User Manual

Specifications:
Frequency: 2.402GHz ~ 2.480GHz
Modulation: GFSK;
Operating voltage: 5V ~ 12V;
Operating Current: 160mA
Delay time: 5 ~ 10ms
Support solutions: SAFH-2; SAFH-4 (1);
Compatible transmitter type (auto-iden): FUTABA, JR, SPEKTRUM, HiTEC
Input signal type: PPM (amplitude of 50mv or 2 ~ 5V)
Operating temperature range: 0 to 40

Attachment function: brushed ESC SW, channel transformation SW, Multi-CH function SW and gyro sensitivity adjustment SW had built in RX.

Note 1:
SAFH: Smart Auto-adapt FHSS.
SAFH-2: 2 point frequency happing. Use for micro receiver.
SAFH-4: 4 point frequency happing. Use for micro & mini standard actuator receiver.
Note 2:
Multimedia channel is based on the protocol of "Mul-CH" to achieved. For simplify to connect on receiver, mini gyro, micro servo(Mi-LSM2400) and others equipment.

Switch and VR function introduction:
BIND switch: Binding operation switch, when pressed it the green LED will be flash, when released it the green LED will be off. When pressed and hold on 2 seconds will be become into binding mode.

VR function: VR1 function: gyro sensitivity adjustment, only can use on the gyro which had built-in receiver.

SW Functions:
SW1: Turn on or off the built-in brushed ESC in the receiver. When SW1 with ON statue should be turn on brushed ESC in the receiver, so you can plug the brushed motor to receiver, when the throttle stick stay in lower point 1 seconds should be disarm the throttle cutoff locked statue; when SW1 with OFF statue should be turn off the brushed ESC in the receiver, so you can plug the brushless motor to receiver. Please be sure to finished the SW1 setting before turn the transmitter.

SW2: Setting gyro direction or exchange aileron and direction channel of the receiver. When you used to exchange aileron and direction channel, please refer to the instructions of Mi-LSM2400'si

SW3&SW4: Address switch.

SW3-OFF, SW4-OFF: Address 0.
SW3-OFF, SW4-ON: Address 1
SW3-ON, SW4-OFF: Address 2
SW3-ON, SW4-ON: Address 3

Used for select the receiver or receiver information memory location, at flight mode the two switch will be used for select RF_MFX600_X (F / J / H) to control which receiver. at binding mode the two switch will be used for the memory location of the bind receiver.

SW5: "Mul-CH" function switch.

Double-color LED Status Description:
1. When power on the green LED become OFF, the red LED quickly flashing, that's means some hardware was damaged .
2. When power on the green power LED and red LED flash alternately, that's means the address of SW3&SW4 was didn't save the bound data.
   You can press Bind SW to get out this state and directly access into binding mode.
3. Green LED off, red LED in middle flashing, that's means the modules systems accessed into the binding mode,(when bind successfully the green LED with 1 seconds flashing then directly access into flight mode)
4. The green LED off, Red LED slowly flashing, that's means the RF_MFX600_X (F / J / H) in flight mode.

Port Function introduction:
COM1: Use for external expanding.
COM2: Use for output incoming PPM signal (for transmitter outside of FUTABA and JR, for the details please refer to "How to use RF_MFX600_X (F / J / H) to Spektrum's transmitter);
COM3: Use for connect to others equipments...

How to Bind.
1. Install one cell Nipo-battery to receiver.
2. About 5 seconds (if the receiver has never been bound operation, when power on will be directly access into the binding mode), Note that the LED on the receiver should be flashing,Indicating that the receiver is ready to bind.
3. Turn on the transmitter, press the Bind SW on the RF_MFX600_X (F / J / H), then the green LED should be flashing. After about 2 seconds, the red LED should be become slowly flashing. Released the Bind SW, then the green LED should be OFF, indicating that the RF_MFX600_X (F / J / H) is access into the binding mode.
4. About 1 seconds, the LED on the receiver should be become two times flashing to one time flashing. The LED on the RF_MFX600_X (F / J / H) should be become to slowly flashing. Indicating that binding operation is successfully and access into the flight mode.

Note: be sure before binding operation confirm the SW3&SW4 setting, because SW3&SW4 determines that the storage location of the bound informations.

'Mul-CH" function:

"Mul-CH" is the communication protocol which designed for easy to connect receiver to servo, two-way ESC and other equipments This communication protocol in not only safety, can external expanding the number of channels and reduce the weight and dimension.

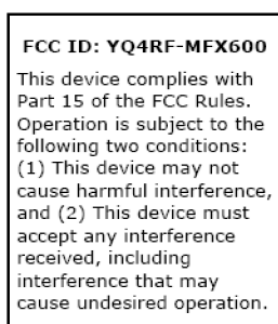With this communication protocol products is the best choice for you.

FCC STATEMENT

1. 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.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

> FCC ID: YQ4RF-MFX600
>
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NOTE: 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 in accordance with 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 can be determined 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 on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

3. FCC Radiation Exposure Statement:

   This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, Human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.