



Futaba®

We Put the Future of R/C in Your Hands™

18MZ

18-Channel 2.4GHz Computer System

With ground-breaking FASSTest technology!

Nothing else even comes close.

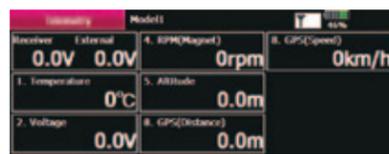
It's going to change the way 2.4GHz systems are designed — and take your radio control experience to new heights! The 18MZ boasts a long list of features, each representing state-of-the-art radio technology geared towards providing the kind of performance and convenience you may have never thought possible. The 18MZ makes it all possible... all you have to do is make it your radio.

18MZ System Overview

- The included R7008SB receiver is a high-voltage design that lets you use as many channels as you want.
 - Operate on up to 8 channels using 8 standard PWM outputs. Servo options are wide open, ranging from analog to S.Bus and new S.Bus2 servos.
 - You have access to up to 18 channels (16 proportional + 2 digital) through the 18MZ's two S.Bus ports. That means simpler, more foolproof setup and full support for S.Bus and S.Bus2 servos.
- SD Card slot — slide in a card, and you have ample (and adjustable) capacity for updates, model memory and more.
- Versatile "internal memory" — in addition to model/setup data, it can also be used for sound and picture files...especially useful, since the 18MZ has...
- A built-in 0.3M megapixel camera — just point the 18MZ, click and you have a foolproof picture ID of your model, without the need for a digital camera or even a flip phone.
- A 6" HVGA TFT touch screen with 640x240 resolution — that's big, brilliant and backlit for easy viewing anywhere. Enjoy sparkling clarity on remarkably little power; gentle finger pressure is all that's needed for fast, easy navigation and programming.
- Download free software updates online — a fast and easy way to keep your system current, and a popular feature that's standard on Futaba computer systems.
- Two built-in USB ports — that you can use to connect to a memory stick keyboard or mouse OR use to download telemetry data to your PC or laptop for storage and reference.
- A serial interface — that works like Futaba's stand-alone CIU-2 serial interface for programming S.Bus and S.Bus2 servos, as well as Futaba gyros like the GY520.
- Stick angles adjust quickly and easily
- A removable 7.4V 3500mAh LiPo battery is standard equipment — for extended transmitter run times.
- Easy Link ID™ — no button on the receiver has to be pushed in order to link the transmitter and receiver.
- Wide spacing on shoulder switches — with room for a finger to easily rest between the switches



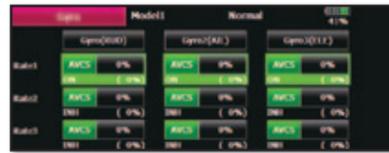
Modulation type and receiver linking screen



Main telemetry screen



Sensor configuration menu



Heli 3-axis gyro menu



S.Bus Gyro programming screen



S.Bus servo programming screen

18MZ Specifics

- Bi-directional communication from the 18MZ to the R7008SB receiver for telemetry
- Multiple telemetry sensors are available, including: RPM (both magnetic and optical), temperature, voltage, altitude, GPS & fuel level.
- S.Bus and S.Bus2 protocols
- Dual high-speed processors
- 3-axis gyro support
- Rename functions
- Ultra-precise, smooth gimbals with pots rated to over 1,000,000 cycles
- Built-in programming tools for S.Bus programmable servos and gyros such as the GY520



Use as many channels as you want with the included R7008SB high-voltage receiver. FUTL7675



Stock #	System	Band	Receiver	Tx LiPo	Mode
FUTK9530	18MZA FASST	2.4GHz	R7000SB	3500mAh	2
FUTK9531	18MZH FASST	2.4GHz	R7000SB	3500mAh	2

14MZ™

14-Channel 2.4GHz FASST Computer Radio

Unrivalled power and dependability in a 14-channel R/C system

The 14MZ is the system discriminating pilots ask for by name.

You can program the 14MZ FASST with just a touch, or by using the rotary dial to pull up any of its 30 digitally precise model memories in an instant. And when you do, get ready to experience the kind of performance that you might have believed was impossible!

And that's not all: you can add your own audio and picture files; tailor switch location, style and function to your preference; and enjoy up to three hours of flying time before recharging your transmitter pack.

The Futaba FASST 14MZ — 14 channels of unrivalled power and dependability in one user-friendly package.

14MZ System Overview

- 2048 resolution
- Real-Time Response™
- Dual internal processors: Windows® CE for set-up/programming tasks; Futaba for flight control functions
- Dual programming methods: "Touch n' Go™" touch screen or rotary dial and direct select buttons
- Capable of FASST, FM/PPM, PCM1024 and PCM2048 operation
- Airplane/glider and heli software
- 30-model internal memory, expandable to over 900 with included CF card*
- Model clear, copy and naming
- Assignable switches/functions
- Switch customizing
- 6 factory-preset Variable Dual Rates™
- Servo Grouping™ for multi-servo synchronization
- Engine mixing (for up to 4 engines)
- Transflexive, backlit 640 x 240 HVGA display w/adjustable contrast
- 10 programmable mixes
- 24 factory-defined mixes (16 air; 8 heli)
- 9 flight conditions
- 6 digital trims
- Servo monitor display
- Servo reversing, servo center and EPA

- Mode 1-4 selectable
- Throttle cut/idle down
- Swash AFR
- Gimbals with quad bearings and long-life potentiometers
- Sticks with adjustable length, tension and detent
- 4 slider switches (2 side-mount; 2 front/back accessible)
- 7-color status LED
- Charging, DSC and trainer jacks
- Deluxe metal carrying case
- Wall chargers, touch screen stylus, cleaner, neck strap, DSC cord, rubber grips and hex wrenches



14MZ Specifics

- Variable Dual Rates can be assigned to any function in any configuration (they can be combined with Expo and activated automatically, without program mixing, using Flight Conditions)
- Ultra-fine, 0.5% setting increments for precision set-up and "quick-step" mode for multi-increment advancement
- Free online software downloads of updates and upgrades

*128MB Compact Flash Card included. Ideal for downloading/storing images; recording/playback of sound files & voice prompts; expanding memory by over 900 models.

Stock #	System	Band	Receiver	Tx Li-Ion	Mode	Tx Module
FUTK9400	14MZA FASST	2.4GHz	R6014HS	2200mAh	2	TM-14
FUTK9401	14MZH FASST	2.4GHz	R6014HS	2200mAh	2	TM-14

Mode 1 conversion available.

12Z

12-Channel 2.4GHz Computer Systems

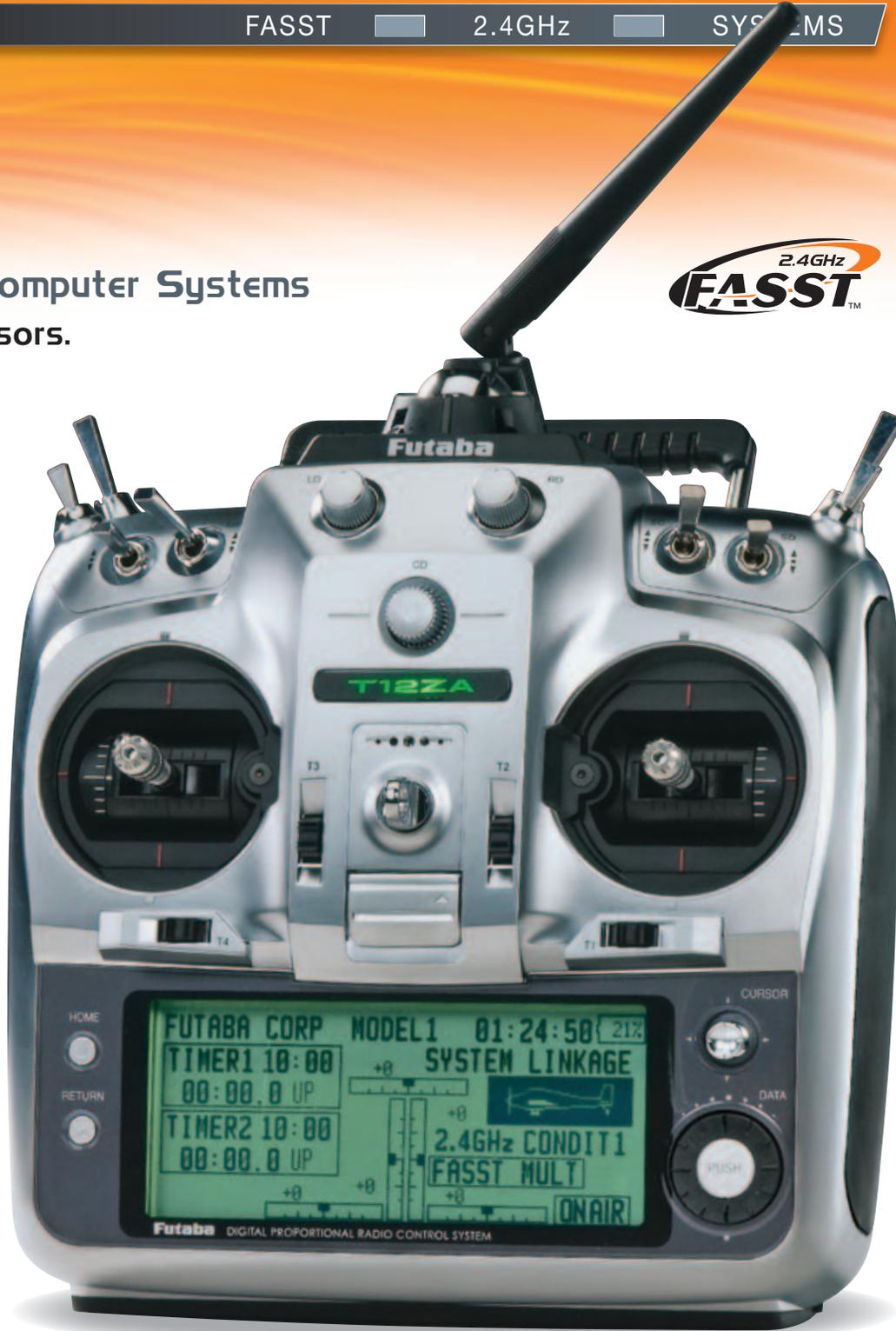
Powered by dual processors.

The 12Z is the only system that rivals the 14MZ's performance and programming potential — and it offers exceptional value as well. All the functions you could want are here...ready to take your flying to the next level.



12Z Overview

- Dial 'n Key™ programming
- 300 x 128 LCD w/adjustable contrast
- 25-model memory, expandable to 245 models*
- Model clear, copy & naming
- Menus/Functions: System (8); Linkage (14 airplane/16 heli); Model (14 airplane/17 heli)
- Airplane/glider & heli software
- 10 programmable mixes
- 24 factory-defined mixes
- 8 flight conditions
- Digital trims
- Assignable switches/functions
- 2048 resolution
- Real-Time Response™
- 6 Variable Dual Rates™
- Servo Grouping™ for multi-servo synchronization
- Capable of FASST, FM/PPM, PCM1024 or PCM2048 operation
- Servo reversing, servo center & EPA
- Mode 1-4 selectable
- Gimbals with quad bearings and long-life potentiometers
- Sticks w/adjustable length, tension and detent
- 8 shoulder switches
- 2 slider switches
- 3 rotary dials
- 7.4V, 2200mAh Lithium Ion Tx battery w/charger
- Lockable metal carrying case



12Z Specifics

- Includes two Futaba processors: one for flight control, one for set-up/programming
- "Joystick" button for faster, simpler menu navigation
- Variable Dual Rates that can be assigned to any function in any configuration
- Ultra-fine 0.5% setting increments and "fast forward" mode for multi-increment advancement
- Engine mixing option for synchronizing up to four engines
- Backplate-mounted slider switches for fingertip control
- Free online downloads of system enhancements and software updates

Stock #	System	Band	Receiver	Tx Li-Ion	Mode	Tx Module
FUTK9300	12ZA FASST	2.4GHz	R6014HS	2200mAh	2	TM-14
FUTK9301	12ZH FASST	2.4GHz	R6014HS	2200mAh	2	TM-14

Mode 1 conversion available.

* Requires optional 128MB Compact Flash Card (FUTM9411)

12FG

12-Channel 2.4GHz Computer Systems

Affordable, cutting-edge 12-channel control...

Download upgrades/updates online — free!

The most amazing thing about the 12FG is not how much it can do. It's how it can do so much, yet be so affordable! The 12FG offers more than the cutting-edge dependability of 2.4GHz FASST technology; it offers many of the features you'll find on our 12Z and 14MZ systems: 2048 resolution, programmable and factory-defined mixes, plus the ability to download updates and programming enhancements online, free of charge. Unrivaled technology. Unsurpassed value. The 12FG 2.4GHz — only from Futaba.



12FG System Overview

- Dial 'n Key™ programming
- Assignable switches/functions
- Heli, airplane and glider software
- 10 programmable mixes
- 46 factory-defined mixes/functions (14 heli; 32 airplane/glider)
- 30-model memory (expandable to 1,088 models*)
- 8-character model naming
- 2048 resolution
- 6 digital trims
- Servo Grouping™
- 6 Variable Dual Rates™
- Dual/triple rates, servo centering, servo reversing, exponential and endpoint adjustment
- 8 flight conditions w/delay
- 255 x 96 LCD w/adjustable contrast
- Free downloads of software updates/upgrades
- Fail-safe
- Servo monitor display
- 2 slider switches (front/back access)
- 17-point throttle and pitch curves
- Model clear, copy, re-set
- AFR (Adjustable Function Rate)
- "Full functionality" trainer system
- Adjustable throttle cut/idle down
- Condition hold
- 0.5% settings increments
- Variable/exponential rate single switch option
- Additional features: elapsed time counter; dual, independent up/down timers; quad bearing gimbals; sticks w/length tension adjustments; heavy-duty switch harness; neck strap; Tx battery; charger and charge jack



Stock #	System	Band	Receiver	Tx NiMH	Mode	Tx Module
FUTK9275	12FGA FASST	2.4GHz	R6014FS	1700mAh	2	TM-14
FUTK9276	12FGH FASST	2.4GHz	R6014FS	1700mAh	2	TM-14

*A 1GB SD card is required for maximum memory capacity. SD card sold separately.

Mode 1 conversion available.

IOCG

10-Channel 2.4GHz Computer Systems



The IOCG: pro-level features at a sport-system price.

The 10CG is perfect for the pilot upgrading from a 9C transmitter — an integrated, 2.4GHz treasure trove of features formerly found only on the most advanced systems.

But it's also a system that boasts advantages few others can claim: 7-point throttle and pitch curves; 4 heli flight modes; a round dozen factory-defined glider mixes; graphics for programming swash plate types; swash ring; and logic switches that allow you to activate a timer or other function just by changing the positions of specific sticks or switches.

10CG System Overview

- Dial 'n Key™ programming w/joystick
- Airplane, heli and glider software
- 2048 resolution
- Real-Time Response™
- Smart Switch Technology™
- Basic & advanced menus
- 15-model memory, expandable to 48 models*
- 10-character model & user naming
- Assignable switches & dials/functions
- Model select, copy, re-set
- Data transfer
- 2 proportional slider switches
- Fail-safe, sub-trims, servo reversing & EPA
- Digital trims & trim step, expo & dual/triple rates
- 160 x 72 backlit LCD w/adjustable contrast
- Servo monitor display
- Auxiliary channel screen for 1-step function/switch assignment
- Model & system timers
- Full functionality trainer system (cord required)
- Throttle cut, hold & idle down
- Mode 1-4 selectable
- Sticks w/length and tension adjustments

*Requires optional 128K CAMPac Module (FUTM9408)



Airplane Features

- 8 programmable mixes, plus
- Elevator/Flap; throttle needle; aileron differential; flaperons; V-tail; elevon; and air brake w/elevator delay
- Ailevator; 4-position snap roll switch; 2 independent gyro settings; 7-point throttle curve; and flap trim

Heli Features

- 6 programmable mixes, plus
- Hover/pitch; hover throttle; 8 swash plate types w/graphics; swash AFR; 5-point revo mixing; gyro menu; 7-point throttle & pitch curves w/delay; high/low pitch setting; swash ring; and throttle hold & 3 idle-ups w/delay

Glider Features

- 8 programmable mixes, plus
- Butterfly/elevator (2); elevator/flap; chamber mix; aileron/flap; aileron/rudder; flaperons; V-tail; and 4-point offset
- Spoiler mix; single/dual flap servos; 5 flight conditions; 3 wing types; and adjustable motor cut

Stock #	System	Band	Receiver	Tx NiCd	Rx NiCd	Mode	Tx Module
FUTK9255^	10CGA FASST	2.4GHz	R6014HS	700mAh	600mAh	2	—
FUTK9256^	10CGH FASST	2.4GHz	R6014HS	700mAh	—	2	—
FUTJ9150+	10CA	72MHz	R3110DPS	700mAh	—	2	TP-FSM*
FUTJ9151+	10CH	72MHz	R3110DPS	700mAh	—	2	TP-FSM*

Legend: + = Synthesized; * = Modular; ^ = Mode 1 conversion available.

FREE
Software Upgrade

Attention 8FG Owners: Visit futaba-rc.com for the upgrade you need to make your system "Super" — at NO charge!

8FG Super

14-Channel Computer System

"Super-sized" with more channels — and CGY750 gyro support!

Recommended by Bobby Watts, Matt Botos, Nick Maxwell and Kyle Stacy, the 8FG Super is the first radio that *really* supports flybarless helicopters — and it's perfect for all other applications, too.

The original 8FG was already an exceptional value. Now, for the same cost, the 8FG Super adds six more channels...software tailored to the CGY750 gyro...a customizable user menu that displays frequently used functions...VPP (Variable Pitch Propeller) support you can set to three conditions for throttle and pitch curves...and more.

8FG Super System Overview

- 12 proportional channels
- 2 switched channels
- Integrated FASST 2.4GHz design
- 2048 resolution
- SensorTouch™ programming
- Airplane, heli & glider software
- 20-model internal memory, unlimited with SD card
- Compatible with 32MB to 2GB SD Memory Cards*
- Mode 1-4 selectable
- Customizable user menu
- Direct access to timers, channel mode & model selection
- 2-touch access to system, linkage & model menus
- Assignable switches/functions
- 10-character user & model naming
- Model select, copy & reset
- Data transfer
- All-channel & battery fail-safes
- Sub-trims, servo reversing, dual rates, expo & EPA with separate limit settings
- Digital trims & memory, with step or % display option
- 128 x 64 backlit LCD w/auto-off timer, normal/large timer display options, adjustable contrast & brightness
- Servo cycle w/bar graph displays
- Model & system timers
- Trainer system w/channel/function options
- Sticks w/ball-bearing gimbals, length & tension adjustments
- Stick calibration menus
- Servo grouping

* SD card not included.

Airplane Features

- 7 wing types
- 5 programmable mixes, plus:
 - Aileron/Rudder mix
 - Rudder/Aileron mix
 - Rudder/Elevator mix
- Snap roll
- Fuel mix
- 5-point throttle curve
- Throttle delay
- Gyro Function w/up to 3 gyro rates
- Motor menu w/speed adjustment
- Variable pitch prop support

R6208SB 2.4GHz FASST 8/18 Channel S.Bus High-Voltage Receiver

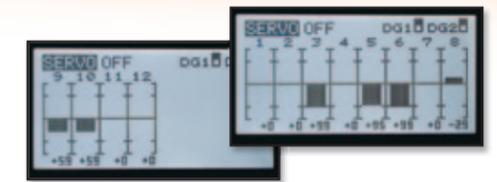
The 8FG Super's R6208SB receiver accepts a wide range of batteries, from 4-cell NiCd and NiMH packs to 2S LiFe and LiPo packs, with no regulator required. PWM (Pulse Width Modulation) channels support up to eight standard analog or digital servos. Using its S.Bus port, the receiver handles up to 18 channels — and makes incorrect servo-channel hookups impossible. The R6208SB also features a high-speed mode that delivers ultra-fast frame rates on channels 1-6.

Helicopter Features

- 6 swash plate types
- 5 programmable mixes, plus:
 - 4 swash mixes (aileron/elevator, elevator/aileron, pitch/aileron & pitch/elevator)
 - 3 throttle mixes (to aileron, elevator & rudder)
 - 5-point throttle & pitch/rudder mixing
 - 5 conditions w/delay per channel
 - 5-point throttle & pitch curves
 - Throttle hold
 - Hovering throttle & pitch
 - High/low pitch rates
- 3-Axis gyro support with 3 different rates
- Governor functions

Glider Features

- 10 wing types
- 5 programmable mixes, plus:
 - Aileron/Rudder mix
 - Rudder/Aileron mix
- 5 conditions w/delay per channel
- 4 virtual mixing channels
- Gyro functions w/separate rates for up to 3 gyros
- Motor menu w/speed adjustment



The 8FG Super makes 14 channels — and unmatched 2.4GHz FASST reliability — affordable for any pilot!



Switching from the normal timer to large timer display option helps keep you aware of time. It's perfect for pacing contest performances or simply keeping tabs on battery life.



Trims set up with digital precision and accuracy. You can adjust by setting trim steps a specific value, or as a percentage of the total range — whichever suits your flying style best.



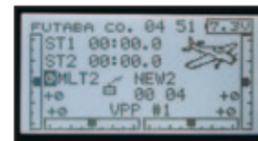
Features such as triple-axis gyro support and three gyro menus make the 8FG Super especially appealing to heli pilots.



Separate swash type and swash detail menus help you fine-tune heli setups to performance perfection.



The first radio with menus for the triple-axis CGY750 gyro, the 8FG Super is the ONLY radio to truly support flybarless helicopters.



The big backlit LCD offers contrast and brightness adjustments, normal/large timer display options and a user-settable auto-off feature for conserving power.



The glider menu offers four "virtual" channels for mixing setups, as well as the opportunity to set as many as five conditions per channel!



With the 8FG Super, how much memory you have is a matter of choice. 20-model memory is built-in, but the radio can accept SD memory cards from 32MB all the way up to 2GB. That's more than enough for virtually unlimited model setups and downloads of online software updates!



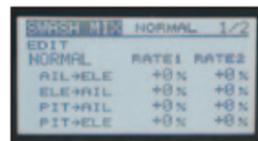
The SensorTouch™ dial — and a wide range of factory-defined mixes — let you program like a pro. Its touch-sensitive, wheel-style interface helps you navigate through menus with ease!



Swash trim can be adjusted easily from the 8FG Super's swash screen.



Functions you use most often can be customized and displayed for fast, easy access.



Swash Mixing helps you mix functions to dial out any adverse tendencies your helicopter might have, creating a perfect maneuver.



On the heli menu, you can assign the gyro and governor functions to any switch or control — conveniences that are usually found only on high-end systems.



You can set a single gyro rate on the airplane menu, or as many as three. Changing the rate is as easy as touching a switch.



Long slider levers provide greater comfort and control.



The 8FG Super comes out of the box perfectly balanced for neckstrap support and fingertip control. A thin, narrow case makes it easier and more comfortable to grasp.

Stock#	System	Band	Receiver	Tx NiMH	Mode
FUTK8010	8FGAS Super	2.4GHz	R6208SB	1700mAh	2
FUTK8011	8FGHS Super	2.4GHz	R6208SB	1700mAh	2

7C

7-Channel 2.4GHz Computer Systems

Programming simplicity meets 2.4GHz safety and sophistication.

Choose the 7C instead of a standard 6-channel system and you gain more than just another channel; you also enjoy the confidence of flying with all of the advantages of FASST technology.

Simply rotating and pressing a dial walks you clearly and logically through 7C programming — where basic menus cut set-up time to the bare minimum, and advanced menus get maximum performance from every flight.



7C System Overview

- Airplane and heli software
- Basic and advanced menus
- Dial 'n Key™ programming
- 10 model memory
- 6 character model naming
- Mode 1-4 selectable
- Model copy
- Assignable switches/functions
- Endpoint adjustment (EPA), sub-trims and servo reversing
- Digital trims, memory and trim step
- Dual or triple rates and exponential
- Adjustable throttle cut
- Battery and throttle fail-safes
- 72 x 32 LCD w/adjustable contrast
- Variable rate knob
- Trainer system (cord required)
- Sticks with adjustable length and tension
- Count-up/countdown timer
- Low-battery, mixing and RF alerts

Airplane Advanced Menu

- 3 programmable mixes, plus:
 - Flaperon
 - Elevator/flap
 - Flap/elevator
 - V-Tail/elevon
 - Aileron/rudder
 - Snap roll
 - Ailevator (dual elevator servos)
- Air brake
- Flap trim (dual aileron servos)

Helicopter Advanced Menu

- Revo mixing
- Governor mixing
- Gyro menu
- Throttle hold
- Swash ARF
- Swash/throttle mixing
- 5-point curve & pitch curves w/2 idle ups
- Hovering throttle/pitch
- Trim offset (aileron/elevator/rudder)
- 6 swash plate types (5 CCPM options)



Stock #	System	Band	Receiver	Servo(s)	Tx NiCd	Rx NiCd
FUTK7000	7CA FASST	2.4GHz	R617FS	(4)S3152	600mAh	600mAh
FUTK7001	7CH FASST	2.4GHz	R617FS	(4)S3152	600mAh	600mAh
FUTK7002	7CA FASST	2.4GHz	R617FS	(4)S3004	600mAh	600mAh
FUTK7004	7CA FASST	2.4GHz	R617FS	—	600mAh	—
FUTK7005	7CH FASST	2.4GHz	R617FS	—	600mAh	—

6EX

6-Channel 2.4GHz Computer Systems

An incredible buy in a 6-channel computer radio.

6EX System Overview

- 6 model memory
- 4 character model naming
- Simple 1 lever/2 button programming
- Airplane and heli software
- LCD
- Digital trims
- EPA and servo reversing
- Dual rates & exponential (ail/ele/rud)
- Single-switch control of dual rates and expo
- Throttle and battery fail-safe
- Mode 1-4 selectable
- Adjustable throttle cut
- Flap switch
- Retract switch
- Dual-rate switch
- Tx NiCd & dual output charger
- Low battery and mixing alarms
- Adjustable stick length
- Trainer system (cord required)

Airplane Menu

- 2 programmable mixes
- 4 factory-defined mixes
 - Flaperon
 - Flap trim
 - V-tail mixing
 - Elevon mixing

Helicopter Menu

- 9 factory-defined mixes
 - Throttle hold
 - Gyro mixing
 - Revo mixing
 - Throttle curve (5-point, normal & idle-up)
 - Pitch curve (5-point, normal & idle-up)
 - Swash-to-throttle mixing
- 3 swash plate types (independent, plus 90° and 120° CCPM)
- Swash ARF (plus 90° and 120° CCPM)
- Mixing alert



Stock #	System	Band	Receiver	Servo(s)	Tx NiCd	Rx NiCd
FUTK6900	6EXA/H FASST	2.4GHz	R617FS	—	600mAh	—
FUTK6901	6EXA FASST	2.4GHz	R617FS	(4)S3004	600mAh	600mAh
FUTK6902	6EXH FASST	2.4GHz	R617FS	(4)S3001	600mAh	—

FASST™ Receivers



• There's a compact FASST receiver for any air or surface application — all with no-hassle installation

• No binding plugs or additional "satellite" receivers required

• Receivers with HS (High Speed) mode improve frame rate on channels 1-6 to an incredibly fast 7 milliseconds — and with a standard rate of 14 milliseconds at normal mode, Futaba leads the way in stick-to-servo response!



R6004FF 4-Channel Micro Indoor Air (Standard Connector)

Dimensions: 1-3/8 x 13/16 x 5/16 in
(35 x 20 x 8 mm)

Weight w/o case: 0.12 oz (3.3 g)
FUTL7624



R616FFM 6-Channel Micro Park Flyer Air (Micro Connector)

Dimensions: 1-9/16 x 7/8 x 5/16 in
(39 x 23 x 8 mm)

Weight w/o case: 0.14 oz (4.0 g)
FUTL7626



R617FS 7-Channel Air

Dimensions: 1-11/16 x 1-1/8 x 3/8 in
(42 x 28 x 9 mm)

Weight w/o case: 0.22 oz (6.4 g)
FUTL7627



R6008HS 8-Channel Air

Dimensions: 1-7/8 x 1 x 9/16 in
(47 x 25 x 14 mm)

Weight w/o case: 0.33 oz (9.3 g)
FUTL7639



R6014HS 14-Channel Air

Dimensions: 2-1/2 x 1-1/2 x 5/8 in
(52 x 38 x 16 mm)

Weight: 0.8 oz (22.0 g)
FUTL7645



R6106HF 6-Channel Park Flyer Air

Dimensions: 1-1/2 x 7/8 x 1/2 in
(39 x 22 x 12 mm)

Weight: 0.3 oz (8.5 g)
FUTL7650



R6106HFC 6-Channel Mid-Range Air

Dimensions: 1-1/2 x 7/8 x 1/2 in
(39 x 22 x 12 mm)

Weight: 0.3 oz (8.5 g)
FUTL7651



R6203SB 3-18 Channel S.Bus HV/HS Micro Air

Dimensions: 1-1/2 x 7/8 x 3/8 in
(38 x 22 x 9 mm)

Weight: 0.25 oz (7.2 g)
FUTL7665



R6202SBW Dual S.Bus HV Micro Air

Dimensions: 1-1/2 x 15/16 x 5/16 in
(22.5 x 37.4 x 9.3 mm)

Weight: 0.25 oz (7.2 g)
FUTL7667



R6203SBE 3-18 Channel S.Bus HV/HS Micro Air

Dimensions: 1-1/2 x 7/8 x 3/8 in
(38 x 22 x 9 mm)

Weight: 0.22 oz (6.3 g)
FUTL7666



R6208SB 8-18 Channel S.Bus HV/HS Air

Dimensions: 1-7/8 x 1 x 9/16 in
(47 x 25 x 14 mm)

Weight: 0.49 oz (13.8 g)
FUTL7668



R603FF 3-Channel Surface

Dimensions: 1-1/2 x 1 x 9/16 in
(39 x 26 x 14 mm)

Weight: 0.5 oz (13.0 g)
FUTL7631



R603FS 3-Channel Surface

Dimensions: 1-1/2 x 1 x 9/16 in (39 x 26 x 14 mm)

Weight: 0.5 oz (13.0 g)
FUTL7630



R614FF 4-Channel HV Surface 4PK/4PKS

Dimensions: 1-3/8 x 15/16 x 5/16 in (35 x 23 x 9 mm)

Weight: 0.28 oz (7.8 g)
FUTL7633



R614FS 4-Channel HV Surface 4PK/4PKS

Dimensions: 1-3/8 x 15/16 x 5/16 in (35 x 23 x 9 mm)

Weight: 0.28 oz (7.8 g)
FUTL7635

SB = S.Bus CH = Channel Mid = Mid-Range HV = High Voltage HS = High Speed

4PKS

4-Channel 2.4GHz Computer Radio

Digital precision. User-friendly programming.

The 4PKS offers programming sophistication and advancements never before incorporated into a surface system. A drop-down adapter is included for repositioning wheel height and angle for maximum comfort.

A vibrator built into the grip can be programmed to serve any of several functions: as a lap timer, up timer, navigation aid or low battery alert. Extra protection features have been added, including High Voltage and Low Battery alarms, as well as automatic system shut-down after ten minutes of non-use.

4PKS Highlights:

- Menu Selection and Direct Selection modes
- Throttle speed
- Brake mixing for large cars
- Start function
- Anti-lock braking system (ABS)
- Steering speed
- Throttle acceleration
- Racing timer

4PKS Overview:

- 2.4GHz FASST system
- 40-model memory
- Menu customizing: Choose the menu order and other functions for each model
- Digital trim w/reset
- Function select dial
- Function select switch
- MC Link
- Edit button lock & trim/dial lock
- Changeable wheel and trigger location
- Reversible hand operation
- Tension adjustment
- Mechanical ATL adjustment
- Display switch
- Vibrating grip
- 7-color LED pilot lamp



The included R614FF 2.4GHz FASST receiver (FUTL7633) is compact (1.38 x 0.91 x 0.33 inches) and lightweight (0.27 ounces), with much higher usable voltage (from 3.5V to 8.4V). The 4PKS is also compatible with R603FF, R603FS and R604FS receivers.



A multi-functional jog button with red LED makes navigating the menus easy.



A wide, strong trigger is included for comfort and precision.



Stock #	System	Band	Receiver	Tx Battery
FUTK4901	4PKS FASST	2.4GHz	R614FF	NIMH

3-Channel Computer Systems



2 excellent choices in 2.4GHz flexibility and security.

3PM-X

A single radio for racing, crushing, crawling, bashing *and* boating! The 3PM-X offers many conveniences and features, along with these performance and programming pluses:

Four-Wheel Steering Mix — gives you a choice of two or four 4WS options, and the ability to switch between them with the push of a button. Choices include:

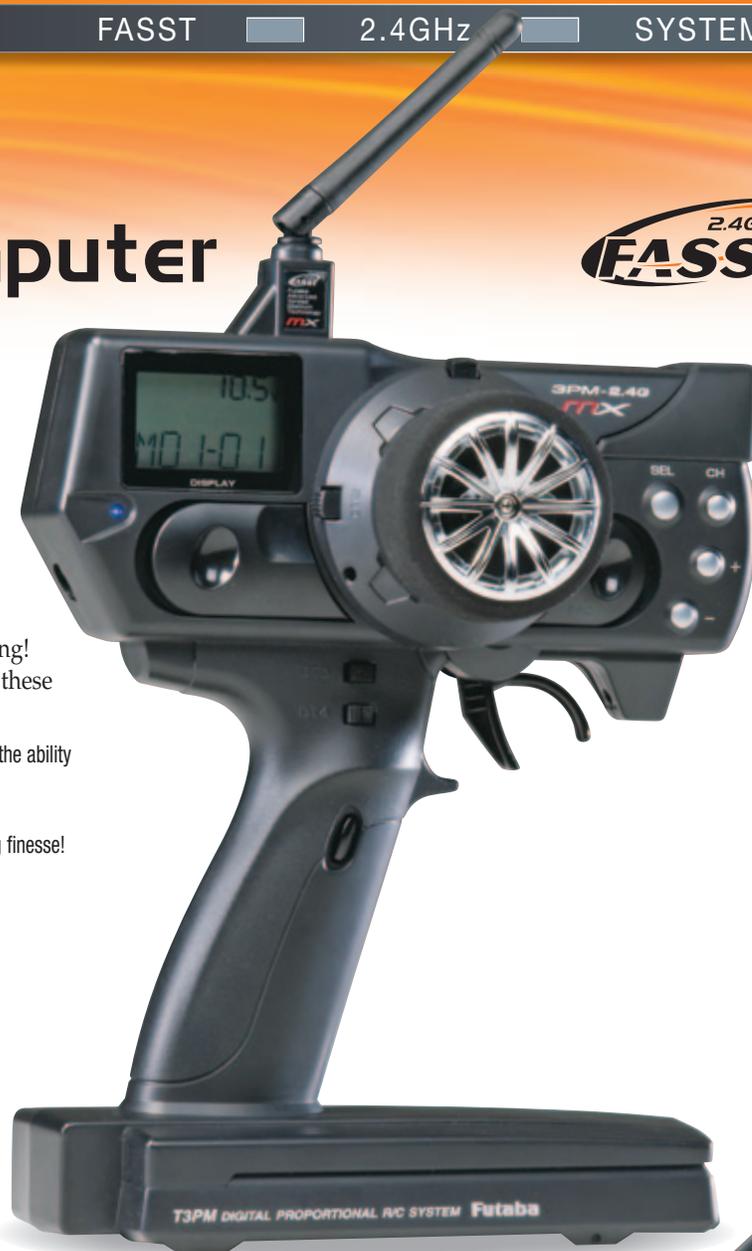
1) Crab; 2) All-wheel steering; 3) Front-wheel only; or 4) Rear-wheel only.

Digital Trim Steps — set at 16 for coarse initial settings — or at 1 for fine-tuning finesse!

2-/3-position Soft Switch — perfect for dig on crawlers and other functions.

3PM-X Features

- Programmable mixing
- 10-model memory
- Simple, 4-button programming
- Model naming
- Assignable switches/functions
- Digital trims and memory
- Normal/HRS modes
- Servo reversing, sub-trims & EPA (all channels)
- Throttle expo, acceleration, mode select & fail-safe
- Steering expo, dual rates & servo speed
- Anti-lock braking system (ABS) w/adjustable return, pulse cycle and delay
- Brake mixing for larger models
- Electronic ATL
- 2 conditions
- Up/Down timer w/100-lap & total time memory
- Low-battery alarm
- LCD screen
- Wheel tension adjustment
- Charge jack for optional NiCd's
- Battery fail-safe
- Requires: 8 "AA" alkaline batteries & servos



3GR-FS

3GR-FS Specifics

- Stick length adjustment
- Throttle mode select
- Compatible with the optional R603FS receiver to allow for Dual Antenna Diversity



Stock #	System	Band	Receiver
FUTK2021	3PM-X FASST	2.4GHz	R603FF

Stock #	System	Band	Receiver
FUTK3010	3GR-FS FASST	2.4GHz	R603FF

6J

6-channel 2.4GHz Computer System



Blazing Speed. Red-hot Value

With a frame rate of 6.8ms, the 6J is all about response speed. But it's also about the best 6-channel value you'll find anywhere. For a very modest price, it offers a wealth of high-end features. Fifteen-model memory. Throttle and pitch curves for airplanes. Electronic swash ring and four swash plate options for helis. A receiver that you can power with LiPos or LiFe cells and without a regulator. And the twin abilities to navigate menus forward and backward and assign most mixing functions to the switch you prefer.

6J Overview

- 15-model memory
- 4-character model naming
- Simple 1-lever/3-button programming
- Data reset
- Airplane & heli software
- FHSS/S-FHSS modes
- Mode 1-4 selectable
- 127-segment, 40 x 30 LCD
- Digital trims/trim memory
- Endpoint adjustment (EPA), sub-trims & servo reversing
- Dual rates & exponential (ail/ele/rud)
- Rotary knob
- Fail-safe (all channels; in S-FHSS mode only)
- Throttle cut
- Trainer system (cord required)
- Throttle position, mix & low battery warnings
- Up/down & model timer
- Range check mode
- High-voltage R2006GS S-FHSS Receiver

Airplane Features

- 2 programmable mixes, plus
- (2) 5-point throttle curves; (2) 5-point pitch curves; flaperons w/differential rate; flap trims (2 rates); eleveon mixing; and V-tail mixing

Heli Features

- (2) 5-point throttle curves; (3) 5-point pitch curves; throttle hold; hover pitch; gyro, revo and throttle mixing; throttle and pitch delay; electronic swash ring; swash AFR; & four swash plate types.



4YF

4-channel 2.4GHz Computer System

Affordable 2.4GHz control

- Futaba quality and interference-free FHSS technology made affordable for sport flying.
- Included R2004GF receiver features a flexible coaxial antenna for easy routing — and Easy-Link™ circuitry for fast, push-button Tx/Rx linking.
- Also included: trims and servo reversing (all channels), Power Down feature for range checking, LED battery meter & integral transmitter antenna.



Stock #	System	Band	Receiver	Servos	Mode
FUTK6000	6J S-FHSS	2.4GHz	R2006GS	—	2
FUTK6001	6JA S-FHSS	2.4GHz	R2006GS	(4) S3004	2
FUTK6002	6JH S-FHSS	2.4GHz	R2006GS	(4) S3001	2

Stock #	System	Band	Receiver
FUTK4200	4YF FHSS	2.4GHz	R2004GF

Note: The 6J and 4YF are not compatible with FASST electronics.

2.4GHz FHSS/S-FHSS Receivers

- Prevent interference and promotes dependability with today's best in frequency-hopping, spread-spectrum technology.
- Easy-Link™ circuitry creates a fast, unbreakable transmitter-receiver link with push-button speed and ease!
- S-FHSS receivers automatically adapt to FHSS and S-FHSS transmission modes.



HV

R203GF 3-Channel S-FHSS HV

Dimensions: 1-9/16 x 1 x 3/8 in (39 x 26 x 10 mm)

Weight: 0.49 oz (14 g)

Input Voltage: 4.8V-7.4V

FUTL7603



HV

R2104GF 4-Channel S-FHSS HV

Dimensions: 1-9/16 x 1 x 3/8 in (39 x 26 x 10 mm)

Weight: 0.28 oz (8 g)

Input Voltage: 4.8V-7.4V

FUTL7616



HV

R2006GS 6-Channel S-FHSS HV

Dimensions: 1-1/4 x 1 x 3/8 in (32 x 25 x 9 mm)

Weight: 0.29 oz (8.3 g)

Input Voltage: 4.8V-7.4V

FUTL7606



HV

R603GF 3-Channel FHSS HV

Dimensions: 1-9/16 x 1 x 3/8 in (39 x 26 x 10 mm)

Weight: 0.28 oz (8 g)

Input Voltage: 4.8V-7.4V

FUTL7615



HV

R2004GF 4-Channel FHSS HV

Dimensions: 1-9/16 x 1 x 3/8 in (39 x 26 x 10 mm)

Weight: 0.49 oz (14 g)

Input Voltage: 4.8V-7.4V

FUTL7617



HV

R2106GF 6-Channel S-FHSS HV Micro

Dimensions: 1-1/2 x 13/16 x 3/8 in (38 x 21 x 10 mm)

Weight: 0.14 oz (4 g)

Input Voltage: 4.8V-7.4V

FUTL7605

Legend: FHSS = Frequency Hopping Spread Spectrum; S-FHSS = Short (fast) frame rate Frequency Hopping Spread Spectrum; HV = High-Voltage
FHSS and S-FHSS receivers are not compatible with FASST™ electronics.



4PL

4-Channel 2.4GHz Computer System

Racing radio features at a sport radio price.

Weekend warriors rejoice: You now have a new weapon for claiming victory! The 4PL offers many of the advanced features that car, truck and boat racers want — including spread spectrum technology — at a price that fits within anyone's budget. You'll enjoy dependable, interference-free operation without crystals, binding plugs or waiting for a free channel.



Selectable FHSS/S-FHSS modes allow you to use R603GF or R2004GF FHSS receivers, or take advantage of the higher frame rates available with the included, high-voltage R2104GF S-FHSS receiver.



4PL System Overview

- 6.8ms frame rate (S-FHSS)
- 128 x 64 dot backlit LCD with contrast
- Alarm
- Steering and throttle tension adjustment
- Forward/Back throttle position adjustment
- Display switch
- Charge jack
- 40-model memory
- 10-character model naming
- Model copy
- Model clear
- Alarm tone adjustment
- Fail Safe on all channels (S-FHSS mode)
- Digital trim step select
- MC Link (connecting to Futaba ESCs)

Throttle Functions

- Trim
- Trim Rate
- Reverse
- Endpoint Adjustment (EPA) High/Low
- Adjustable Travel Limiter (ATL)
- Mechanical ATL
- Exponential High/Low
- Sub Trim
- Anti-lock Braking System (ABS)
- Idle-Up
- Acceleration
- Preset (Throttle Hold)
- Speed
- Servo Neutral Select

Steering Functions

- Trim
- Trim Rate
- Reverse
- Dual Rate
- End Point Adjustment (EPA) Left/Right
- Exponential
- Sub Trim
- Speed Turn/Return

3rd Channel Functions

- Reverse
- Step
- End Point Adjustment (EPA) High/Low
- Sub Trim
- Brake
- ABS

4th Channel Functions

- Reverse
- End Point Adjustment (EPA) High/Low
- Sub Trim
- Brake
- ABS

Other Mixing Functions

- One Program Mixing
- 4WS Mixing
- Brake Mixing
- Special Mixing for Dual ESC Setup

Timer Functions

- Timer
- Up Timer
- Down Timer
- Lap Timer
- Lap Memory up to 100 laps and Total Laps

The 4PL must use FHSS or S-FHSS receivers only.

Stock #	Model	Band	Receiver
FUTK1400	4PL S-FHSS	2.4GHz	R2104GF

3PL

3-Channel 2.4GHz Computer System



Versatile, affordable 2.4GHz surface control.

Enjoy the advantages of dependable, 2.4GHz control — along with three proportional channels and a fourth for special mixing. The 3PL is easy to program, and its frequency-hopping technology eliminates interference for worry-free operation.

3PL Features

- 3 proportional channels plus 1 switched, non-proportional channel
- Special mixing includes 4WS for crawlers or brake mixing on 1/5 scale requiring front and rear brakes
- Steering/throttle/CH3 and CH4 servo reversing and end point adjustments
- ABS braking with fast, mid and low pulses
- Channel 4 neutral trims
- 10-model memory with model naming and model reset
- Channel 3 switching
- Steering dual rate lever
- Low battery alarm signals when voltage drops below 4.2V
- Internal transmitter antenna



Weighing in at a half-ounce (14 g), the included R2004GF receiver binds with push-button ease.



Stock #	Model	Band	Receiver
FUTK1300	3PL FHSS	2.4GHz	R2004GF

3PRKA

3-Channel Radio System

Futaba's lowest-priced 2.4GHz surface system.

An ideal start-up system or upgrade for your RTR! In addition to dependable spread spectrum technology, the 3PRKA offers dual rate steering on a convenient thumb dial; throttle fail-safe to prevent runaways; and a flashing LED low battery alert.

3PRKA Features:

- Trims and servo reversing (steering and throttle)
- Steering dual rates
- Throttle EPA
- Throttle fail-safe
- 70:30 throttle mode
- Channel 3 switching
- Internal transmitter antenna
- Low-battery warning



The included, high-voltage R203GF receiver can be used with NiCd, NiMH, LiPo and LiFe batteries.



Stock #	Model	Band	Receiver
FUTK3100	3PRKA FHSS	2.4GHz	R203GF

The 3PL and 3PRKA must use FHSS or S-FHSS receivers only.

Brushless Servos

The first — and STILL the best!

Futaba Brushless Servos continue to outperform all others, with more choices than ever before. The newest innovation is the lineup of High Voltage servos — designed to handle up to 7.4V, for more holding power and precision. Look for the HV logo and experience the utmost in Futaba engineering!

Brushless benefits:

- 30% faster response times
- Greater resistance to jolts and vibrations
- Smoother operation — thanks to dual bearings and strong Samarium Cobalt magnets
- Same power consumption as brushed digital servos
- Same compact case size as standard servos
- Exceptionally durable gear train
- **Outlasts brushed servos 5 to 1!**

Specialty



BLS154 Low-Profile Aileron

Volts	Torque	Speed
4.8V	111 oz-in (8.0 kg/cm)	0.13 sec/60°
6.0V	—	—

Dimensions	Weight
1-7/8 x 1-1/16 x 1 in (48 x 27 x 25 mm)	1.8 oz (50 g)

FUTM0514 2BB WP BLS



BLS251 Heli Rudder

Volts	Torque	Speed
4.8V	53 oz-in (3.8 kg/cm)	0.06 sec/60°
6.0V	—	—

Dimensions	Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)	2.2 oz (61 g)

FUTM0521 2BB MG WP BLS MCC



BLS551 Low-Profile Car

Volts	Torque	Speed
4.8V	102 oz-in (7.4 kg/cm)	0.13 sec/60°
6.0V	128 oz-in (9.2 kg/cm)	0.10 sec/60°

Dimensions	Weight
1-5/8 x 13/16 x 1 in (41 x 20 x 25 mm)	1.6 oz (44 g)

FUTM0564 2BB MG WP BLS



BLS257 Mini Heli

Volts	Torque	Speed
4.8V	36 oz-in (2.6 kg/cm)	0.07 sec/60°
6.0V	—	—

Dimensions	Weight
1-7/16 x 9/16 x 1-1/8 in (36 x 15 x 29 mm)	0.9 oz (26 g)

FUTM0527 2BB BLS



BLS254 Heli Rudder

Volts	Torque	Speed
4.8V	53 oz-in (3.8 kg/cm)	0.06 sec/60°
6.0V	—	—

Dimensions	Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)	1.8 oz (51 g)

FUTM0524 2BB WP BLS



BLS255HV High Voltage High Speed Heli Cyclic

Volts	Torque	Speed
6.0V	147 oz-in (3.8 kg/cm)	0.10 sec/60°
7.4V	167 oz-in (12.0 kg/cm)	0.08 sec/60°

Dimensions	Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)	2.1 oz (60 g)

FUTM0758 2BB MG WP BLS MCC



BLS256HV High Voltage High Torque Heli Rudder

Volts	Torque	Speed
6.0V	61 oz-in (4.4 kg/cm)	0.06 sec/60°
7.4V	70 oz-in (5.0 kg/cm)	0.05 sec/60°

Dimensions	Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)	2.2 oz (61 g)

FUTM0759 2BB MG WP BLS MCC

Mini/Micro



BLS153 Mini Air

Volts	Torque	Speed
4.8V	76 oz-in (5.5 kg/cm)	0.15 sec/60°
6.0V	—	—

Dimensions	Weight
1-7/16 x 9/16 x 1-1/8 in (36 x 15 x 29 mm)	0.9 oz (26 g)

FUTM0513 2BB BLS



BLS651 Mini Car

Volts	Torque	Speed
4.8V	76 oz-in (5.5 kg/cm)	0.15 sec/60°
6.0V	97 oz-in (7.0 kg/cm)	0.12 sec/60°

Dimensions	Weight
1-7/16 x 9/16 x 1-1/8 in (36 x 15 x 29 mm)	0.9 oz (26 g)

FUTM0567 2BB BLS

Standard



BLS151

Volts	Torque	Speed
4.8V	133 oz-in (9.6 kg/cm)	0.15 sec/60°
6.0V	—	—

Dimensions	Weight
1-9/16 x 13/16 x 1-3/8 in (40 x 20 x 35 mm)	1.6 oz (45 g)

FUTM0511 2BB WP BLS



BLS157HV High Voltage High Torque

Volts	Torque	Speed
6.0V	431 oz-in (31.1 kg/cm)	0.14 sec/60°
7.4V	514 oz-in (37.0 kg/cm)	0.11 sec/60°

Dimensions	Weight
1-5/8 x 13/16 x 1-1/2 in (41 x 21 x 38 mm)	2.7 oz (77 g)

FUTM0751 2BB HY WP BLS MCC



BLS352 High-Torque

Volts	Torque	Speed
4.8V	200 oz-in (14.4 kg/cm)	0.19 sec/60°
6.0V	250 oz-in (18.0 kg/cm)	0.15 sec/60°

Dimensions	Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)	2.2 oz (63 g)

FUTM0554 2BB MG WP BLS MCC



BLS152 Super High-Torque Air

Volts	Torque	Speed
4.8V	—	—
6.0V	431 oz-in (31.0 kg/cm)	0.14 sec/60°

Dimensions	Weight
1-5/8 x 13/16 x 1-1/2 in (41 x 21 x 38 mm)	2.6 oz (73 g)

FUTM0512 2BB MG WP BLS MCC



BLS252 F3C Heli

Volts	Torque	Speed
4.8V	139 oz-in (10.0 kg/cm)	0.16 sec/60°
6.0V	175 oz-in (12.6 kg/cm)	0.13 sec/60°

Dimensions	Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)	2.1 oz (58 g)

FUTM0522 2BB MG WP BLS



BLS451 High-Speed

Volts	Torque	Speed
4.8V	118 oz-in (8.5 kg/cm)	0.13 sec/60°
6.0V	147 oz-in (10.6 kg/cm)	0.10 sec/60°

Dimensions	Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)	2.1 oz (58 g)

FUTM0552 2BB MG WP BLS



BLS155 High Torque Air

Volts	Torque	Speed
4.8V	200 oz-in (14.4 kg/cm)	0.19 sec/60°
6.0V	250 oz-in (18.0 kg/cm)	0.15 sec/60°

Dimensions	Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)	2.3 oz (64 g)

FUTM0515 2BB MG WP BLS MCC



BLS253 3D Heli

Volts	Torque	Speed
4.8V	117 oz-in (8.4 kg/cm)	0.13 sec/60°
6.0V	147 oz-in (10.6 kg/cm)	0.13 sec/60°

Dimensions	Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)	2.1 oz (58 g)

FUTM0523 2BB MG WP BLS



BLS452 High-Torque

Volts	Torque	Speed
4.8V	156 oz-in (11.2 kg/cm)	0.18 sec/60°
6.0V	194 oz-in (14.0 kg/cm)	0.14 sec/60°

Dimensions	Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)	2.1 oz (58 g)

FUTM0553 2BB MG WP BLS



BLS156HV High Voltage High Torque

Volts	Torque	Speed
6.0V	250 oz-in (18.0 kg/cm)	0.15 sec/60°
7.4V	292 oz-in (21.0 kg/cm)	0.12 sec/60°

Dimensions	Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)	2.3 oz (66 g)

FUTM0750 2BB MG WP BLS MCC



BLS351 High-Torque

Volts	Torque	Speed
4.8V	173 oz-in (12.5 kg/cm)	0.16 sec/60°
6.0V	217 oz-in (15.6 kg/cm)	0.13 sec/60°

Dimensions	Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)	2.2 oz (63 g)

FUTM0551 2BB MG WP BLS MCC

S.Bus Servos




S9070SB High Voltage Digital Servo

Volts	Torque	Speed
6.0V	76 oz-in (6 kg/cm)	0.15 sec/60°
7.4V	94 oz-in (6.8 kg/cm)	0.12 sec/60°

Dimensions	Weight
1-7/16 x 13/16 x 1 in (36 x 20 x 25 mm)	1.1 oz (32 g)

FUTM0450 2BB MG



S9072SB Digital Servo

Volts	Torque	Speed
4.8V	97 oz-in (7.0 kg/cm)	0.13 sec/60°
6.0V	121 oz-in (9 kg/cm)	0.10 sec/60°

Dimensions	Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)	2 oz (57 g)

FUTM0452 2BB



S9075SB Digital High Torque

Volts	Torque	Speed
4.8V	—	—
6.0V	425 oz-in (31.0 kg/cm)	0.14 sec/60°

Dimensions	Weight
1-5/8 x 13/16 x 1-1/2 in (41 x 21 x 38 mm)	2.5 oz (71 g)

FUTM0455 2BB MG WP CM MCC



S9071SB Digital Servo

Volts	Torque	Speed
4.8V	53 oz-in (4 kg/cm)	0.15 sec/60°
6.0V	64 oz-in (5 kg/cm)	0.11 sec/60°

Dimensions	Weight
1-7/16 x 9/16 x 1-1/8 in (36 x 15 x 29 mm)	0.9 oz (25 g)

FUTM0451 2BB



S9074SB Digital

Volts	Torque	Speed
4.8V	—	—
6.0V	278 oz-in (20.0 kg/cm)	0.17 sec/60°

Dimensions	Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)	2.2 oz (63 g)

FUTM0454 2BB MG WP BLS MCC



S3171SB Slim Digital Servo

Volts	Torque	Speed
4.8V	51 oz-in (4 kg/cm)	0.24 sec/60°
6.0V	—	—

Dimensions	Weight
1-3/16 x 7/16 x 1-1/8 in (30 x 11 x 29 mm)	0.8 oz (20 g)

FUTM0461 2BB MG

BB = Ball Bearing MG = Metal Gear HY = Hybrid Gear Train WP = Water Protected BLS = Brushless Motor MCC = Metal Center Case

Digital Servos

Revolutionary Response and Power

Digital servos feature a higher pulse rate that allows them to respond five times before an analog servo can respond even once.

Our latest digital servos run the gamut from tiny, 7.9 gram minis to standard high-torque, high-voltage servos – even giant-scale workhorses!

For revolutionary response and power, choose Futaba digital servos.

Standard



S3050 High-Torque Standard

Volts	Torque	Speed
4.8V	72 oz-in (5.2 kg/cm)	0.20 sec/60°
6.0V	90 oz-in (6.5 kg/cm)	0.16 sec/60°
Dimensions		Weight
1-9/16 x 13/16 x 1-1/2 in (40 x 20 x 38 mm)		1.7 oz (49 g)

FUTM0300 2BB MG 3P



S3051HV HV High-Torque

Volts	Torque	Speed
6.0V	138 oz-in (10.0 kg/cm)	0.21 sec/60°
7.4V	146 oz-in (10.5 kg/cm)	0.17 sec/60°
Dimensions		Weight
1-1/8 x 1/2 x 1-3/16 in (28 x 13 x 30 mm)		1.7 oz (49 g)

FUTM0715 HV 2BB MG 3P



S3151 Sport

Volts	Torque	Speed
4.8V	43 oz-in (3.1 kg/cm)	0.21 sec/60°
6.0V	n/a	n/a
Dimensions		Weight
1-5/8 x 13/16 x 1-7/16 in (41 x 20 x 38 mm)		1.5 oz (42 g)

FUTM0310 BB 3P



S3152 High-Torque

Volts	Torque	Speed
4.8V	70 oz-in (5.0 kg/cm)	0.22 sec/60°
6.0V	88 oz-in (6.3 kg/cm)	0.18 sec/60°
Dimensions		Weight
1-9/16 x 13/16 x 1-1/2 in (40 x 20 x 38 mm)		1.5 oz (41 g)

FUTM0311 BB 3P



S9151 Rudder

Volts	Torque	Speed
4.8V	132 oz-in (9.5 kg/cm)	0.19 sec/60°
6.0V	n/a	n/a
Dimensions		Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)		1.8 oz (50 g)

FUTM0211 2BB WP CM



S9155 High-Torque Air

Volts	Torque	Speed
4.8V	153 oz-in (11.0 kg/cm)	0.16 sec/60°
6.0V	192 oz-in (13.8 kg/cm)	0.13 sec/60°
Dimensions		Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)		2.2 oz (61 g)

FUTM0215 2BB MG WP CM MCC



S9156 High-Torque Air

Volts	Torque	Speed
4.8V	272 oz-in (19.6 kg/cm)	0.21 sec/60°
6.0V	340 oz-in (24.5 kg/cm)	0.17 sec/60°
Dimensions		Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)		2.2 oz (63 g)

FUTM0216 2BB MG WP CM MCC



S9157 High-Torque

Volts	Torque	Speed
4.8V	n/a	n/a
6.0V	425 oz-in (30.6 kg/cm)	0.14 sec/60°
Dimensions		Weight
1-5/8 x 13/16 x 1-7/16 in (41 x 21 x 37 mm)		2.5 oz (71 g)

FUTM0217 2BB MG WP CM MCC



S9252 All-Purpose

Volts	Torque	Speed
4.8V	92 oz-in (6.6 kg/cm)	0.14 sec/60°
6.0V	n/a	n/a
Dimensions		Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)		1.8 oz (50 g)

FUTM0222 2BB MG WP CM



S9255 High-Torque Heli

Volts	Torque	Speed
4.8V	125 oz-in (9.0 kg/cm)	0.16 sec/60°
6.0V	n/a	n/a
Dimensions		Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)		1.9 oz (55 g)

FUTM0225 2BB MG WP CM



S9350 High-Torque

Volts	Torque	Speed
4.8V	111 oz-in (8.0 kg/cm)	0.15 sec/60°
6.0V	139 oz-in (10.0 kg/cm)	0.12 sec/60°
Dimensions		Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)		2.2 oz (61 g)

FUTM0235 2BB MG WP CM MCC



S9351 High-Torque

Volts	Torque	Speed
4.8V	153 oz-in (11.0 kg/cm)	0.16 sec/60°
6.0V	192 oz-in (13.8 kg/cm)	0.13 sec/60°
Dimensions		Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)		2.2 oz (61 g)

FUTM0236 2BB MG WP CM MCC

Specialty



S3170G Retract Servo

Volts	Torque	Speed
4.8V	94 oz-in (7.0 kg/cm)	0.57 sec/60°
6.0V	118 oz-in (8.5 kg/cm)	0.47 sec/60°
Dimensions		Weight
1-3/8 x 5/8 x 1.0 in (35 x 16 x 26 mm)		0.9 oz (26 g)

FUTM0671 2BB MG 3P



S9152 Mega High-Torque

Volts	Torque	Speed
4.8V	222 oz-in (16.0 kg/cm)	0.23 sec/60°
6.0V	278 oz-in (20.0 kg/cm)	0.19 sec/60°
Dimensions		Weight
1-15/16 x 1 x 1-9/16 in (49 x 25 x 40 mm)		3.0 oz (85 g)

FUTM0212 2BB MG WP CM MCC



S9153 High-Torque High-Speed

Volts	Torque	Speed
4.8V	167 oz-in (12.0 kg/cm)	0.18 sec/60°
6.0V	208 oz-in (15.0 kg/cm)	0.15 sec/60°
Dimensions		Weight
1-15/16 x 1 x 1-9/16 in (49 x 25 x 40 mm)		3.0 oz (85 g)

FUTM0213 2BB MG WP CM MCC



S9154 High-Speed Low-Profile Aileron

Volts	Torque	Speed
4.8V	64 oz-in (4.6 kg/cm)	0.14 sec/60°
6.0V	n/a	n/a
Dimensions		Weight
1-7/8 x 1-1/16 x 1 in (48 x 27 x 25 mm)		1.9 oz (53 g)

FUTM0214 2BB WP CM



S9254 High-Torque High-Speed Heli

Volts	Torque	Speed
4.8V	47 oz-in (3.4 kg/cm)	0.06 sec/60°
6.0V	n/a	n/a
Dimensions		Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)		1.7 oz (49 g)

FUTM0224 2BB WP CM



S9256 High-Speed for GY601/GY611 Gyro

Volts	Torque	Speed
4.8V	47 oz-in (3.4 kg/cm)	0.06 sec/60°
6.0V	n/a	n/a
Dimensions		Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 37 mm)		2.0 oz (57 g)

FUTM0226 2BB MG WP CM MCC



S9352HV HV High-Torque High-Speed

Volts	Torque	Speed
6.0V	272 oz-in (19.6 kg/cm)	0.08 sec/60°
7.4V	306 oz-in (22.0 kg/cm)	0.06 sec/60°
Dimensions		Weight
1-5/8 x 13/16 x 1-1/2 in (41 x 21 x 37 mm)		2.5 oz (72 g)

FUTM0720 HV 2BB TG WP CM MCC



S9257 EP Heli Rudder

Volts	Torque	Speed
4.8V	28 oz-in (2.0 kg/cm)	0.08 sec/60°
6.0V	n/a	n/a
Dimensions		Weight
1-7/16 x 9/16 x 1-1/8 in (41 x 20 x 25 mm)		0.92 oz (26 g)

FUTM0667 2BB CM



S9353HV HV High-Torque High-Speed

Volts	Torque	Speed
4.8V	272 oz-in (19.6 kg/cm)	0.08 sec/60°
6.0V	306 oz-in (22.0 kg/cm)	0.06 sec/60°
Dimensions		Weight
1-5/8 x 13/16 x 1-1/2 in (41 x 21 x 37 mm)		2.7 oz (77 g)

FUTM0721 HV 2BB TG WP CM FMC



S9551 Low-Profile

Volts	Torque	Speed
4.8V	98 oz-in (7.0 kg/cm)	0.14 sec/60°
6.0V	122 oz-in (8.8 kg/cm)	0.11 sec/60°
Dimensions		Weight
1-5/8 x 13/16 x 1 in (41 x 20 x 25 mm)		1.6 oz (45 g)

FUTM0661 2BB MG WP CM



S9452 High-Torque High-Speed

Volts	Torque	Speed
4.8V	102 oz-in (7.4 kg/cm)	0.13 sec/60°
6.0V	128 oz-in (9.2 kg/cm)	0.11 sec/60°
Dimensions		Weight
1-9/16 x 13/16 x 1-5/16 in (46 x 20 x 34 mm)		1.8 oz (50 g)

FUTM0662 2BB MG WP CM

Mini/Micro

S3150 Slim Wing

Volts	Torque	Speed
4.8V	51 oz-in (3.7 kg/cm)	0.24 sec/60°
6.0V	n/a	n/a
Dimensions		Weight
1-3/16 x 7/16 x 1-1/8 in (30 x 11 x 29 mm)		0.81 oz (23 g)

FUTM0303 2BB MG 3P

S3153MG Micro

Volts	Torque	Speed
4.8V	19 oz-in (1.4 kg/cm)	0.13 sec/60°
6.0V	24 oz-in (1.7 kg/cm)	0.11 sec/60°
Dimensions		Weight
7/8 x 7/16 x 13/16 in (22 x 11 x 20 mm)		0.38 oz (11 g)

FUTM0652 BB MG 3P

S3153 Micro

Volts	Torque	Speed
4.8V	19 oz-in (1.4 kg/cm)	0.12 sec/60°
6.0V	24 oz-in (1.7 kg/cm)	0.10 sec/60°
Dimensions		Weight
7/8 x 7/16 x 13/16 in (22 x 11 x 20 mm)		0.34 oz (9.6 g)

FUTM0653 BB 3P

S3154 High-Torque High-Speed Micro

Volts	Torque	Speed
4.8V	21 oz-in (1.5 kg/cm)	0.10 sec/60°
6.0V	24 oz-in (1.7 kg/cm)	0.09 sec/60°
Dimensions		Weight
7/8 x 7/16 x 13/16 in (22 x 11 x 20 mm)		0.28 oz (7.9 g)

FUTM0654 3P

S3155 High-Speed Slim

Volts	Torque	Speed
4.8V	28 oz-in (2.0 kg/cm)	0.16 sec/60°
6.0V	n/a	n/a
Dimensions		Weight
1-3/16 x 7/16 x 1-1/8 in (30 x 11 x 29 mm)		0.72 oz (20 g)

FUTM0655 2BB MG 3P

S3156MG Micro

Volts	Torque	Speed
4.8V	28 oz-in (2.0 kg/cm)	0.13 sec/60°
6.0V	33 oz-in (2.4 kg/cm)	0.11 sec/60°
Dimensions		Weight
7/8 x 7/16 x 7/8 in (22 x 11 x 22 mm)		0.33 oz (9.3 g)

FUTM0656 BB MG 3P

S3157 High-Torque High-Speed Micro

Volts	Torque	Speed
4.8V	21 oz-in (1.5 kg/cm)	0.10 sec/60°
6.0V	24 oz-in (1.7 kg/cm)	0.09 sec/60°
Dimensions		Weight
7/8 x 7/16 x 7/8 in (22 x 11 x 23 mm)		0.29 oz (8.3 g)

FUTM0657 3P

S3157M Micro w/Micro Plug

Volts	Torque	Speed
4.8V	21 oz-in (1.5 kg/cm)	0.10 sec/60°
6.0V	24 oz-in (1.7 kg/cm)	0.09 sec/60°
Dimensions		Weight
7/8 x 7/16 x 7/8 in (22 x 11 x 23 mm)		0.28 oz (7.8 g)

FUTM0705 3P

S9650 Mini

Volts	Torque	Speed
4.8V	50 oz-in (3.6 kg/cm)	0.14 sec/60°
6.0V	63 oz-in (4.5 kg/cm)	0.11 sec/60°
Dimensions		Weight
1-7/16 x 9/16 x 1-1/8 in (36 x 15 x 29 mm)		0.92 oz (26 g)

FUTM0260 2BB CM

BB = Ball Bearing CM = Coreless Motor 3P = 3-Pole MG = Metal Gear TG = Titanium Gear WP = Water Protected BLS = Brushless Motor MCC = Metal Center Case FMC = Full Metal Case

Analog Servos

Futaba: the right choice for any R/C application.

Every model has unique servo needs — and Futaba has a servo to meet them all. Micro servos for cramped installations. Servos for 1/5 scale cars, sailboats and every type of aircraft. High-torque and high-speed servos. Each one is an investment in quality protected by an impact- and fuel-resistant case, rugged gear trains and more.

Standard



S148 Precision

Volts	Torque	Speed
4.8V	33 oz-in (2.4 kg/cm)	0.28 sec/60°
6.0V	42 oz-in (3.0 kg/cm)	0.22 sec/60°
Dimensions		Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 36 mm)		1.6 oz (44 g)

FUTM0710 3P



S3001 Standard

Volts	Torque	Speed
4.8V	33 oz-in (2.4 kg/cm)	0.28 sec/60°
6.0V	42 oz-in (3.0 kg/cm)	0.22 sec/60°
Dimensions		Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 36 mm)		1.6 oz (45 g)

FUTM0029 BB 3P



S3003 Standard

Volts	Torque	Speed
4.8V	44 oz-in (3.2 kg/cm)	0.23 sec/60°
6.0V	57 oz-in (4.1 kg/cm)	0.19 sec/60°
Dimensions		Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 36 mm)		1.3 oz (37 g)

FUTM0031 3P



S3004 Standard

Volts	Torque	Speed
4.8V	44 oz-in (3.2 kg/cm)	0.23 sec/60°
6.0V	57 oz-in (4.1 kg/cm)	0.19 sec/60°
Dimensions		Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 36 mm)		1.3 oz (37 g)

FUTM0004 BB 3P



S3010 High-Torque

Volts	Torque	Speed
4.8V	72 oz-in (5.2 kg/cm)	0.20 sec/60°
6.0V	90 oz-in (6.5 kg/cm)	0.16 sec/60°
Dimensions		Weight
1-9/16 x 13/16 x 1-1/2 in (40 x 20 x 38 mm)		1.5 oz (41 g)

FUTM0043 BB 3P



S3305 High-Torque Standard

Volts	Torque	Speed
4.8V	99 oz-in (7.1 kg/cm)	0.25 sec/60°
6.0V	124 oz-in (8.9 kg/cm)	0.20 sec/60°
Dimensions		Weight
1-9/16 x 13/16 x 1-1/2 in (40 x 20 x 38 mm)		1.7 oz (47 g)

FUTM0045 2BB MG 3P



S9001 Aircraft

Volts	Torque	Speed
4.8V	54 oz-in (3.9 kg/cm)	0.22 sec/60°
6.0V	72 oz-in (5.2 kg/cm)	0.18 sec/60°
Dimensions		Weight
1-9/16 x 13/16 x 1-7/16 in (40 x 20 x 36 mm)		1.7 oz (48 g)

FUTM0075 2BB CM



S9202 Aircraft

Volts	Torque	Speed
4.8V	56 oz-in (4.0 kg/cm)	0.27 sec/60°
6.0V	69 oz-in (5.0 kg/cm)	0.22 sec/60°
Dimensions		Weight
1-5/8 x 13/16 x 1-7/16 in (41 x 20 x 36 mm)		1.8 oz (50 g)

FUTM0090 2BB WP CM



S9206 High-Torque Heli/Airplane

Volts	Torque	Speed
4.8V	132 oz-in (9.5 kg/cm)	0.19 sec/60°
6.0V	—	—
Dimensions		Weight
1-5/8 x 13/16 x 1-1/2 in (41 x 20 x 38 mm)		1.9 oz (53 g)

FUTM0115 2BB MG WP CM



S9402 High-Speed

Volts	Torque	Speed
4.8V	89 oz-in (6.4 kg/cm)	0.12 sec/60°
6.0V	111 oz-in (8.0 kg/cm)	0.10 sec/60°
Dimensions		Weight
1-5/8 x 13/16 x 1-1/2 in (41 x 20 x 38 mm)		1.9 oz (55 g)

FUTM0102 2BB MG WP CM



S9405 High-Torque

Volts	Torque	Speed
4.8V	80 oz-in (5.8 kg/cm)	0.13 sec/60°
6.0V	100 oz-in (7.2 kg/cm)	0.11 sec/60°
Dimensions		Weight
1-5/8 x 13/16 x 1-1/2 in (41 x 20 x 38 mm)		1.9 oz (55 g)

FUTM0098 2BB MG WP CM

Mini/Micro



S3016 Mini

Volts	Torque	Speed
4.8V	47 oz-in (3.4 kg/cm)	0.25 sec/60°
6.0V	58 oz-in (4.2 kg/cm)	0.20 sec/60°
Dimensions		Weight
1-3/16 x 9/16 x 1-3/16 in (31 x 16 x 31 mm)		1.2 oz (34 g)

FUTM0032 2BB MG 3P



S3102 Micro Aircraft

Volts	Torque	Speed
4.8V	51 oz-in (3.7 kg/cm)	0.25 sec/60°
6.0V	64 oz-in (4.6 kg/cm)	0.20 sec/60°
Dimensions		Weight
1-1/8 x 1/2 x 1-3/16 in (28 x 13 x 30 mm)		0.74 oz (21 g)

FUTM0034 MG 3P



S3107 Micro

Volts	Torque	Speed
4.8V	17 oz-in (1.2 kg/cm)	0.12 sec/60°
6.0V	—	—
Dimensions		Weight
7/8 x 7/16 x 13/16 in (22 x 11 x 20 mm)		0.32 oz (9.0 g)

FUTM0025 3P



S3111 Micro

Volts	Torque	Speed
4.8V	8.3 oz-in (0.6 kg/cm)	0.12 sec/60°
6.0V	—	—
Dimensions		Weight
7/8 x 7/16 x 13/16 in (22 x 11 x 20 mm)		0.22 oz (6.3 g)

FUTM0047 3P



S3111M Micro w/Micro Plug

Volts	Torque	Speed
4.8V	8.3 oz-in (0.6 kg/cm)	0.12 sec/60°
6.0V	—	—
Dimensions		Weight
7/8 x 7/16 x 13/16 in (22 x 11 x 20 mm)		0.22 oz (6.3 g)

FUTM0703 3P



S3114 High-Torque Micro

Volts	Torque	Speed
4.8V	21 oz-in (1.5 kg/cm)	0.10 sec/60°
6.0V	24 oz-in (1.7 kg/cm)	0.09 sec/60°
Dimensions		Weight
7/8 x 7/16 x 13/16 in (22 x 11 x 20 mm)		0.28 oz (7.8 g)

FUTM0414 3P



S3114M High-Torque Micro w/Micro Plug

Volts	Torque	Speed
4.8V	21 oz-in (1.5 kg/cm)	0.10 sec/60°
6.0V	24 oz-in (1.7 kg/cm)	0.09 sec/60°
Dimensions		Weight
7/8 x 7/16 x 13/16 in (22 x 11 x 20 mm)		0.26 oz (7.5 g)

FUTM0704 3P



S3115 Precision Micro

Volts	Torque	Speed
4.8V	39 oz-in (2.8 kg/cm)	0.15 sec/60°
6.0V	—	—
Dimensions		Weight
1-1/8 x 1/2 x 1-3/16 in (28 x 13 x 30 mm)		0.60 oz (17 g)

FUTM0415 3P



S3117 High-Torque Mini/Micro

Volts	Torque	Speed
4.8V	21 oz-in (1.5 kg/cm)	0.10 sec/60°
6.0V	24 oz-in (1.7 kg/cm)	0.09 sec/60°
Dimensions		Weight
7/8 x 7/16 x 7/8 in (22 x 11 x 23 mm)		0.30 oz (8.5 g)

FUTM0417 3P



S9602 High-Speed Mini Air

Volts	Torque	Speed
4.8V	30 oz-in (2.2 kg/cm)	0.11 sec/60°
6.0V	38 oz-in (2.7 kg/cm)	0.09 sec/60°
Dimensions		Weight
1-7/16 x 9/16 x 1-1/4 in (36 x 15 x 31 mm)		1.1 oz (31 g)

FUTM0107 2BB MG CM

Large/Specialty



S3306 High-Torque High-Speed 1/5 Scale

Volts	Torque	Speed
4.8V	267 oz-in (19.2 kg/cm)	0.20 sec/60°
6.0V	333 oz-in (24.0 kg/cm)	0.16 sec/60°
Dimensions		Weight
2-5/8 x 1-3/16 x 2-1/4 in (66 x 30 x 57 mm)		4.4 oz (126 g)

FUTM0020 2BB WP 3P



S3306MG High-Torque, High-Speed 1/5 Scale

Volts	Torque	Speed
4.8V	267 oz-in (19.2 kg/cm)	0.20 sec/60°
6.0V	333 oz-in (24.0 kg/cm)	0.70 sec/60°
Dimensions		Weight
2-5/8 x 1-3/16 x 2-1/4 in (66 x 30 x 57 mm)		4.6 oz (130 g)

FUTM0021 2BB MG WP 3P



S3802 Sail

Volts	Torque	Speed
4.8V	122 oz-in (8.8 kg/cm)	0.70 sec/60°
6.0V	153 oz-in (11.0 kg/cm)	0.56 sec/60°
Dimensions		Weight
1-3/4 x 7/8 x 1-11/16 in (44 x 23 x 43 mm)		2.5 oz (72 g)

FUTM0039 2BB MG WP 3P

BB = Ball Bearing CM = Coreless Motor 5P = 5-pole Motor HS = High-Speed HT = High-Torque MG = Metal Gear 3P = 3-pole Motor WP = Water Protected

Gyros and Governors

CGY750 3-Axis Gyro and Governor

The most advanced 3-axis (flybarless) system available!

The compact CGY750 offers incredible performance due to its exceptional sensor design and advanced/adaptive PID control algorithm. It has a large, easy-to-read OLED display, plus the fastest operation possible in both gyro and governor. Basic and Expert menus allow for quick set-up.

- Dynamic gyro response range of +/- 1200° per second
- Combined gyro and governor seamlessly integrates throttle and pitch commands
- Integrated governor provides a wide 1,000-3,000 rpm range
- Low-profile 3-axis sensor fits into virtually any size model
- Supports all swash plate types and is S.Bus compatible
- Phase Equalizer operation
- Free firmware and software, using the CIU-2 USB Interface (FUTM0951, sold separately)



Control Unit
Size: 1-3/4 x 1-3/16 x 7/16 in (44 x 30 x 11.35 mm)
Weight: 0.5 oz (13 g)

3-Axis Gyro Sensor
Size: 13/16 x 13/16 x 3/8 in (21 x 21 x 10 mm)
Weight: 0.4 oz (10 g)

FUTM0835

GY701 Heading-Hold Gyro and Governor

Beginner friendly — competition ready.

Combined, the GY701's gyro sensor and controller weigh less than an ounce. MEMS (Micro Electro-Mechanical System) technology produces ultra high-speed processing and incredible response rates. Basic and Expert Menus are included. Together with its 1000-3000 rpm governor, the GY701 is ready for even the most extreme helicopter competitions!

Gyro/Governor Features

- Controller measures 1-11/16 in x 1-3/16 in x 1/2 in (44 mm x 30 mm x 12 mm) and weighs only 0.44 oz (12.5 g)
- Organic Light Emitting Display (OLED) allows easy viewing indoors or out
- Works with analog or digital servos
- S.Bus capable with a single cable connection to the receiver
- Free firmware and software, using the CIU-2 USB Interface (FUTM0951, sold separately)

Gyro Features

- Advanced PID control algorithm
- Smooth, consistent pirouette rate and yaw control
- 3D/F3C mode-selectable
- Sensor features an aluminum alloy case and 3-color mode indicator LED
- Patented, internal "Feed Forward" mixing through S.Bus means no latency and no tail offset (available in S.Bus mode only)

Also available:
FUTM0820 GY701 Governor only; FUTM0821 GY701 Gyro only; FUTM0823 GY701 Gyro/Governor/BLS251 Brushless Servo Combo

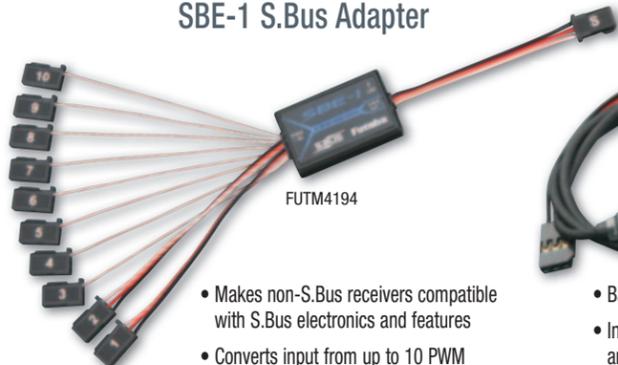


FUTM0822

Governor Features

- Mode selectable for governor or rev limiter
- Clutch-mounted sensor or optional back plate mount for O.S.® .91, .55 and .50 engines

SBE-1 S.Bus Adapter



FUTM4194

- Makes non-S.Bus receivers compatible with S.Bus electronics and features
- Converts input from up to 10 PWM channels into a single S.Bus output!

BPS-1 RPM Sensor



FUTM1106

- Backplate mount RPM sensor for GY701, GY750
 - Installs in seconds — no fan-mounted magnets and governor mounts needed
- Weight: 0.28 oz (8 g)

CIU-2 USB Interface



FUTM0951

- Universal serial bus programmer for software updates and device programming
 - Requires Windows®-compatible PC with USB port (compatible with Windows Vista/XP/2000/7)
 - Free software available at futaba-rc.com
- Dimensions: 2-1/4 x 11/16 x 2-1/4 x 3/8 in (57 x 19 x 9 mm)

GY520



FUTM0810

Great for everything from electric micros to .90-size 3D monsters.

- Weighs just 6.9 g — over 9 g less than any other heading-hold gyro
- MEMS sensor detects smaller angle deviations for incredible precision
- Ultra high-speed processing rates and 800°/second rate range provide faster, smoother response, consistent pirouette rates and premium performance with digital and brushless servos
- Programmable with push-button or PC and CIU-2

Available alone, or in four gyro/servo combos
FUTM0811 GY520 with S9254 digital servo
FUTM0812 GY520 with S9257 digital servo
FUTM0813 GY520 with BLS251 brushless servo
FUTM0814 GY520 with BLS254 brushless servo

Dimensions: 13/16 x 13/16 x 3/8 in (21 x 21 x 10 mm)
Weight: 0.24 oz (6.9 g)

GY401 with SMM (Silicon Micro Machine) Technology



FUTM0807

- Remote Gain*
- AVCS/Normal Modes*
- Normal/Reverse Rotation
- Digital Servo On/Off
- Travel Limit Setting
- Control Delay

* = transmitter-adjustable

Dimensions: 1-1/16 x 1-1/16 x 13/16 in (27 x 27 x 20 mm)
Weight: 0.92 oz (26 g)

Also available: FUTM0808 GY401 with S9254 digital servo

GY240 w/SMM



FUTM0809

- AVCS/Normal Modes
- Normal/Reverse Rotation

Dimensions: 1-1/16 x 1-1/16 x 13/16 in (27 x 27 x 20 mm)
Weight: 0.88 oz (25 g)

GY611 Heading Hold Gyro with SMM and S9256 Digital Servo



FUTM0825

- High-resolution, 12-bit A/D microprocessor with 760 ms pulse rate
- Program directly on the amp, or remotely through 14MZ, 12Z, 12FG and 10C/G transmitters
- F3C/3D Flight Modes
- Normal/AVCS/CMT Modes*
- Gyro & Rudder Gain* (with independent settings for AVCS/Normal modes)
- Gain Tracking
- Control Delay (with independent settings for rudder stick, input and return movements)
- Low battery alarm

* = Adjusts from transmitter or on amp

Sensor Dimensions: 2-1/4 x 1-1/4 x 9/16 in (30 x 30 x 18 mm)
Weight: 1.1 oz (30 g)

Amp Dimensions: 1-3/16 x 1-3/16 x 11/16 in (57 x 32 x 15 mm)
Weight: 1.20 oz (34 g)

G190 Micro Piezo Gyro



FUTM0830

- Gyro gain

Dimensions: 7/8 x 7/8 x 3/8 in (22 x 23 x 8.9 mm)
Weight: 0.24 (6.7 g)

GV-1 Governor



FUTM1001

Maintain constant rotor head speed for improved flight performance.

- Turns on/off from the throttle stick
- Holds rpm to within +/- 1% of the value you set
- 1000-2100 rpm range
- Includes control amp, sensor, mounting brackets for .30 and .60 models, magnets and small screwdriver. Requires 3.8-.6.0V power and draws 40mA @ 4.8V

Sensor: 5/16 x 3/8 x 5/8 in (8 x 10 x 16 mm)
Control Amp: 2-3/16 x 1-3/16 x 5/8 in (7 x 31 x 16 mm)
Weight: 1.34 oz (38 g)

FUTM1101 GV101 Sensor Magnet Bracket (includes all parts except control amp)
FUTM1105 AB0937 GV-1 Magnet (2)

Accessories

- FUTM4664 FSH64 Gyro Extension J-Type 7.9 in (2)
- FUTM4665 FSH65 Gyro Extension J-Type 13.8 in (2)
- FUTM4666 FSH66 Gyro Extension J-Type 2.2 in (2)
- FUTM4667 FSH67 Gyro Extension J-Type 3.1 in (2)
- FUTM4668 FSH68 Gyro Extension J-Type 5.1 in (2)
- FUTM4669 FSH69 2 mm Mounting Pads GY520 22x22 (10)
- FUTM4670 FSH70 3 mm Mounting Pads GY520 22x22 (10)
- FUTM4671 FSH71 Shield Plates GY520 (3)
- FUTQ1000 FSH58 2 mm Mounting Pads 30x30 (3)

Tx Modules & Module/Rx Sets

Upgrading to FASST response and dependability is a snap. There's no need to invest in an all-new

system; just pop a new transmitter module in place, install a new 2.4GHz receiver — and you're done



FASST Transmitter Modules

- FUTL8925 3PK
- FUTL8927 TM-7
- FUTL8928 TM-8
- FUTL8930 TM-10
- FUTL8934 TM-14

FUTL8928



FASST Tx Module/Rx Sets

- FUTL8926 R603FS Tx/Rx Module 3PK
- FUTL8951 R617FS Rx/TM-7 Module 7U/8U/9C/10C
- FUTL8953 R6008HS Rx/TM-8 Module 7U/8U/9C/10C
- FUTL8957 R6014HS Rx/TM-14 Module 12FG/12Z/14MZ

FUTL8953



FHSS Module/Rx Sets

- Make 7U, 8U, 9C or 10C transmitters compatible with FHSS/SFHSS receivers!
- Also works with 3PK transmitters equipped with S-FHSS receivers!

- FUTL8915 FHSS Module
- FUTL8916 FHSS Module w/R2006GS

FUTL8916

FASSTPak™

- The quick, easy way to outfit your air or surface model with the receiver and servos you want!



FUTL1170

FASSTPaks — Air					
Stock #	Receiver	Servo(s)	NiCd	Switch Harness	Aileron Extension
FUTL1160	R616FFM	(3)S3114M	—	—	—
FUTL1162	R617FS	(3)S3114	—	—	—
FUTL1163	R617FS	(3)S3157	—	—	—
FUTL1170	R617FS	(4)S3004	4.8V 600mAh	•	•
FUTL1171	R617FS	(5)S3001	—	•	•
FUTL1172	R6008HS	(4)S3004	4.8V 600mAh	•	•



FUTL1120

FASSTPaks — Surface			
Stock #	Receiver	Servo(s)	Switch Harness
FUTL1120	R603FF	(2)S3004	•
FUTL1121	R603FF	(2)S3010	•

Transmitter Bags, Cases & Accessories

Protection for your investment!



3PK Transmitter Bag

FUTP1000

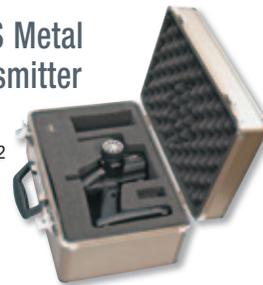
3PK Metal Transmitter Case

FUTP1010



4PKS Metal Transmitter Case

FUTP1012



14MZ Single Metal Transmitter Case

FUTP1018



Team Single Metal Transmitter Case



FUTP1015

Team Double Metal Transmitter Case



FUTP1020



FUTM5693



FUTM5549

- FUTM5549 FTA-31 10C Tx Extension Hook
- FUTM5692 FTA-8 Red Futaba Neck Strap
- FUTM5693 FTA-18 Orange Futaba Neck Strap
- FUTM5690 FTA-23 Black Futaba Neck Strap

Electronic Accessories

MSA-10 Servo Synchronizer

- Synchronize the operation of up to 4 servos, and control them all from a single channel.



FUTM4155

FSU-2 Micro Fail-Safe

- Does away with “runaways”, by detecting interference or low-voltage and throttling back to a user-selected setting!



FUTM0992

SR 10 Dual Servo Reverser

- Precision dual servo control without any special mixing!



FUTM4150

WTR-7 FASST Wireless Trainer System

- Allows instructor and student to stand up to 30 feet apart — with no cumbersome trainer cords!

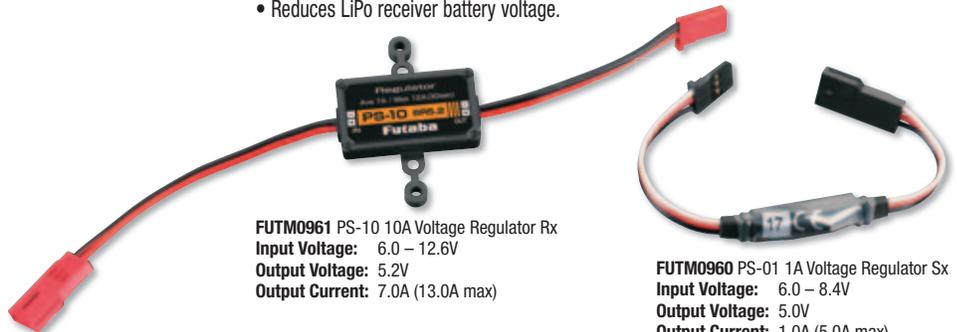


FUTM1010

Instructor's transmitter can be 72MHz, 50MHz or 2.4GHz. Student's transmitter must be a 2.4GHz FASST system.

Voltage Regulators

- Reduces LiPo receiver battery voltage.



FUTM0961 PS-10 10A Voltage Regulator Rx
Input Voltage: 6.0 – 12.6V
Output Voltage: 5.2V
Output Current: 7.0A (13.0A max)

FUTM0960 PS-01 1A Voltage Regulator Sx
Input Voltage: 6.0 – 8.4V
Output Voltage: 5.0V
Output Current: 1.0A (5.0A max)

PA-2 Pilot Assist Link

- Automatically brings your plane back to true horizontal despite wind gusts, pilot error, etc.



FUTM0999



Trainer Box & Trainer Cords

Trainer Box FM/PCM/2.4GHz

- Looks and feels like a standard 4-channel radio, but streamlined for a student pilot to train economically with an instructor.

FUTM4376

- Trainer Cords: the learning link between student and instructor!

FUTM4405 MMTc-FG Trainer Cord Squ Micro/12FG
FUTM4410 MTC-FM Trainer Cord Round/Round Plug
FUTM4415 MMTc Trainer Cord Squ Micro/Micro Plug
FUTM4420 MDTC Trainer Cord Squ Micro/Round Plug

Radio & Servo Accessories

Switch Harnesses		
Stock #	Part #	Description
FUTM4350	SWH7	Mini J FM
FUTM4370	SWH13	Mini J w/Charge Cord
FUTM4382	SWH12	Mini J w/BEC Connector
FUTM4385	SWH14	Heavy-Duty J w/Charge Cord
FUTM4387	SWH16	14MZ Switch Harness
FUTM4505	SWH15	Ultra Mini J

Servo Screws		
Stock #	Part #	Description
FUTM2040	FSH-11	Servo Horn Screw & Washer (10)
FUTM2250	FSH-32	Mounting Screws & Washers (10)
FUTM2260	FSH-41	Horn Screw – 28/29/30/31/32 (10)
FUTM2265	FSH-49	Horn Screw for Metal Gear (10)
FUTM2270	FSH-44	Horn Screw S33 (10)
FUTM2275	FSH-55	Horn Screw S3103 (10)
FUTM2280	FSH-51	Self Tap Screw M2.6X10 (10)
FUTM2285	FSH-52	Horn Screw M2X6 S125 (10)
FUTM2290	FSH-53	Self Tap Screw M3X8 S9150 (10)
FUTM2291	FSH-62	Horn Screw 3x6 (10)
FUTM2295	FSH-57	Horn Screw S9550 (10)

Miscellaneous	
Stock #	Description
FUTM2355	Ball Bearing Conversion Kit S3003 to S3004

Extensions			
Stock #	Part #	Description	Length
FUTM3900	AEC1	Servo Extension G-Type	9 in
FUTM3909	AEC27	Servo Extension J-Type	3 in
FUTM3910	AEC3	Servo Extension J-Type	6 in
FUTM3955	AEC11	Servo Extension J-Type	16 in
FUTM4110	AEC9	Servo Adapter J-Type to G-Type	6 in
FUTM4120	AEC10	Servo Adapter G-Type to J-Type	6 in
FUTM4125	AEC12	Servo Extension J-Type	39 in
FUTM4130	AEC13	Dual Servo Extension J-Type	6 in
FUTM4149	AEC19	Servo Extension w/Filter J-Type	8 in
FUTM4504	AEC29	Micro Plug Y-Harness	3 in
FUTM4506	AEC25	Servo Extension Std. Plug	6 in
FUTM4507	AEC26	Servo Extension Std. Plug	12 in
FUTM4508	AEC23	Servo Extension Micro Plug	8 in
FUTM4509	AEC28	Servo Extension Micro Plug	3 in
FUTM4512	AEC30	Servo Extension Micro J-Type	3.9 in
FUTM4513	AEC31	Servo Extension Micro J-Type	7.9 in

Servo Grommets		
Stock #	Part #	Description
FUTM2310	FSH-10	Grommets Round (20)
FUTM2320	FSH-20	Grommets Square (20)
FUTM2340	FSH-40	Grommets Rectangular (20)
FUTM2346	FSH-46	Grommets S134/3302 (20)
FUTM2347	FSH-47	Eyelets S134/3302 (20)
FUTM2348	FSH-48	Grommets Split (20)
FUTM3650	FSH-21	Eyelets – Brass (20)

Servo Cases and Gear Sets				
Servo	Stock #	Case Set	Stock #	Gear Set
S148	FUTM2999	UBS-48	FUTM3400	FGS-48
S3001	FUTM2946	UBS-3001	FUTM3400	FGS-48
S3003	FUTM2939	UBS-3003	FUTM3416	FGS-3003
S3004	FUTM2942	UBS-3004	FUTM3416	FGS-3003
S3010	FUTM2948	FCS-3010	FUTM3328	FGS-3010
S3016	FUTM2900	FCS-3016	FUTM3415	FGS-3002
S3050	FUTM2948	FCS-3010	FUTM3450	FGS-3050
S3051HV	FUTM2948	FCS-3010	FUTM3085	FGS-3051
S3102	FUTM3050	FCS-3101	FUTM3435	FGS-3102
S3107	—	—	FUTM3358	FGS-3107
S3111/M	FUTM2952	FCS-3110	FUTM3466	FGS-3111
S3114/M	FUTM3001	FCS-3114	FUTM3467	FGS-3114
S3115	FUTM2954	FCS-3115	FUTM3404	FGS-3101
S3117	FUTM2956	FCS-3117	FUTM3469	FGS-3117
S3150	FUTM3073	FCS-3150	FUTM3451	FGS-3150
S3151	FUTM3072	FCS-3151	FUTM3400	FGS-48
S3152	FUTM2948	FCS-3010	FUTM3328	FGS-3010
S3153	FUTM3074	FCS-3153	FUTM3329	FGS-3153
S3153MG	FUTM3074	FCS-3153	FUTM3330	FGS-3153MG
S3154	FUTM3001	FCS-3114	FUTM3467	FGS-3114
S3155	FUTM3073	FCS-3150	FUTM3331	FGS-3155
S3156	FUTM3076	FCS-3156	FUTM3332	FGS-3156
S3157/M	FUTM2956	FCS-3117	FUTM3469	FGS-3117
S3171SB	FUTM3073	FCS-3150	FUTM3150	FGS-3171
S3305	FUTM2948	FCS-3010	FUTM3384	FGS-3305
S3306	FUTM3002	FCS-3306	FUTM3412	FGS-3306
S3306MG	FUTM3002	FCS-3306	FUTM3412	FGS-3306MG

Servo	Stock #	Case Set	Stock #	Gear Set
S3801	FUTM2980	FCS-34	FUTM3411	FGS-3303
S3802	FUTM2976	FCS-3802	FUTM3398	FGS-3802
S5050	FUTM2980	FCS-34	FUTM3449	FGS-5050
S9001	FUTM3055	FCS-9001	FUTM3400	FGS-48
S9071SB	—	—	FUTM3080	FGS-9650
S9072SB	FUTM3069	FCS-9451	FUTM3432	FGS-9451
S9074SB	FUTM3059	FCS-9156	FUTM3456	FGS-9156
S9075SB	FUTM3061	FCS-9157	FUTM3457	FGS-9157
S9151	FUTM3057	FCS-9151	FUTM3442	FGS-9151
S9152	FUTM3071	FCS-9152	FUTM3452	FGS-9152
S9153	FUTM3071	FCS-9152	FUTM3453	FGS-9153
S9154	—	—	FUTM3454	FGS-9154
S9155	FUTM3025	FCS-9351	FUTM3460	FGS-9351
S9156	FUTM3059	FCS-9156	FUTM3456	FGS-9156
S9157	FUTM3061	FCS-9157	FUTM3457	FGS-9157
S9202	FUTM3020	FCS-9202	FUTM3340	FGS-315
S9206	FUTM3067	FCS-9203	FUTM3447	FGS-9206
S9252	FUTM3057	FCS-9151	FUTM3444	FGS-9252
S9254	FUTM3057	FCS-9151	FUTM3445	FGS-9253
S9255	FUTM3030	FCS-9255	FUTM3463	FGS-9255
S9256	FUTM3064	FCS-9256	FUTM3443	FGS-9251
S9257	FUTM3063	FCS-9257	FUTM3464	FGS-9257
S9350	FUTM3005	FCS-9350	FUTM3434	FGS-9350
S9351	FUTM3025	FCS-9351	FUTM3460	FGS-9351

Heavy-Duty Extensions			
Stock #	Part #	Description	Length
FUTM4135	AEC16	Heavy-Duty Dual Servo Extension J-Type	6 in
FUTM4140	AEC14	Heavy-Duty Servo Extension J-Type	8 in
FUTM4145	AEC15	Heavy-Duty Servo Extension J-Type	16 in
FUTM4147	AEC17	Heavy-Duty Servo Extension J-Type	20 in
FUTM4148	AEC18	Heavy Duty Servo Extension J-Type	40 in
FUTM4180	AEC20	HD Servo Extension w/Filter J-Type	8.6 in

Servo Connectors			
Stock #	Part #	Description	Length
FUTM3720	FPC-BJ	J-Type Female Connector	12 in
FUTM4500	FPC9M	Servo Connector J Plug	4.5 in
FUTM4503	FPC10M	Servo Connector Micro Plug	4.5 in

Servo	Stock #	Case Set	Stock #	Gear Set
S9402	FUTM3067	FCS-9203	FUTM3430	FGS-9402
S9405	FUTM3067	FCS-9203	FUTM3430	FGS-9402
S9452	FUTM3075	FCS-9452	FUTM3432	FGS-9451
S9551	FUTM3016	FCS-9551	FUTM3420	FGS-9551
S9602	FUTM3065	FCS-9602	FUTM3437	FGS-9602
S9650	FUTM3431	FCS-9650	FUTM3080	FGS-9650
BLS151	FUTM2805	FCS-151	FUTM3474	FGS-151
BLS152	FUTM2806	FCS-152	FUTM3457	FGS-9157
BLS153	FUTM2808	FCS-153	FUTM3475	FGS-153
BLS154	FUTM2809	FCS-154	FUTM3476	FGS-154
BLS155	FUTM2804	UBS-351	FUTM3473	FGS-352
BLS156HV	FUTM2804	UBS-351	—	—
BLS157HV	FUTM2815	FCS-157	FUTM3483	FGS-157
BLS251	FUTM2802	UBS-251	FUTM3477	FGS-251
BLS252	FUTM2803	FCS-252	FUTM3471	FGS-252
BLS253	FUTM2803	FCS-252	FUTM3470	FGS-451
BLS254	FUTM2807	FCS-254	FUTM3445	FGS-9253
BLS255HV	FUTM2803	FCS-252	FUTM3486	FGS-255
BLS256HV	FUTM2802	UBS-251	FUTM3477	FGS-251
BLS257	FUTM2808	FCS-153	FUTM3478	FGS-257
BLS351	FUTM2804	UBS-351	FUTM3472	FGS-351
BLS352	FUTM2804	UBS-351	FUTM3473	FGS-352
BLS451	FUTM2801	FCS-451	FUTM3470	FGS-451
BLS452	FUTM2801	FCS-451	FUTM3473	FGS-352
BLS551	FUTM2810	FCS-551	FUTM3479	FGS-551
BLS651	FUTM2811	FCS-651	FUTM3475	FGS-153

Nylon Servo Horns		
Stock #	Part #	Description
FUTM1980	FSH-6E	Horn E – Long Arm S28/48
FUTM1985	FSH-6F	Horn F – Small X Spline
FUTM2000	FSH-6R	Horn C – Disc S28/48
FUTM2002	FSH-6V	Horn HD – S3156 (4)
FUTM2005	FSH-63	Horn – S3103/3107 (4)
FUTM2010	FHS-6S	Horn B – Star S28/48
FUTM2011	FSH-6T	Horn – T-Shape Car
FUTM2020	FSH-6W	Horn D – Wheel S28/48
FUTM2030	FSH-6X	Horn A – X S28/48
FUTM2035	FSH-6G	Horn G – Disc S34/134/134G
FUTM2036	FSH-7W	Horn W – Wheel Large (4)
FUTM2038	—	Mini Servo Horn A
FUTM2042	FSH-9152	Servo Horns S9152/9153
FUTM2045	FSH-5801	Horn – Sail Winch Drum S5801
FUTM2258	FSH-38	Sail Servo Arm – S3801/125
FUTM2350	FSH-3103	Accy. Package S3103/3107
FUTM3550	FSH-42	Accy. Pkg. S28/30/32/48/9301
FUTM3551	FSH-50	Accessory Package S3003
FUTM4510	FSH-60	Sub Micro Horn Std S3108 (3)
FUTM4511	FSH-61	Sub Micro Horn Long S3108 (3)

Aluminum Servo Horns		
Stock #	Part #	Description
FUTM2100	FSH-TD3S	2" Double Horn – Silver
FUTM2105	FSH-TD2S	1.5" Double Horn – Silver
FUTM2110	FSH-TD1S	1" Double Horn – Silver
FUTM2115	FSH-T2S	1.5" Single Horn – Silver
FUTM2117	FSH-T2R	1.5" Single Horn – Red
FUTM2118	FSH-T2B	1.5" Single Horn – Blue
FUTM2120	FSH-T1S	1" Single Horn – Silver
FUTM2122	FSH-T1R	1" Single Horn – Red
FUTM2123	FSH-T1B	1" Single Horn – Blue
FUTM2125	FSH-TD4S	20 mm Double Thin Arm – Silver
FUTM2127	FSH-TD4R	20 mm Double Thin Arm – Red
FUTM2128	FSH-TD4B	20 mm Double Thin Arm – Blue
FUTM2130	FSH-T4S	20 mm Single Thin Arm – Silver
FUTM2132	FSH-T4R	20 mm Single Thin Arm – Red
FUTM2133	FSH-T4B	20 mm Single Thin Arm – Blue

Servo Horn Gauges	
Stock #	Description
FUTM2400	Horn Drill Gauge 12.5-15 mm
FUTM2401	Horn Drill Gauge 9.5-12 mm

Batteries, Chargers & Checkers

CR-2000 DC NiCd/NiMH Peak Charger



FUTM4160

- Push-button peak charging and jog-dial programming for NiCd or NiMH Tx/Rx packs and glow starter cells.
- Battery range: 6-8 cell, 500-2000mAh (Tx); 4-6 cell, 50-2000mAh (Rx) and 1-cell, 1000-2500mAh (glow cells)

Both feature:

- Simultaneous Tx/Rx or Tx and glow cell charging.
- Alligator clips, 12V car adapter, Tx charge cord and Rx charge adapters.

CR-2500 DC Li-Ion/NiCd/NiMH Charger & Discharger



FUTM4168

- Charges Rx packs, glow starter cells and Lithium-Ion Tx packs for the 12Z and 14MZ — cycles and discharges Rx packs, too.
- Battery range: 7.4V 2200mAh (Fut. Li-Ion Tx pack); 4-6 cell, 50-2000mAh (Rx) and 1-cell, 1000-2500mAh (glow cells)

BR-2000 Battery Checker/Discharger



FUTM4165

- Ideal for 4-6 cell NiCd/NiMH Rx packs and 1-cell Li-Ion packs.
- Backlit LCD glows red as it checks and blue during discharge.
- Adjustable 1-3A discharge rate, built-in fan and auto cut-off.

BR-3000 Battery Checker/Discharger



FUTM4166

- Ideal for 4-7 cell NiCd/NiMH Rx packs and 2-7 cell LiPo/Li-Ion/LiFe packs.
- Displays total voltage and remaining capacity for NiCds/NiMHs.
- Also shows individual cell voltage, minimum/maximum cell voltage and cell voltage difference for LiPos/Li-Ions/LiFes.

Tx Batteries

- FUTM1430** NT8H 9.6V 500mAh NiCd Flat Tx Pack (J/G/PCM)
- FUTM1440** NT8F600B 9.6V 600mAh NiCd Flat Tx Pack (J)
- FUTM1457** NT8S600B 9.6V 600mAh NiCd Sq. Tx Pack (J)
- FUTM1460** NT8S700B 9.6V 700mAh NiCd Sq. Tx Pack (J)
- FUTM1462** NT8F700B 9.6V 700mAh NiCd Flat Tx Pack (J)
- FUTM1468** NT8F100B 9.6V 1100mAh NiCd Flat Tx Pack (J)
- FUTM1473** FHT5F1700B 6V 1700mAh NiCd Flat Tx Pack (J)
- FUTM1475** FLT2F2200 7.4V 2200mAh Li-Ion Flat Tx Pack (14MZ)
- FUTM1480** NT6F1700B 7.2V 1700mAh NiMH Sq. Tx Pack (12FG)
- FUTM1450** NT8LP 9.6V 500mAh NiCd Sq. Tx Pack (9V)
- FUTM1463** NT8JY 9.6V 600mAh NiCd Flat Tx Pack (2-Pin)
- FUTM1465** NT8IB 9.6V 600mAh NiCd Sq. Tx Pack (J)

Rx Batteries

- FUTM1280** NR4J 4.8V 600mAh NiCd Flat Rx Pack (J)
- FUTM1290** NR4M 4.8V 500mAh NiCd Flat Rx Pack (G)
- FUTM1295** NR4QB 4.8V 600mAh NiCd Sq. Rx Pack (J)

AC Wall Chargers

- FUTM1700** Li-Ion Tx Battery Charger (12Z/14MZ)
- FUTM1705** Rx Battery Charger (12Z/14MZ)
- FUTM1805** HBC-2B (4) Tx Battery Charger (12FG)
- FUTM1825** FBC-30B (4) Tx/Rx Battery Charger (9Z)
- FUTM1830** FBC19B4 Dual Tx/Rx Battery Charger (Various)
- FUTM1832** HBC3B (4) Tx/Rx Battery Charger (4PK/4PKS)

Charge Cords

- FUTM4235** CR-2500 Charger/14MZ



Futaba: the unchallenged leader in 2.4GHz technology!

From the start, Futaba 2.4GHz systems have proven the most dependable systems available, and for three very good reasons. The first is 100% frequency security, for absolute dependability in the air, on land and over water, in venues ranging from the smallest local fields to the largest world-class events. The second is the ability to create a robust and unbreakable transmitter-receiver link with push-button ease. The third is that all Futaba 2.4GHz systems perform flawlessly with a single receiver, eliminating the added cost and work of installing satellite receivers.

2.4GHz FASST™ Systems

FASSTest is the latest revolution in Futaba 2.4GHz technology. The 18MZ is the first FASSTest system ever, a distinction which simultaneously makes it the first true 18-channel system in Futaba history, the most advanced 2.4GHz system in the world — and fully backwards-compatible with all FASST, FHSS and S-FHSS systems. FASSTest technology also makes the 18MZ a *bi-directional* radio system capable of supporting a broad range of telemetry functions. Its high-voltage R7008SB receiver also offers modelers the unparalleled flexibility to use as many...or as few...of its 18 channels as desired.

And while the full list of FASSTest benefits is still in the making, one thing is clear: FASSTest technology has the potential to change the way 2.4GHz systems are designed forever.

2.4GHz FASST™ Systems

When the first FASST (Futaba Advanced Spread Spectrum Technology) R/C system was introduced in 2006, it was built on 15 years of spread-spectrum technology proven effective in industry.

FASST offers modelers interference-free operation through a premium blend of innovative features, including coded transmitter signals, Easy Link™ receivers, patented Pre-Vision™ signal correction and an advanced form of frequency hopping technology Futaba calls Continuous Channel Shifting.

2.4GHz FHSS & S-FHSS Systems

Futaba introduced FHSS (Frequency Hopping Spread Spectrum) systems in 2010, to offer modelers a less expensive way to enjoy 2.4GHz dependability.

Other advantages include extremely low latency, exceptionally fast frame rates, transmitters with no external antennas and low-cost receivers with Easy Link convenience.

As the name implies, the transmitter signal of an FHSS system literally hops from frequency to frequency in a pseudorandom sequence. The combination of frequency hopping with Futaba's advanced algorithms creates 100% frequency security.

Futaba FHSS and S-FHSS systems are also compatible with models that display the FTR (Futaba Transmitter-Ready) symbol. It means that the model's factory-installed receiver is FHSS-compatible and can be linked and used with an FHSS transmitter you already own.

Apparel and Gear

Stand out from the crowd with authentic Futaba merchandise!



Futaba Winter Jacket (M-2XLTall)

- Water-resistant nylon shell with stretch knit cuffs and waistband
- Panda fleece lining
- Double-stitched seams



Futaba Fleece Jacket

- Provides warmth without the weight
- Features an Futaba logo on the front left side and a 2-color FASST logo on the back right shoulder
- Available in black and orange, in sizes XS-6XL



FASST T-Shirt-Orange

(M-XXXL)



Futaba T-Shirt-Orange

(M-XXL)

Futaba Straw Hat

- Made of natural woven fibers with a black cloth band
- Elastic headband stitched inside ensures a comfortable fit



FUTZ7301



Futaba Trucker's Cap

FUTZ7302



Futaba Black/Orange Cap

FUTZ7303

Deluxe Heavy-Duty Folding Chair

- Extra-wide seat and built-in cup holders provide comfort and convenience
- 22 mm tubular steel frame holds up to 350 pounds
- Deluxe carrying case included

FUTZ7316



Microfiber Towel

- Made of soft, highly absorbent microfiber material

FUTZ7325



16 oz. Insulated Travel Tumbler

- Keep drinks at the ideal temperature; includes lid

FUTZ7323



FUTZ7322 Orange FASST Can Koozie

FUTZ9910 Orange Futaba Event Banner 3' x 4'

FUTZ9911 Orange Futaba Event Banner 3' x 8'

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