

Before using your new WTR-7, please read this manual thoroughly and use the system properly and safely. After reading this manual, store it in a safe place.



Wireless Trainer System  
**WTR-7**



Thank you for purchasing the WTR-7, Wireless Trainer System for FASST.

The WTR-7 is to be used as a wireless trainer unit instead of the conventional wired trainer cable.

The chart below shows how the WTR-7 is to be used.

### Usage condition:

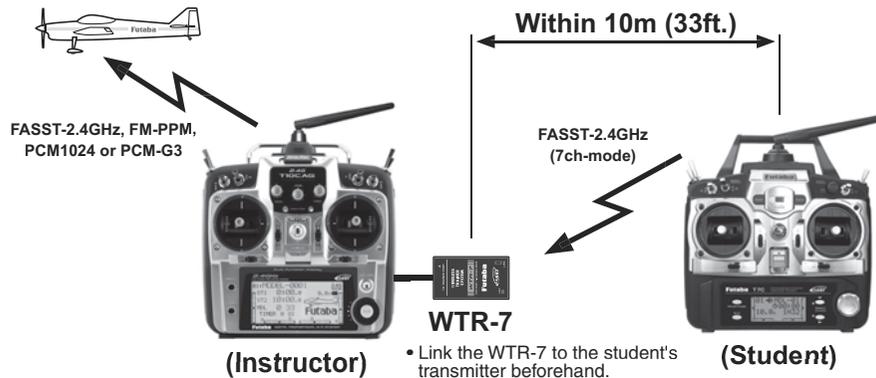
The student's transmitter MUST -

- be in the 7ch mode of FASST such as T6EX, T7C, TM7, TM8's 7ch-mode, TM10's 7ch-mode, TM14's 7ch-mode, etc.
- have the micro connector trainer port.

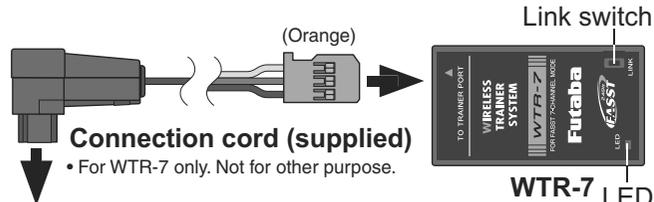
The instructor's transmitter can be any type of Futaba's transmitter which has the micro connector trainer port. (It means that the instructor's transmitter can be FASST, conventional FM-PPM, PCM1024, or PCM-G3.)

## INSTRUCTION MANUAL

### (Wireless Trainer System)



### Connections and Name of Each Part



- Plug into the instructor's transmitter's trainer port.



### Mini screwdriver (supplied)

- Use the miniature screwdriver supplied to operate the Link switch.



### Velcro tape (supplied)

- Use the Velcro tape supplied to attach the WTR-7 on the instructor's transmitter.

### WTR-7 Specifications

- FASST-2.4GHz Wireless Trainer System (7ch-mode)
- Applicable system: (See the paragraph "Usage condition".)
- Operation range: 10m
- Size: 0.89x1.59x0.52in. (22.5x40.3x13.1mm)
- Weight: 0.29oz. (8.1g)

## Usage Precaution

### ⚠ WARNING

- ❗ The instructor and the student must be within 10 meters or 33 ft. in order to keep secure RF link with WTR-7.

- ❗ There should not be any people or other objects between the instructor and the student in order to avoid blocking the RF signal.

- ❗ Since the student's transmitter also has to be turned on to use the WTR-7 please make sure that the student's transmitter's battery is fully charged or still has enough capacity to operate for the full time of training.

- ❗ If the WTR-7 lose the RF-link with the student's transmitter during the student's control, the priority of the control will automatically back to the instructor regardless of the instructor's selector. Therefore, please keep paying attention to the model as usual.

### ⚠ CAUTION

- ⊘ The connection cable is specially made for the WTR-7 thus it MUST not be used for any other purpose.

## Operation Step

### Preparation

- Be sure that the student's transmitter is on FASST 7ch-mode if it's selectable.
- For utilizing the T14MZ or T12Z as the student. Please set the trainer mode to "Teacher" in order to get power to the WTR-7 for linking.

### Link to the student's transmitter

- 1 Plug the WTR-7 into the student's transmitter's trainer port.
- 2 Turn on the student's transmitter.
- 3 The LED on the WTR-7 will be blinking green.
- 4 Press and hold the link switch for more than 2 seconds in order to link to the student's transmitter.

- 5 The LED on the WTR-7 will be on green solid when the link is established.

- 6 Turn off the transmitter.

- 7 Unplug the WTR-7 from the student's transmitter.

### LED Indication

Green	Red	Status
Off	Solid	No signal reception
Solid	Off	Receiving signals
Blink	Off	Receiving signals but ID is unmatched
Blink alternately		Unrecoverable failure (EEPROM, etc.)

### Trainer function operation

- 8 Plug the WTR-7 to the instructor's transmitter.

- Fix the WTR-7 to some place on the instructor's transmitter in order to prevent it from becoming unplugged and dropping off the transmitter.



- 9 Turn on both transmitters.

- 10 Check the airplane's control surfaces to make sure you have proper operation.

Other settings for the trainer usage are same as the conventional usage.

Please refer the transmitter's instruction manual for detail.

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

This device, trade name Futaba Corporation of America, model number WTR-7, 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)