

Futaba®

*"Advanced radio technology
for precise, dependable control."*

BRUSHLESS DIGITAL SERVOS

Futaba leads the way with brushless technology — for longer servo life and better performance!



FUTM0550

BLS251 Brushless Digital Heli Rudder Servo



FUTM0551

BLS351 Brushless Digital High-Torque Servo



FUTM0552

BLS451 Brushless Digital High-Torque High-Speed Servo

In the race for innovations that get big results, Futaba always comes first — whether bringing exceptionally precise Silicon Micro Machining (SMM) technology to gyros or getting maximum speed, reliability and security out of 2.4GHz radio systems. Now Futaba has done it again — by unveiling the first digital servos with the advantages of brushless technology. No one's done it before.....and the payoff is huge!

- At least FIVE TIMES longer-lasting than brushed servos.
- 30% faster response times.
- Greater resistance to jolts and vibration.
- Smoother operation.

Plus...

- Same power consumption as brushed digital servos.
- Same compact case size as standard servos.
- Exceptionally durable geartrain.
- Smooth dual ball bearings and strong Samarium Cobalt magnets.

Barry Baker TQs and wins the On-Road Nats using the Futaba BLS451 - in its first major race!

Model	Dimensions (in)	Weight (oz)	Torque (oz-in) 4.8V/6V	Speed (sec/60°) 4.8V/6V	Airplanes	Helis	Off-Road Electrics	On-Road Electrics	Nitro Vehicles	Power Boats
BLS251 BLS Heli Rudder HS 2BB MG Metal Center Case	1.6 x 0.8 x 1.5	1.7	47 / -	0.06 / -		✓				
BLS351 BLS HT 2BB MG Metal Center Case	1.6 x 0.8 x 1.5	2.2	168 / 210	0.16 / 0.13	✓	✓	✓	✓	✓	✓
BLS451 BLS HT HS 2BB MG	1.6 x 0.8 x 0.4	2	118 / 147	0.13 / 0.10	✓	✓	✓	✓	✓	✓

For more information and the location of the Futaba dealer nearest you, visit www.futaba-rc.com or call 1-800-682-8948 and mention code number 99Y36.

www.futaba-rc.com

Futaba®

POPULAR SERVO ACCESSORIES

Aluminum Servo Horns



FUTM2050

- All fit standard-size Futaba servos.
- Adjustable Servo Horn (FUTM2050) adjusts in 6° increments (up to 120° maximum).
- FUTM2130-2133 are single-sided with four pre-drilled starter holes.
- FUTM2125-2128 are double-sided with four pre-drilled starter holes on each arm.

Stock #	Part #	Style/Application
FUTM2050	FSH-59	Adjustable Servo Horn
FUTM2125	FSH-TD4S	20mm Double Thin Aluminum Arm - Silver
FUTM2127	FSH-TD4R	20mm Double Thin Aluminum Arm - Red
FUTM2128	FSH-TD4B	20mm Double Thin Aluminum Arm - Blue
FUTM2130	FSH-T4S	20mm Single Thin Aluminum Arm - Silver
FUTM2132	FSH-T4R	20mm Single Thin Aluminum Arm - Red
FUTM2133	FSH-T4B	20mm Single Thin Aluminum Arm - Blue

Servo Horn Gauges



FUTM2400

- Measure holes from the center point of a servo horn, in half millimeter increments.

FUTM2400 Horn Drill Gauge 12.5-15mm
 FUTM2401 Horn Drill Gauge 9.5-12mm

Gyros

Futaba GY series Gyros feature the superior shock and vibration-resistance of SMM (Silicon Micro Machine) technology, plus the amazing AVCS (Angular Velocity Control System) — the most positive and automatic form of tail control available.



GY401 Gyro
FUTM0807

- Gain is transmitter-adjustable
- Dimensions: 1 x 1 x 0.8 in
- Weight: 0.95 oz



GY611 Gyro w/S9256 Servo
FUTM0825

- High-resolution, 12-bit A/D microprocessor with 760 ms pulse rate.
- Amp Dimensions/Weight: 2.25 x 1.25 x 0.6 in / 1.2 oz
- Sensor Dimensions/Weight: 1.2 x 1.2 x 0.7 in / 1.1 oz

Futaba Advanced Spread Spectrum Technology - for air and surface use.

3PK Module and Receiver 2.4GHz Set



FUTL8925



FUTL7630

The perfect combination for on-road and off-road dominance.

It's a quantum leap forward in performance for the 3PK! The 2.4GHz FASST module and R603FS receiver enable the 3PK to do more, do it faster — and do it more accurately, too. Plus, you enjoy the convenience of not having to wait for a frequency to open up.

“The Futaba 2.4GHz system has the familiar feel and speed of the HRS, and adds the convenience of not having to wait for a frequency to open up.”
 - Taylor James

- Continuous Channel Shifting prevents signal conflicts or interruptions.
- Auto-Selects HRS or PPM modulation.

Stock #	FUTL8926
System	2.4GHz Set
Modulation	HRS/FM/PPM
Band	2.4GHz
Receiver	R603FS



Simply install the R603FS receiver in your vehicle, plug the module into your 3PK transmitter — and start racing!

12FG 12-Channel 2.4GHz Computer Radios

Takes 12-channel control to the next level!

Whether you look at it for cutting-edge technology, versatility, or value, the 12FG comes up a winner. Advanced 2.4GHz technology makes it virtually immune to signal interruption or interference — for an unprecedented degree of dependability. It also offers the most advanced performance and set-up features available today, including:

- TM-14 Tx Module
- R6014FS 2.4GHz receiver
- 6 digital trims
- 2 slider switches w/front/back access
- Dial 'n Key™ programming
- “Joystick” button for menu navigation
- Airplane/Sailplane/Heli Software
- 74 model type combinations
- 10 free mixes
- 8 flight conditions (7 + default)
- 255 x 96 LCD w/adjustable contrast
- Quad bearing gimbals
- Pivoting antenna
- 1700mAh NiMH Tx battery & 1500mAh NiCd Rx battery



Memory for 30 model set-ups is built-in. Adding the optional 1GB SD Card expands that to 1,882 models!

Stock #	System	Rx	Mode
FUTK9275	12FG Air	R6014FS	2
FUTK9276	12FG Heli	R6014FS	2
FUTK9277	12FG Air	R6014FS	1
FUTK9278	12FG Heli	R6014FS	1

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