

FUTABA® ADVANCED SPREAD SPECTRUM TECHNOLOGY



10C 10-CHANNEL FASST™ COMPUTER SYSTEM

"Advanced radio technology for precise, dependable control."

For the best in 2.4GHz dependability!

The 10C's wealth of features make it an outstanding value. FASST makes it one of the most reliable flight systems ever created!



Unlike most other flight systems, FASST systems don't operate on just one or two channels — they shift frequencies 500 times per second. That leaves same-channel interference virtually no time to score a "hit."



The 10C relies on a single receiver that features two antennas. The R6014FS constantly monitors both antennas and automatically switches to the one with the strongest signal.

R6014FS Receiver



Hassle-Free Fail-Safes

The 10C's two fail-safes don't require binding plugs or complicated routines — just simple set up on the transmitter. You can create a throttle fail-safe with "7-Channel Mode" or expand fail-safe coverage to all channels with "Multi-Channel Mode." A factory-programmed fail-safe in the receiver automatically reserves power for control when the voltage of the flight pack is low.



A Futaba exclusive!

Patented Pre-Vision technology scans incoming signals to detect and correct errors before they can cause problems. Patent # 6,141,392



All FASST transmitter modules include a unique ID code. Once the receiver has "learned" it, it will lock onto signals with that code and block out all others. It's a powerful, unbreakable link that you create just by pushing a button.

Superior "feel" and Real-time Response™

Like high-end Futaba flight systems, the 10C reacts with the incredible speed and precision of 2048 resolution. It's the next step up in control technology; one that offers twice the holding power and precision of 1024 systems and responds in just half the time. It gives you more finesse on demand and more strength for split-second changes — and the power to enjoy both virtually instantaneously.



THE 2.4GHZ SYSTEM THAT OFFERS THE IMPOSSIBLE: PRO-LEVEL FEATURES AT A SPORT-SYSTEM PRICE.

All-Digital Design - Real-Time Response™

Some people feel that a 2.4GHz system with a built-in module will always offer better response than a modular system. Nothing could be further from the truth.

The 10C is a modular system, yet offers response superior to most "dedicated" systems. Why? Because response doesn't depend on whether your module is built-in or modular. It depends on whether your signal starts in analog or digital form.

Converting a signal from analog to digital form requires processing time — what you experience as lag. The 10C, on the other hand, was designed with a totally digital data stream. The signal starts digital and stays digital. Since no additional processing is needed, there's no lag, either — just virtually instantaneous, real-time response.

And because the 10C is modular, you can use the TM-10 module to fly 2.4GHz-equipped aircraft...or replace it with a 50 or 72MHz module, and fly existing models without added equipment or expense.

Futaba Service Center

In the unlikely event that your Futaba equipment ever requires service, you can count on Futaba's exceptional Service Center to get you back into action fast.



Staffed by expert technicians and equipped with the most advanced diagnostic tools, the Service Center gives your Futaba radio system the knowledgeable care it deserves. If a repair is needed, they get it right the first time.

And the Service Center's location in the central United States means that shipping to most areas of the country takes only two days. You get your return package fast — without paying overnight shipping charges.

Futaba Service Center USA
3002 N. Apollo Dr. Suite 1, Champaign, IL 61822

One Year Limited Warranty

Futaba digital proportional R/C systems are warranted to the original purchaser for one full year from the date of purchase against defects in material and workmanship. During this period, Futaba will repair or replace, at our discretion, the defective component.

This warranty does not apply to improperly installed, handled, or abused systems, radios which have been damaged in a crash, nor to any unit which has been repaired or altered by unauthorized agencies. Under no circumstances will the buyer be entitled to consequential or incidental damages. This limited warranty gives you specific legal rights. You may have other rights which vary from state to state. Batteries and plastic housings are not covered by warranty.

This warranty applies to Futaba products purchased and used in the United States, Canada, and Mexico.

Need news or information? Get it fast from these Futaba websites!

Visit www.2.4Gigahertz.com

For today's latest on 2.4GHz FASST™ systems



- Your source for recent announcements, late-breaking news and complete 2.4GHz product information
- Get detailed answers to frequently asked questions from Futaba experts
- Download product manuals for 2.4GHz systems
- Find links to the best sources of support for your 2.4GHz system

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- An invaluable source of facts and information on Futaba systems and everything that goes with them
- Comprehensive lists of features for each system make it easy to do side-by-side comparisons — and find the perfect system!
- Shop at the Futaba Store, catch up on Team Futaba news, find replacement parts, download software upgrades
- Find the nearest shop for Futaba products with the Dealer Locator!

10C 10-CHANNEL FASST™ COMPUTER SYSTEM

Futaba®

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For more information on 10C computer radio systems or the location of the Futaba dealer nearest you, please visit www.futaba-rc.com, or call 1-800-682-8948 and mention code number 99F38.

www.futaba-rc.com

ENJOY THE ENHANCED FEATURES AND INCREDIBLE VALUE OF THE FUTABA IOC

SEEING IS BELIEVING... AND THERE'S A LOT TO SEE ON THE IOC!

10C Overview

- Big, 160 x 72 LCD with backlighting, adjustable contrast & auto-off
- Dial 'n Key™ programming w/ joystick navigation
- 15-Model memory (expandable w/optional CamPACs)
- 10-character user name
- 10-character model name
- 2048 resolution
- Basic & Advanced menus
- Enhanced airplane, heli & glider software
- "Logic Switches" — Use stick/switch positions to activate channels or functions
- Up/down on/off timer (activate by stick or switch)
- Tracks service hours for radio and models
- Mode 1-4 selectable (Modes 3 & 4 programmable)
- Assignable functions/switches
- Auxiliary channel screen — for 1-step function/switch assignment & eliminating unused auxiliary functions
- 2 proportional slider switches
- Digital trims on all 4 main channels
- Trim memory & sub-trims (all channels)
- Adjustable trim steps (1-40)
- Fail-safe, servo reversing & EPA
- "Full Functionality" trainer system (cord required)
- Flap switch (3-position)
- Retract switch
- Variable-rate knobs (3)
- Adjustable Throttle Cut/Idle Down
- Sticks w/length & tension adjustments
- Servo cycle w/bar graph displays
- Constant trim, voltage, name and timer display

10C Specifics

Advanced Airplane Menu

- 8 programmable mixes (4 linear/4 w/5-point curves)
- 9 factory-defined mixes: Elevator-Flap; Ailevator; Throttle-Needle; Aileron Differential; Flaperon; V-Tail; Elevon; Snap Roll; and Air Brake w/elevator delay
- Plus
- 2 independent gyro settings
- 7-point throttle curve
- Flap trim
- 2-rate gyro system
- Dual/Triple rates (4 ch.)
- Exponential (4 ch.)
- Idle down
- Throttle cut
- Throttle delay
- Throttle Hold & Idle-up w/delay

Advanced Heli Menu

- The 10C accepts separate gyro sensitivity, governor speed and servo travel rates for up to 4 flight modes — and automatically changes all three when the flight mode changes.
- 6 programmable mixes (4 linear/ (2) 5-point curves)
 - 8 factory-defined mixes: Hover-Throttle; Hover-Pitch; Throttle-Needle; Governor; Offset; Revo (5-pt.); Delay; and Throttle Mix (ail/ele/rdr)
 - Gyro menu
 - Plus
 - 8 swash plate types w/graphics
 - Swash Plate AFR
 - (4) 7-point throttle & pitch curves w/delay
 - High/Low pitch setting
 - 3 Adjustable Idle-up conditions

Slider Switches (2)

Accessible from the rear for fingertip control.

15-Model Memory

Expand memory by 4, 16 or 33 models with plug-in CAMpac Data Modules.

- 16K Module (4 Models)
- 64K Module (16 Models)
- 128K Module (33 Modules)

3 Rotary Dials

- Assign functions to the switches you prefer for the "feel" you like.

More Programmable Mixes

Choose channels and settings. Eight each for airplanes and sailplanes — 8 for helis!

More Factory-Defined Mixes

Shortcuts to reduce setup time. The programming is there — just add values for: 9 airplane mixes, 12 sailplane mixes and 8 heli mixes.

Digital Trims & Trim Memory

Available on all four main channels. Set and forget; choosing a model automatically brings up trim and sub-trim settings. Trim increments can be set at 1, or as high as 40.

Dial 'n Key™ Programming

A joystick for simple navigation — a jog dial for opening menus and entering settings. Fast, easy and intuitive.

160 x 72 LCD

Bigger and backlit for better visibility at all times. Contrast adjusts to your time and place. Backlighting turns off automatically when not in use to conserve battery power.

R6014FS RECEIVER

- True, 14-channel design.
- Designed specifically for FASST™ 2.4GHz systems.
- Push-button Easy-Link™ feature locks receiver to the transmitter's unique signal.
- Includes battery fail-safe with auto cut-off and setup LED.

TM-10 2.4GHz Transmitter Module

- Includes a unique ID code for improved security and reliability.
- True digital signal eliminates processing time and lag.
- Includes Continuous Channel Shifting circuitry to keep dependability one step ahead of interference.
- Easy to install for 2.4GHz use — easy to remove for 10C use with existing 50 or 72MHz modules and aircraft.

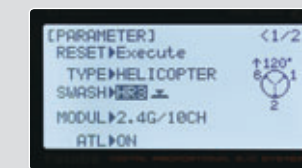
Stock #	System	Modulation	Band	Receiver	Tx Battery	Rx Battery	Mode
FUTK9250	10CA	FASST	2.4GHz	R6014FS	NT8S700B 700mAh NiCd	NR4J 600mAh NiCd	2
FUTK9251	10CH	FASST	2.4GHz	R6014FS	NT8S700B 700mAh NiCd	NR4RB 1000mAh NiCd	2
FUTK9252	10CA	FASST	2.4GHz	R6014FS	NT8S700B 700mAh NiCd	NR4J 600mAh NiCd	2
FUTK9253	10CHP	FASST	2.4GHz	R6014FS	NT8S700B 700mAh NiCd	NR4RB 1000mAh NiCd	2

Advanced Sailplane Menu

- 8 programmable mixes (4 linear/ (4) 5-point curves)
- 12 factory-defined mixes: Butterfly-Elevator (2); Elevator-Flap; Camber (w/ail/ele/rdr adj.); Aileron-Flap; Aileron-Rudder; Flaperon; V-tail; Flap Trim; Butterfly w/spoiler adj.; and 4-point Offset (w/camber adj. for basic/launch/thermal/speed)
- Plus
- Adjustable spoiler
- Adjustable throttle cut
- Single/Dual Flap servos
- Start, Speed, Distance & Landing conditions
- Adjustable Motor Cut

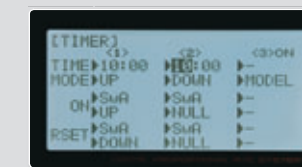
Enhanced Swash Plate Screens

The advanced heli menu offers you 8 swash plate options and a separate programming screen for each one. New graphics provide an easy way to link on-screen text with on-heli features.



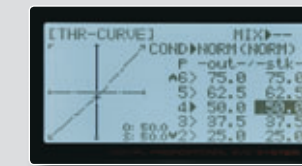
Switch or Stick Timer Activation

With the 10C, the timer can be on or off, count up or down and activated from the switch or stick that's most convenient for you. Another screen shows you total service hours for the 10C and the model you're flying.



7-Point Throttle Curves

Instead of the 5-point curves found on most sport systems, the 10C features the 7-point curves found on high-end competition systems. Heli software offers a matching 7-point curve for pitch adjustments.



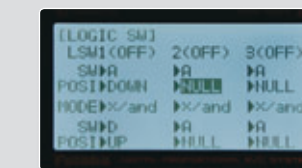
Simple, One-Screen Setup for Switches & Functions

Bring up the Auxiliary Channel screen, and you have a fast, easy way to eliminate unnecessary functions — or to assign the functions you want to the switches you prefer.



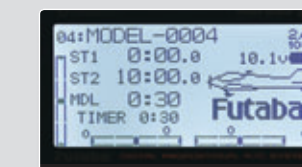
Logic Switches: Flexible Setup, Automatic Ease

With logic switches, you can automatically activate a channel or function to certain switch positions.



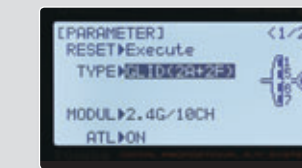
Simplifying Sailplane Setup

Selecting sailplane type automatically brings up a setup screen and graphics that identify the control surfaces involved. Assigning control surfaces to specific channels has never been easier.



Constant Trim, Voltage, Timer & Name Display

The 160 x 72 LCD provides room for a huge amount of information on the opening screen: 10-character aircraft name; two flight timers; operating hours for the model and transmitter; bar graphs of all four trim settings; a 10-character user name; a graphic showing model type; battery voltage; and modulation.



Programming for Sailplane Events

The Condition Select screen lets you program before the event and concentrate on flying while you compete. You can enter settings for up to four conditions and activate any one with the flip of a switch.

