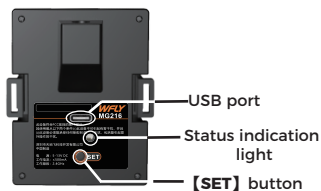


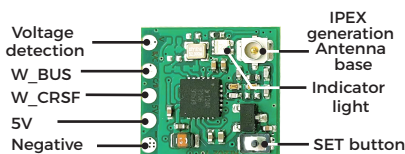
MG216 RF Module Quick Guide

I. Names of each parts

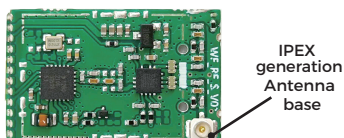
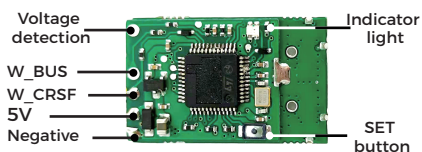
1. RF Module



2. RG202 Mini Receiver:



3. RG202 Pro receiver



II. Indicator status

1. RF module

Mode	Color	Status	Function
CRSF	Green	Always on	Connected receiver
S.BUS	Blue		Connected receiver
PPM	Purple		Connected receiver
Warn	Yellow	Flashes	Receiver not nonnected
	Red		Battery power<6.8v
		Always on	No transmitter data received
Link	Yellow	Flashes	Linking

2.Receiver

Mode	Color	Status	Function
Link mode	Yellow	Flashes	Linking
	Green	Always on	Finish
Transmission mode	Red	Always on	No transmitter data received
Warn		Flashes	Voltage<3.7v

3. LED state

Operation	Function	Mode	Indicator status
Short press	Switch function	RF Module	Blue light always on
		Receiver	Green light always on
Long press	Confirm	RF module upgrade	Blue light flashes
		Receiver upgrade	Green light flashes

III. Link

1. RF module

(1) Method 1 [SET key linking]

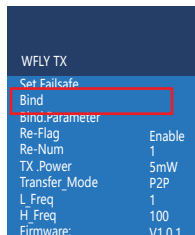
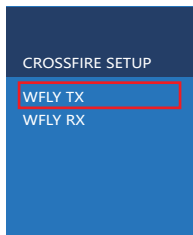
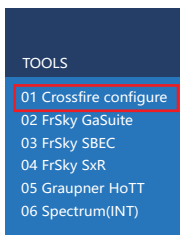
When the RF module does not receive data from the receiver (indicator status: yellow, blue, or purple light is always on), long press the [SET] button to enter the linking status, and the indicator status: the yellow light flashes.

(2) Method 2 [Menu linking]

Open TX system

[MODEL SETUP] - **[External RF]** - **[Mode]** When the protocol is set to CRSF, the function setting will be displayed. Long press the transmitter **[SYS]** key to enter the **[TOOLS]** - **[Crossfire configure]** - **[WFLY TX]** function interface.

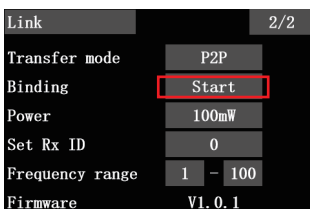
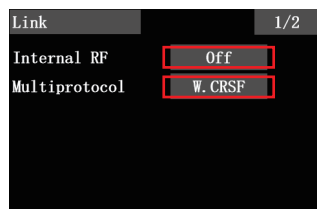
In the WFLY TX interface, press the **[Bind]** key to check the code.



WFLY ET16/S

Function path: **[Linkage setting]** - **[Bind]**

- ① The built-in module is set to **[Disabled]**
- ② Set the external module to **[W.CRSF]**
- ③ Click **[Start]** to check the code.



2. Receiver

(1) Linking mode within 0.13 seconds after power-on

Note: The RF module status needs to be in the linking mode.

(2) Long press the **[SET]** key to enter the link state, the indicator light state: the yellow light flashes.

Note: After the code is successfully link, if you need to enter the link again, the receiver needs to be powered on again. Long press **[SET]** key to exit the linking mode.

IV. Telemetry interface

When the module is connected to the receiver normally, long press the **[MDL]** key to jump to the **[TELEMETRY]** telemetry interface.

V. Technical parameters

Product model: MG216
Supplier: ET16 ET16S Open TX
(Includes JR slo)
Frequency band: 2.4GHz
working frequency: 2.400-2.483 GHz
Modulated emission: LoRa
Adjustable position: Power adjustable
Transmit power: 20dBm
Flying range: >3km (No interference,
open area)
High refresh rate: 200/135Hz
Delay: 5ms (CRSF)
Set interface: Support LUA script
(OpenTX)

Transmission channel: 16
Antenna type: External single antenna
Antenna interface: Internal thread inner hole
Antenna gain: 3dbi
Power supply range: 3.5-13V
Power consumption: 0.36W
Online upgrade: Support
Weight: 45.0g (including antenna)
Product dimensions: 65mm*53mm*22mm
Installation slot size: 60mm*45mm*19.5mm
Signal input: CRSF, S.BUS, PPM
Wireless protocol: Third Generation



Scan the code to
download the details

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