



# R6008HV (FASST compatible receiver) User Manual

## 1. INTRODUCTION

### 1.1 Compatibility:

FASST 2.4G Air Systems (7CH Mode/Multi Mode): 6EX, 7C, TM-7, TM-8, T8FG, T10C, TM-10, T10CG, 14SG, T12Z, T12FG, TM-14, T14MZ, etc.

FASST 2.4G Surface Systems (C1 Mode): 3PK, 4PK, etc.

### 1.2 Specifications:

Operating Voltage Range: 3.5V~8.4V  
Dimension: 35.5X23.3X12.7mm  
Weight: 7.8g  
Latency: 14ms (FS)  
7ms (HS)



### 1.3 Features:

- 1) Compatible with FASST 2.4G: Air Systems (7CH Mode/Multi Mode) & Surface Systems (C1 Mode) ;
- 2) Two selectable failsafe setting options;
- 3) Improve capability of anti-interference ;
- 4) Firmware upgradable

## 2. SETUP( BIND PROCEDURE/ SETTING FAILSAFE/LED STATUS)

### 2.1 Bind procedure:

Turn on the transmitter, connect the battery to the receiver while pressing receiver's F/S button. After the RED LED is off and GREEN LED is solid, the binding process is completed and the receiver is operating normally.

### 2.2 Setting failsafe:

R6008HV support two selectable failsafe setting options, either use native failsafe position preset on the transmitter side, or set failsafe on .

2.2.1 Use native failsafe position preset on the transmitter side:

If not disabling failsafe on the transmitter side, R6008HV will use native failsafe position preset on the transmitter side.

2.2.2 Set failsafe on :

R6008HV supports failsafe function for all channels. Follow the steps below to set failsafe on R6008HV :

- 1) Bind the receiver first, and disable failsafe on the transmitter side;
- 2) Set all transmitter controls to the desired failsafe position;
- 3) Press briefly the F/S button of the receiver, the GREEN LED of the receiver will flash twice, indicating the failsafe is set up successfully.

If you do not need the failsafe function any more, just re-bind the receiver to set default failsafe mode.

**Hint: If not disabling failsafe on the transmitter side, R6008HV will use native failsafe position preset on the transmitter side.**



# R6008HV (FASST compatible receiver) User Manual

### 2.3 LED Status:

| RED LED         | GREEN LED      | Mode                |
|-----------------|----------------|---------------------|
| Off             | On             | Normal mode         |
| On              | On             | Waiting to be bound |
| Flashing        | On             | Signal lost         |
| On              | Flashing twice | Set failsafe        |
| Flashing slowly | On             | FS mode             |
| Flashing fast   | On             | HS mode             |

## 3. HOW TO SWITCH BETWEEN FS AND HS MODES

Turn the transmitter off, connect the battery to the receiver, press the F/S button of receiver for 6 seconds and then release. The red LED will flash fast in HS Mode and slow in FS Mode. Repeat this to alternate modes .

**Warning: HS Mode is only applied for high-speed digital servos. Other servos should select FS Mode, otherwise servos will get hot or even burn out.**

