

Futaba R6008HS/R6014HS



Thank you for purchasing the **R6008HS**, **R6014HS** FASST receiver. These models have two(2) operation mode as shown below.

Normal mode/High Speed mode

The "Normal mode" accepts any type of servos or the peripherals as the frame rate of the output is 14ms. The "High Speed mode" only accept the digital servos for outputs from 1ch to 6ch, including BLS series, and most peripheral

equipments such as the gyros or brushless ESCs. The frame rate of the outputs is 7ms. The outputs for other channels indicated below allow to use any type of servos as the frame rate of these outputs are still 14ms on the High Speed mode.

R6008HS - 7ch and 8ch
R6014HS - 7ch to 12ch, DG1, DG2

The **R6008HS**, **R6014HS** are compatible with the FASST transmitters as shown below.

TM8(on 8ch mode), TM10(on 10ch mode), TM14(on multi-ch mode)

Usage condition on "High Speed mode"

CAUTION

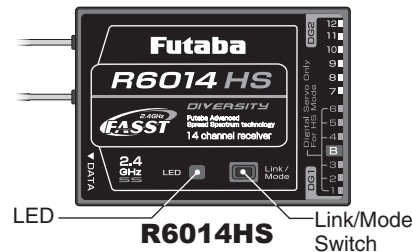
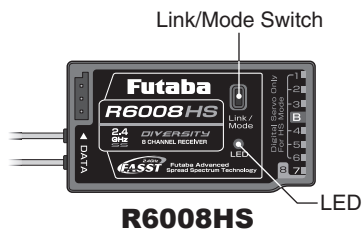
Outputs from 1ch to 6ch accept the digital servos only or most type of peripherals.

• If any analog servos connected to these output

as it will cause malfunction. Please check the peripherals if there's any malfunction with whole stick lever throw. If any malfunction occur please change the operation mode to "Normal mode."

• Output of other channels shown below allow to use any type of servos.

R6008HS - 7ch and 8ch
R6014HS - 7ch to 12ch, DG1, DG2



Compliance Information Statement (for U.S.A.)

This device, trade name Futaba Corporation of America, model number R6008HS/R6014HS, complies with part15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

The responsible party of this device compliance is:
Futaba Service Center

3002 N Apollo Drive Suite 1, Champaign, IL 61822 U.S.A.
TEL (217)398-8970 or E-mail: support@futaba-rc.com (Support)
TEL (217)398-0007 or E-mail: service@futaba-rc.com (Service)

R6008HS/R6014HS Specifications

- Dual antenna diversity
- Power requirement: 4.8V or 6.0V battery or regulated output from ESC, etc. (*1)
- Size: R6008HS: 0.98 x 1.86 x 0.56 in. (24.9 x 47.3 x 14.3 mm)/R6014HS: 2.06 x 1.48 x 0.63 in. (52.3 x 37.5 x 16.0 mm)
- Weight: R6008HS: 0.48 oz. (13.5g)/R6014HS: 0.72 oz. (20.8g)

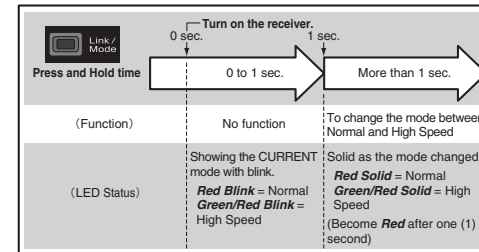
(*1) Be sure that when using ESC's regulated output the capacity of the ESC must meet your usage condition.

Operation Mode Select

The operation mode is on "Normal mode" from factory shipping. When to change the mode, please follow the steps shown below.

- 1 Turn off the receiver.
- 2 Press and hold the link/mode switch and turn on the receiver. Keep the switch hold more than one(1) second. The LED starts flashing with the current status.
- 3 Release the switch.
- 4 Turn off the receiver.

By doing this step, the mode can switch over between two(2) modes.



Please check the operation mode by observing the LED when turning on the receiver. If possible there's no FASST transmitter turned on around you in order to make firmer check.

When turn on the receiver, the LED will be;

- Red when on "Normal mode"
- Green and Red (makes Orange) when on "High Speed mode". (After two(2) seconds, change to Red.)

If there are some FASST transmitter turned on around the receiver, the LED may show the above status for a brief moment then changed to the status indication as shown in the "LED indication" table.

LED Indication

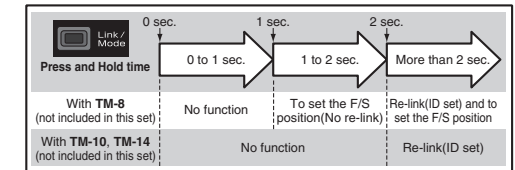
Green	Red	Status
Solid	Solid	Initializing
Off	Solid	No signal reception
Solid	Off	Receiving signals
Blink	Off	Receiving signals but ID is unmatched

Link to the transmitter

- 1 Press and hold the Link/Mode switch more than two(2) seconds.

Re-adjust the F/S position (only for TM-8)

- 1 Press and hold the Link/Mode switch between one(1) and two(2) seconds.



WARNING

Do not perform the linking procedure with motor's main wire is connected or the engine is operating as it may result in serious injury.

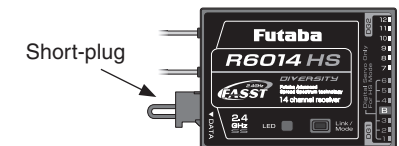
While the linking is done, please cycle receiver power and check if the receiver to be linked is really under the control by the transmitter to be linked.

MPDX-1 application(R6014HS only)

When to use the **MPDX-1**, please prepare the exclusive short-plug shown below.



Please insert the short-plug to **R6014HS**'s "DATA" port.



CH11 and CH12 are valid to use of MPDX-1. Other channels can not use the MPDX-1.

• When not to use the MPDX-1, do not plug the short-plug to the "DATA" port.

• Please note that when the short-plug is plugged to the "DATA" port, both CH11 and CH12 become acceptable for MPDX-1. CH11 or CH12 can not separately set as the "MPDX-1-ready-output."