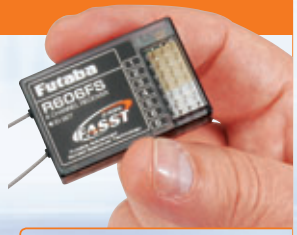
Unparalleled full-range technology in a 2.4GHz aircraft system.

Futaba Advanced Spread Spectrum Technology
2.4GHz FASST™

6EX w/2.4GHz FASST System

To engineer a 2.4GHz aircraft system with this level of sophistication requires exceptional experience and expertise. For nearly 15 years Futaba has been utilizing spread spectrum technology in industrial R/C applications. So when it came to adapting that technology to meet the unique demands of R/C flying, Futaba devoted the extra research and development necessary to create a system that's head and shoulders above the competition.

The heart of the FASST system is the R606FS receiver: there's no other 2.4GHz receiver like it!



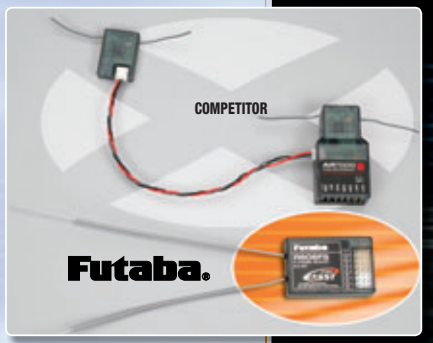
Size and weight —
The R606FS measures 1.64 x 1.08 x 0.36 inches and weighs just 7 grams without the case...perfect for park flyers, but powerful enough to easily control giant-scale models too. It's the best of both worlds!

Full-range capability —
The competition's full-range system includes a bigger, two-piece receiver; a smaller park flyer receiver must be purchased separately. The compact R606FS unit offers "all-in-one" convenience!

Antenna stress relief —
Unlike other receivers, the R606FS uses rubber grommets to minimize stress on the antennas. This helps prevent the antenna wire from fraying, and possibly putting your model at risk.

Installation ease —
The single R606FS unit can be installed without making any modifications. The competitor's 2.4GHz system requires that their two receivers be mounted in separate locations.

Number of connections —
The competition's two receivers mean two additional connection points, doubling the potential for a problem.



The 6EX: computer programming functions and features that are state-of-the-art!

Standard Programming Functions
- *Model Select — six model memory.*
- *Model Type — select airplane or heli programming in one transmitter.*
- *Servo Reversing — on all six channels.*
- *Dual Rate/Exponential — for ailerons, elevator and rudder.*
- *End Point Adjustment — fine-tunes servo throws on all six channels.*
- *Digital Trim — stores trim settings for each model for aileron, elevator, rudder and throttle.*
- *Fail Safe — a safety throttle setting in case of loss of transmitter signal.*
- *Battery Fail Safe — moves the throttle to a preset position when the airborne pack reaches 3.8V.*
- *Stick Mode — choose from Mode 1 through 4.*
- *Range Checking — Power Down reduces transmitter output power for up to one minute, allowing range checking from 50 paces away.*
- *Changeable Throttle Stick — select ratchet for airplanes or smooth for helis.*
- *Adjustable Stick Length — choose the length that suits your flying style.*

Airplane-Specific Programming Functions
- *Wing Mixing — for flaperon, flap trim, V-tail and elevon.*
- *Trainer System — with the transmitter as either the master or student system. Compatible with other Futaba systems.*
- *Throttle Cut — pre-programmed for safely shutting off the engine.*
- *Programmable Mixing (1 & 2) — two different mixes allow any two channels to be combined.*

Helicopter-Specific Programming Functions
- *5-Point Normal and Idle Up Throttle/Pitch Curves.*
- *Throttle Hold — for autorotation.*
- *Revo (Revolution Mixing) — mixes rudder and pitch together.*
- *Gyro Mixing — two gyro gain settings can be programmed and selected during flight.*
- *Swash to Throttle Mixing — corrects slowing of the engine's speed caused by the swashplate.*
- *Swashplate Types — choose from 1S (independent aileron, pitch and elevator servos linked to the swashplate), 3S (120° CCPM), or 3E (90° CCPM).*
- *Swash AFR — Adjustable Function Rate, for use with 1S, 3S or 3E swash types.*

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www.2.4gigahertz.com

You've seen the rest. . . now fly the best!

FUTABA ADVANCED SPREAD SPECTRUM TECHNOLOGY

2.4GHz FASST™

6EX w/2.4GHz FASST System

Here are some of the key features that make Futaba's 2.4GHz system superior:

CONTINUOUS CHANNEL SHIFTING™

While other 2.4GHz radios lock onto one or two frequencies, the FASST system occupies each individual frequency for only 2 milliseconds before moving on, so interference is virtually impossible.

PRE-VISION™

This sophisticated technology looks ahead and avoids potential problems by scanning incoming data and applying error correction — resulting in a solid, impenetrable connection between you and your model. Patent # 6,141,392

DUAL ANTENNA DIVERSITY™

Seamlessly selects the best reception between two receiver antennas, so you can fly with no fear of loss of signal, regardless of your aircraft's attitude.

EASY LINK™

The transmitter comes with a unique, permanent ID code that is preset at the factory. Pushing the Easy Link button locks the receiver to your transmitter using that code. It's the only code that it will recognize — and with over 134 million possible codes, there's no chance of a signal conflict.

Custom-developed IC chips

No off-the-shelf circuitry here! R/C flying demands "purpose-built" IC chips — as only Futaba, with 30 years of R/C radio experience and almost 15 years of R&D in spread spectrum technology, can provide.

Other 2.4GHz FASST system benefits:

Convenient, worry-free operation

Thanks to Futaba quality and reliability, you can fly anywhere — R/C airfield, neighborhood park, schoolyard — without concern for signal conflict or frequency pins!

A smarter, "one-touch" Fail Safe system

The 6EX 2.4GHz's Fail Safe is programmed right through the transmitter, just like on conventional systems. Other radios require a complicated six-step process, along with a separate binding plug that can easily get lost.

Higher sensitivity

Even at great distances you'll stay in complete control of your model — while also enjoying greater signal selectivity that helps prevent unwanted interference.

Crisper response

Some systems experience latency issues where aircraft response lagged behind the control inputs — but response with the 2.4GHz FASST system is consistently real-time and razor-sharp.

Servo flexibility

By not including servos, the 6EX 2.4GHz lets you configure the system to meet your specific needs. Even better, the system is compatible with all Futaba servos.

A great low price!

You get all this, at a price that makes the 2.4GHz FASST system the absolute best value in a full-range R/C system.

For more information on all of Futaba's 2.4GHz systems, visit:

www.2.4gigahertz.com

or call 1-800-682-8948 and mention code number 99Z35.

Fully tested with large scale models with a range of over 3000 feet!

This is a FULL RANGE system – ideal for all types of R/C aircraft!