

# M2(300) wireless microphone specifications and operating instructions

## Specification parameters

|                             |                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------|
| Transmission Protocol       | 2.4G                                                                                 |
| Transmission distance       | ≥50M                                                                                 |
| One-two                     | Support                                                                              |
| Headphone monitoring        | Support                                                                              |
| Noise Cancellation          | Support                                                                              |
| Reverberation               | Support                                                                              |
| Sound Delay                 | ≤25ms(18-22ms)                                                                       |
| Microphone                  | -34±2DB All Pointers                                                                 |
| Frequency Response          | 20Hz-20KHz                                                                           |
| Sample Rate                 | 44.1KHz (Noise reduction to 32KHz)                                                   |
| Signal to Noise Ratio       | ≥90dB                                                                                |
| Operating Current           | ≤45mA                                                                                |
| Shutdown Current            | ≤20uA                                                                                |
| Idle microphone endurance   | 16H                                                                                  |
| Microphone simultaneous use | With a charging compartment with a maximum range of more than 56 hours               |
| Microphone Battery          | 400MAH                                                                               |
| Charging Bin Input Voltage  | DC4.5-5.2V(Fast charging adapter supported)                                          |
| Adapter                     | 5V/1A                                                                                |
| Operating Temperature       | -10°C-50°C                                                                           |
| Size (cm)                   | Transmitter: 48 × 42 × 11mm receiver: 48 × 42 × 11mm charging bin: 104 × 60.5 × 61mm |
| Weight                      | Transmitter: 23g Receiver: 23g Charging compartment.                                 |

## Operating Instructions

### Transmitter

| Status          | Key                                                                                              | LED Status                                   | Note                                                                                     |
|-----------------|--------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------|
| On              | Press and hold the power button for 1.5 seconds to power on                                      | Slow flashing connection light               |                                                                                          |
| Off             | Press and hold the power button for 1.5 seconds to turn off                                      | All lights off                               |                                                                                          |
| Not Connected   |                                                                                                  | Connection light blinks slowly               |                                                                                          |
| Connected       |                                                                                                  | Connection light is always on                |                                                                                          |
| Noise Reduction | Click the noise reduction key to cycle through the noise reduction levels (default three levels) | Noise reduction corresponding level light on | With memory function, reboot will remember the settings before the last shutdown         |
| Reverb          | Click the reverb key to turn on/off reverb (default off)                                         | Reverb light on                              |                                                                                          |
| Mute            | Click the Mute key to turn on/off the reverb (default off)                                       | Mute light is on                             |                                                                                          |
| Charging        |                                                                                                  | Green light always on                        |                                                                                          |
| Fully charged   |                                                                                                  | Green light off                              |                                                                                          |
| Low charge      |                                                                                                  | Green light flashing fast                    | *Below 3.4V into low power mode<br>Below 3.2V shutdown<br>Below 3.2V unable to power on* |

### Receiver

|               | Key                                                                 | LED Status                                  | Note                                                                                     |
|---------------|---------------------------------------------------------------------|---------------------------------------------|------------------------------------------------------------------------------------------|
| Power on      | Press and hold the power button for 1.5 seconds to power on         | Two connection lights slow flashing         |                                                                                          |
| Shutdown      | Press and hold the power button for 1.5 seconds to turn off         | All lights off                              |                                                                                          |
| Not Connected |                                                                     | Two connection lights flashing slowly       |                                                                                          |
| Connected     |                                                                     | Corresponding connection light is always on |                                                                                          |
| Bluetooth     | Click the power button to turn on/off Bluetooth (off by default)    | Bluetooth indicator light on                |                                                                                          |
| Flashing      | Double-click the power button to turn on/off dodge (off by default) | Flashing light is on                        |                                                                                          |
| Charging      |                                                                     | Green light always on                       |                                                                                          |
| Fully charged |                                                                     | Green light off                             |                                                                                          |
| Low charge    |                                                                     | Green light flashing fast                   | *Below 3.4V into low power mode<br>Below 3.2V shutdown<br>Below 3.2V unable to power on* |

### Re-pairing

Power on: receiver triple-click power button / transmitter triple-click power button

FCC Warning:

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.