




# Micro RX800-PRO Digital Receiver User Manual

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## RX800 PRO: 2.4GHZ DIGITAL RECEIVER USER MANUAL

### COMPATIBILITY

S-FHSS 2.4G air system transmitter support list as follow:

14SG	16SZ	18SZ	18MZ
6J	6K	8J	10J

### PARMETER

RX800-PRO use low insertion loss BPF, high performance LNA, ultra low noise 40  $\mu$ V LDO, with 2 stage rx gain switch technology , make this mini receiver have excellent performance , working range 150M in open area away from building and without radio interference , other electrical specification as follow:

Input voltage: 4.0V~6.0V	Input current: 35mA
Output signal : S.BUS (3.3V high level signal, good compatible with most F1, F3, F4, F7 flight controller)	

### BIND PROCEDURE

Turn on the transmitter , power on the receiver while pressing the receiver's key, bind procedure is completed and the receiver is working normally when green LED is solid.

## FAILSAFE

### Support 2

failsafe mode, press the key and hold 3 s while the receiver working normally can switch failsafe mode.

<A>■: After 1s when lost transmitter signal , S.BUS keep output, THR will 988us, all other channels will 1500us.

<B>■: After 1s when lost transmitter signal , S.BUS not output, user should setting related parameters to ensure flight controller handle failsafe.

## LED INDICATOR

Receiver power on when working normally , the LED indicator will flash 2 times then solid The LED status as follow:

First flash when power on	■	S-FHSS 2.4G air system
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Second flash when power on	■	Failsafe mode <A>
	■	Failsafe mode <B>

Then solid	■	Transmitter signal received
	■	Transmitter signal lost

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