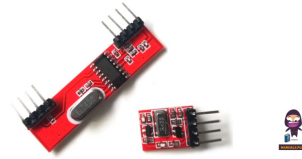


**Receiver output based on the button press**



## robu M1A Receiver Module Instructions

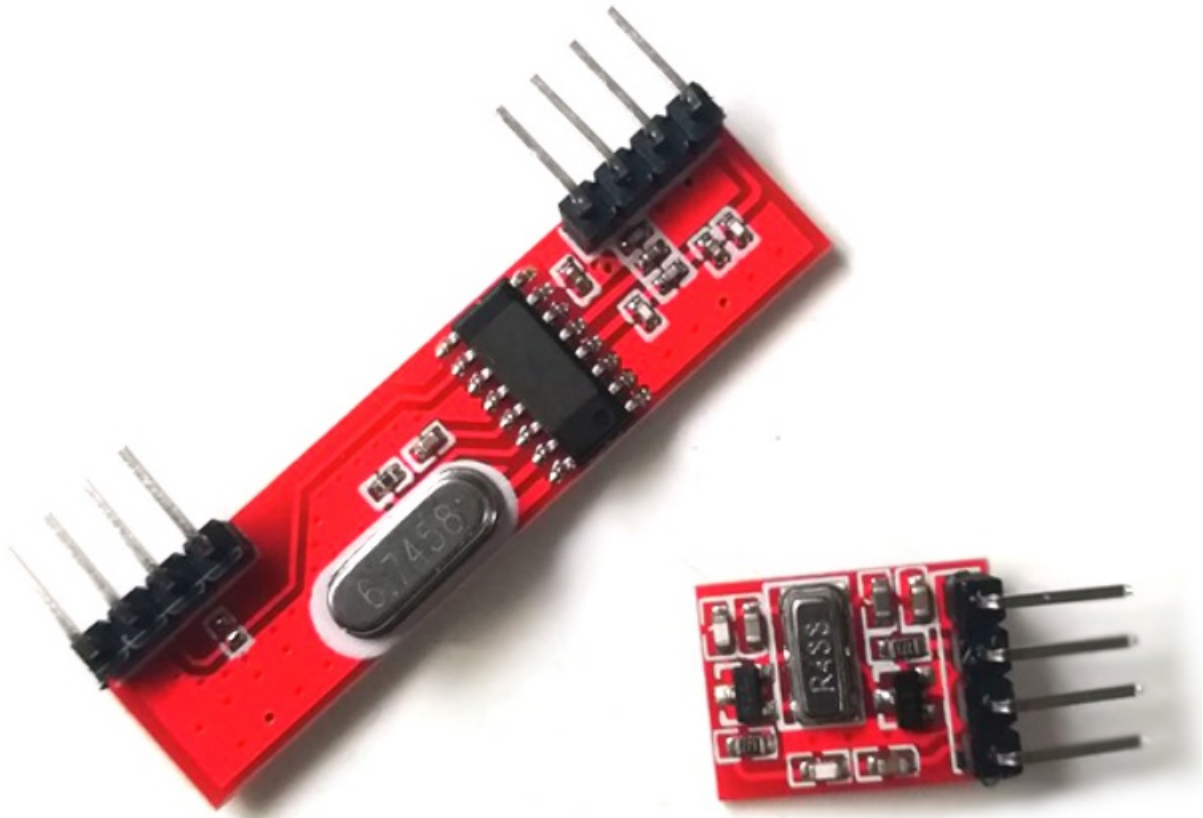
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# robu

**robu M1A Receiver Module**



## Product Specifications

### • Transmitter Module:

- **Buttons:** 1 to 4
- Status LED
- Power Switch
- Power LED
- Buttons: 5 to 8
- Status LED is always on indicating communication with the receiver.

### • Receiver Module:

- Power Switch
- GND (-) VIN(+) connections
- Power LED
- Status LED
- Motor Outputs: M1A, M1B, M2A, M2B, M3A, M3B, M4A, M4B
- Operating Voltage: 5V to 12V
- Output Current: 1.2A continuous (2A peak) per motor

## Product Usage Instructions

### Transmitter Module

1. Ensure the power switch is off before use.
2. Press buttons 1 to 4 to control the transmitter functions.
3. Status LED indicates the current status of the transmitter.

- Buttons 5 to 8 may have additional functions, refer to the manual for details.

## Receiver Module

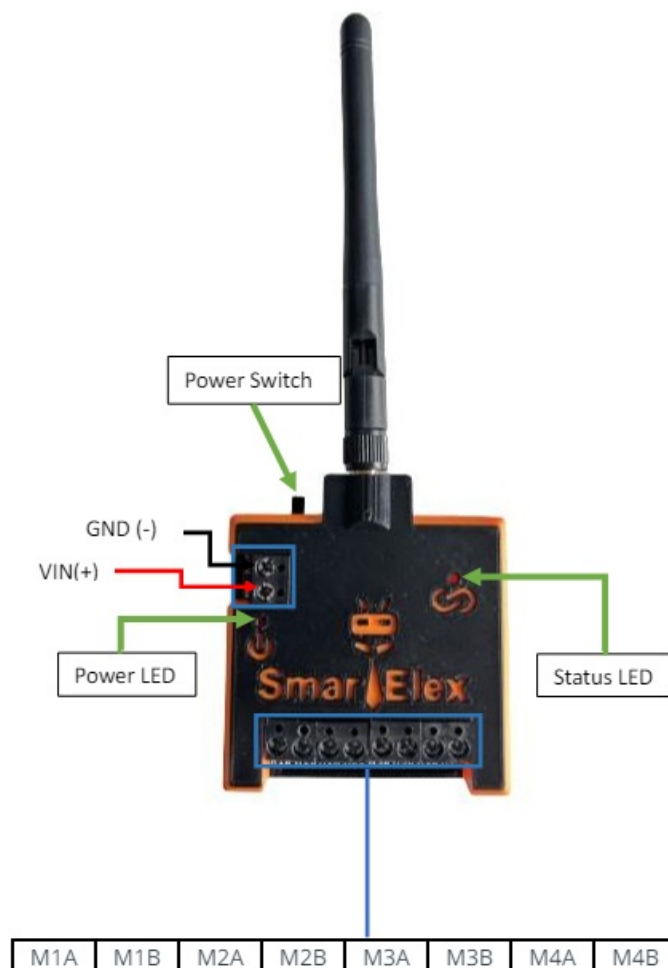
1. Connect GND and VIN connections properly before powering on.
2. Switch on the power and observe the power LED.
3. Status LED confirms communication with the transmitter.
4. Use motor outputs M1A, M1B, etc., as per your application needs.

## Transmitter Module



Status LED is always on indicating the transmitter and receiver are communicating with each other

## Receiver Module



- **Operating voltage:** 5 V to 12 V.
- **Output current:** 1.2 A continuous (2 A peak) per motor

The receiver output is based on the button press.

Button	M1A	M1B
B1	1	0
B2	0	1

Button	M2A	M2B
B3	0	1
B4	1	0

Button	M3A	M3B
B5	1	0
B6	0	1


Button	M4A	M4B
B7	0	1
B8	1	0

## Frequently Asked Questions

- **Q: What is the operating voltage range for the receiver module?**
  - A: The receiver module operates within a voltage range of 5V to 12V.

- **Q: How much current can each motor output handle?**
  - A: Each motor output of the receiver module can handle 1.2A continuously and up to 2A peak current.

## Documents / Resources

	<p><a href="#">robu M1A Receiver Module</a> [pdf] Instructions M1A, M1A Receiver Module, Receiver Module, Module</p>
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## References

- [User Manual](#)

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