



T8FG

Radio Control

Instruction Manual

INTRODUCTION

Thank you for purchasing a Futaba digital proportional R/C system. In order for you to make the best use of your system and to use it safely, please read this manual carefully. If you have any difficulties while using your system, please consult the manual, our online Frequently Asked Questions (on the web pages referenced below), your hobby dealer, or the Futaba Service Center.

Owner's Manual and Additional Technical Help

This manual has been carefully written to be as helpful to you, the new owner, as possible. There are many pages of setup procedures and examples. However, it need not be your sole resource of setup guidelines. For example, the back cover includes a quick-start set of instructions and the Frequently Asked Questions web page referenced below includes this type of step-by-step setup instructions for a variety of other model types.

Due to potential unforeseen changes in production procedures, the information contained in this manual is subject to change without notice. No part of this manual may be reproduced in any form, at any time, without prior permission.

Support and Service: It is recommended to have your Futaba equipment serviced annually during your hobby's "off season" to ensure safe operation.

IN NORTH AMERICA

Please feel free to contact the Futaba Service Center for assistance in operation, use and programming. Please be sure to regularly visit the Frequently Asked Questions web site referenced below. This page includes extensive programming, use, set up and safety information on your radio system and is updated regularly. Any technical updates and US manual corrections will be available on this web page. If you do not find the answers to your questions there, please see the end of our F.A.Q. area for information on contacting us via email for the most rapid and convenient response.

Futaba Service Center

3002 N. Apollo Drive Suite 1

Champaign, IL 61822

TEL(217)398-8970, FAX(217)398-7721

HOW TO ACCESS to FAQ:

<http://www.futaba-rc.com/>

OUTSIDE NORTH AMERICA

Please contact your Futaba importer in your region of the world to assist you with any questions, problems or service needs.

Please recognize that all information in this manual, and all support availability, is based upon the systems sold in North America only. Products purchased elsewhere may vary. Always contact your region's support center for assistance.

The product is subject to regulations of the FCC and is restricted under United States law to such purposes.

(See end of this manual for detail)

Instruction of the T8FG

1. Location

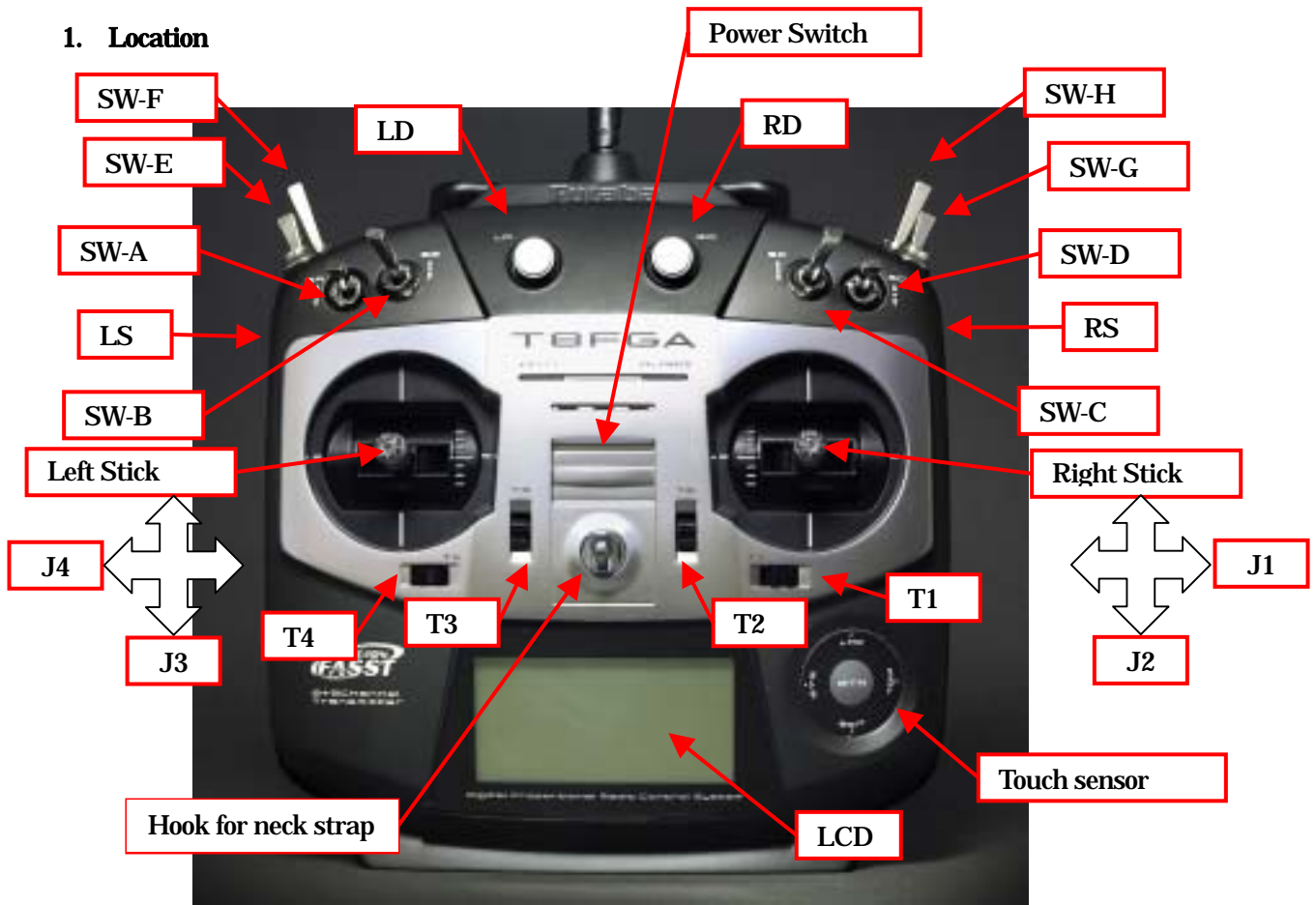


Fig. 1-1 Front view



Fig.1-2 Rear view



Battery lid
(Slider type)

Fig. 1-3 Bottom view



Ni-MH battery

SD Card slot

Fig 1-4 Battery box

2. Charging the battery

1-1. Please confirm the power switch is off.

1-2. Insert the plug of the charger to charging bush of transmitter.



1-3. During the charging, the LED of the charger is on.


The charging time is approx. 15 hours. Please do not charge the battery for 15 hours or more.

The overcharge damages the battery.

The battery is 6 cells Ni-MH battery the capacity is 7.2 V/ 1,700mAh.

3. Operation of the touch sensor

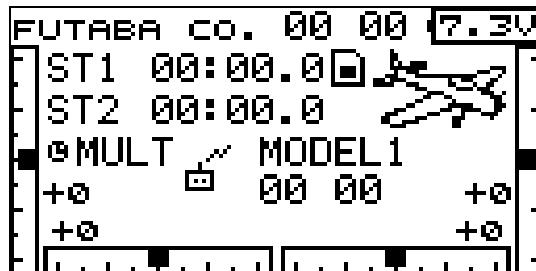
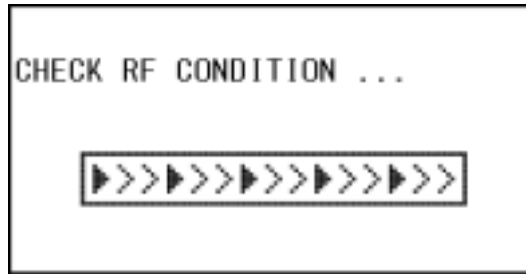
| Operation | Contents | | |
|---|------------|--|--|
| | Touch part | Condition | Working |
| Short touch  | S1 | At the screen have some pages. (Ex. P-MIX screen) | The cursor jumps to top of next page |
| | | At the screen have Only one(1) page. | The cursor jumps the top of page. |
| | | At the input data mode with blinking the setting data. | The setting data is canceled. |
| | RTN | At the moving cursor mode. | Change to the input data mode. |
| | | At the input data mode. | Change to the moving cursor mode. |
| | | At the input data mode with blinking the setting data. | The data is entered. |
| Long touch (1 second)  | SYS | Home screen, System menu, Linkage Menu, Model menu, Selecting ON/OFF Switch, USER NAME, MODEL NAME, DISPLAY, INFO, MODEL SELECT, MODEL TYPE, FREQUENCY, DATA RESET, TIMER, Selecting Control, Selecting Function, SERVO MONITOR | Jump to “System Menu” screen directly. |
| | | Except of above | Jump to “SERVO MONITOR” screen directly. |
| | LNK | At all screens | Jump to “Linkage Menu” screen directly. |
| | MDL | At all screens | Jump to “Model Menu” screen directly. |
| | S1 | HOME screen | Key lock On or Off |
| | | Except the HOME screen | Jump to HOME screen directly. |
| | RTN | At the input data mode with blinking the setting data. | Entered decision. |
| | | At the input data mode without blinking the setting data. | Reset to the initialized value. |

| | | | |
|--|-------------------------|--|---|
| <p>Scrolling</p>  | <p>Outline of "RTN"</p> | <p>At the moving cursor mode Input data mode</p> | <p>The cursor is moved. Increment or decrement the data. Select Yes or No, and so on.</p> |
|--|-------------------------|--|---|

4. Turns on the transmitter

4-1 Power switch is to be on. The red LED is light. LCD displays the bar graph at moment.

4-2 Then, LCD displays the Home screen immediately.

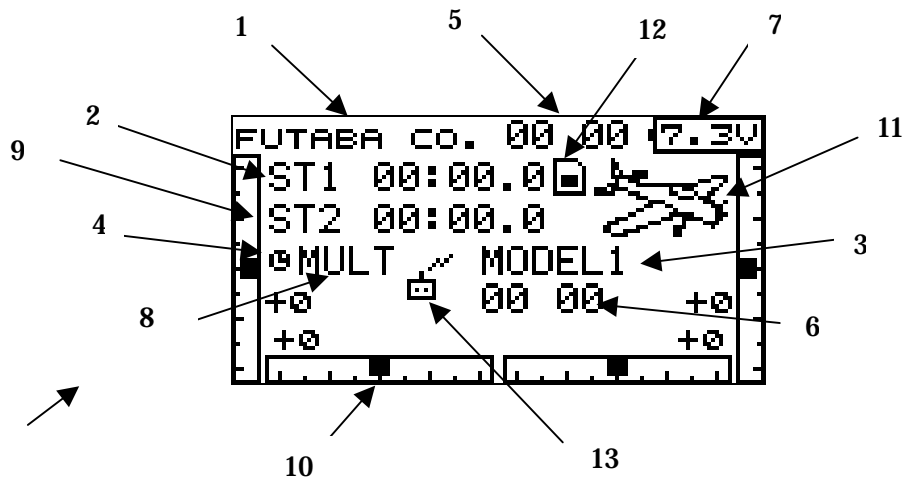


5. Basic operation of editing

LCD screen is consists of editing button and monitor display. You can go through editing menu by touch sensor. If you want to go back to previous menu, you move the cursor to screen title and touch "RTN".

6. Home screen

You always enter this screen after turning on the power. It is a base screen to edit.



- | | |
|--------------------------------------|---|
| 1. User Name | 8. Mode (MULT / 7CH) |
| 2. Timer #1 | 9. Timer #2 |
| 3. Model Name | 10. Trim Indicator |
| 4. Clock icon (Jump to timer screen) | 11. Model Type Icon |
| 5. Integrated Timer | 12. Memory Card Icon (at detected card) |
| 6. Model Timer | 13. RF Transmit |
| 7. Battery Gauge | |

7. Linkage menu

The linkage menu sets the primary data of the each model. These data are common to every flight condition.

If you touch “LNK” of the touch sensor over 1 second, you can get into the linkage menu screen.

| LINKAGE MENU | | 1/2 |
|--------------|-----------|-----|
| SERVO | SUB-TRIM | |
| MODEL SEL. | REVERSE | |
| MODEL TYPE | FAIL SAFE | |
| FREQUENCY | END POINT | |
| FUNCTION | THR CUT | |

8. Model Menu

The model menu sets the data of mixer. These data of each flight condition can be set.

If you touch “MDL” of the touch sensor over 1 second, you can get into model menu screen.

| MODEL MENU | | 1/2 |
|------------|-----------|-----|
| SERVO | THR CURVE | |
| CONDITION | THR HOLD | |
| DUAL RATE | SWASH MIX | |
| PROG. MIX | THR MIX | |
| PIT CURVE | PIT→RUD | |

9. System Menu

The system menu sets the transmitter setting data. For example, display contrast, stick mode.

If you touch “SYS” of the touch sensor over 1 second, you can get into system menu screen

| SYSTEM MENU | |
|-------------|--|
| TRAINER | |
| DISPLAY | |
| USER NAME | |
| H/W SET | |
| INFO | |

INSTRUCTIONS MANUAL FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used according to the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which it found by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet other than the receiver's
- Consult the dealer or an experienced radio/TV technician for assistance.

CAUTION:

To assure continued FCC compliance:

- (1) Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

FCC Label Compliance Statement:

This device complies with Part 15 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.

Exposure to Radio Frequency Radiation

To comply with FCC RF exposure compliance requirements, a separation distance of at least 20cm must be maintained between the antenna of this device and all persons. This device must not be co-located or operating in conjunction with any other antenna or transmitter.