reduction in weight makes model helicopters without flybar paddles significantly more agile and manoeuvrable, and provides an effective power increase of about 15%. The result is fantastic performance combined with very straightforward set-up.

The latest generation of the HC 3-Xtreme is based on high-quality MEMS sensors, making it fully 3-D capable. At the same time the unit incorporates a very high-quality tail rotor gyro with heading-lock function. No additional external gyro is necessary.

Naturally, the system is also suitable for use with flybar-less scale helicopters (two-blade and more) and other types of helicopter without flybar, including pod-and-boom types etc.

This unit expressly contains neither horizontal stabilisation nor position stabilisation, and is therefore entirely suitable for competition use.

All current types of analogue, digital and brushless servo are supported, as well as ultra-fast narrow-pulse tail rotor servos (760µs pulse width, e.g. robbe-Futaba S 9256 and BLS 251 servos). The unit also caters for all current swashplate variants as standard, including those with four swashplate servos (H1, H3-90°, H3-120°, H3-140°, H4-90°, H4-90°+45°).

With its high-quality aluminium case and elegant design, the unit effortlessly reflects the superb quality standards of today's large helicopter manufacturers. Its compact construction and flexibility of installation make it suitable for use in almost any helicopter, from the T-Rex 250 to 700 via the robbe 4s right up to large scale machines with rotor disc diameters up to 3.5 m.

- Independent auxiliary channels provide a clear division of gain settings for rotor head and tail rotor gyro, thereby minimising the set-up work required.
- Direct USB connection for fast programming; convenient set-up software is included in the set as standard.
- The software can also be updated at any time via the USB socket, making it possible to maintain the device constantly at the latest state of development.
- The connecting leads between receiver and HC 3-Xtreme feature plug-in connectors at both ends; this makes it easier to prepare the correct cable lengths for use in helicopters of various sizes.
- The HC 3-Xtreme is ready for connection to receiver systems with SP serial signal output, as featured on receivers such as the robbe R6007SP RASST unit; this reduces the receiver connection to a single cable.
- A software update for connecting the device to the Futaba S-BUS system is in preparation.

Specification:

Operating voltage: 4 ... 8 V
Servo neutral signal: selectable pulse width 1520µs / 760µs (tail rotor)
Servo frame rate: 66 Hz, 100 Hz, 200 Hz (tail rotor)
Dimensions: 36 x 34 x 14 mm
Weight excl. leads: approx. 18 g

Set contents:

- HC 3-Xtreme including fixings
- Cable loom for receiver connection (90 mm)
- PC software (Win98, ME, 2000, XP, Vista, 7)
- USB lead for direct connection to PC / Notebook
- Operating instructions

Recommended retail price: Less than 400 Euro gross

Available: November / December

Please visit www.robbe.com/mediathek... for current flight videos