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firmware, plus new
Nick Maxwell setup
videos.



Futaba®

CGY750

Flight Control System

With its combination of state-of-the art MEMS sensor technology, ultra-high-speed processing and advanced/adaptive PID control algorithms, the CGY750 is an outstanding choice for heli pilots of all types.

Versatility make it a great choice for all types of flying, while its size and weight make it simple to install in helis of virtually any size. Its advanced OLED display is easy to read even in bright sunlight. Presets and a Basic Menu speed and simplify initial setup; an Expert Menu helps you fine tune for maximum performance.

The CGY750 is compatible with all S.Bus flight systems, receivers and servos, but can also be used with non-S.Bus systems by using the SBE-1 adapter (available separately). Free firmware updates are available for download on futaba-rc.com (CIU-2 interface required).

FUTM0836

Recommended Options:

FUTM1106	BPS-1 RPM Sensor
FUTM4194	SBE-1 S.Bus PWM Adapter
FUTM0951	CIU-2 PC Interface
FUTM0147	BLS274SV S.Bus2 HV Programmable Tail Servo
FUTM0148	BLS276SV S.Bus2 HV High-Speed Programmable Servo

Control Unit:

Dimensions: 1-3/4 x 1-3/16 x 7/16 in (44 x 30 x 11 mm)
Weight: 0.5 oz (13 g)

Gyro Sensor:

Dimensions: 13/16 x 13/16 x 3/8 (21 x 21 x 10 mm)
Weight: 0.4 oz (10 g)



Features:

- A dynamic response range of up to +/- 1,200°/second
- Advanced algorithm provides consistent rotation rates on all 3 axes, precise operation and smooth yaw control in all flight conditions
- Compatible with H3-120, H3-140, H3-90, H4-00, H4-45 and normal swash plates
- Compatible with 1520µS analog (70Hz), 1520µS digital (280Hz) and 760µS digital (560Hz) tail rotor servos
- 3D and Sport modes
- Easy-to-configure tail rotor performance (max rates: 450°/sec [sport]; 720°/sec. [3D])
- Presets for control feel and 450-550, 600-700 and 750+ helis
- Large, 128 x 36 OLED (Organic Light-Emitting Diode) display shows:
 - Maximum rpm (on recall)
 - Engine run time
 - Maximum roll rate
 - Maximum pitch rate
 - Battery voltage
 - Gyro gain
 - Operation Mode
- Includes: CGY750 gyro, controller; 6" (152 mm) S.Bus cable; dust covers; adjustment screwdriver; and mounting pads