# MBZ221USER MANUAL

Maifar  Technology

| Modification | | | |
|---|---|---|---|
| Date | Version | By | Description |
| 2022-10-08 | V1.0 | Symbol/Lucy | First Launch Version |

# 1.Parameters

Working voltage: 3.7V (supports 2600mAh rechargeable lithium battery)
Dynamic current: with light off< 200mA;  with light on < 600 mA
Static current: 20uA
Product size: Φ150× 32.5mm (excluding lampshade)
Speaker: 40mm diameter
Speaker specification: 4 ω 3 W
Adapter Input: AC 100 to 240V < 50/60 Hz
Adapter Output:  DC 5V, 1A

# 2.Features

1. Smart white noise sound machine with night light, Tuya solution, tuya wifi module WBR3 built in

2. With 29soothing music built in device (Brahms Lullaby_Sound、Rrock-a-Bye-Baby_Sound、Hush Little Baby_Sound、Twinkle Twinkle Little Star_Sound、 Mozart - Minuet_Sound、Beethoven - Für Elise_Sound、 Mozart - Sonata_Sound、 Good Mornin_Sound、Magic Lullaby_Sound、Bach - Prelude_Sound、Happy Piano_Sound、Playing Together_Sound、Puppies Playing_Sound、Cartoon Background_Sound、Cute_Sound、Puzzle_Sound、Pizzicato_Sound、White_noise、Pink_noise、Brown_noise 、Aircraft_cabin_sound 、Train_carriage_sound 、Birds_sound 、Crickets_sound 、Frogs_sound、Rain_Sound、Thunderstorm_sound、Water Stream_Sound、Ocean_waves_sound)

3. Support audio

4. Night light & environmental atmosphere color light

5. Ac adapter power supply;

6.Touch control to adjust the brightness of light and change light color

7. Support for custom scene mode

# 3.App Defininition

App control to turn on/off music

App control to quick switch between the music sources

App control to turn on/off light

App control to change light color

App control to change the brightness of light

App control to adjust the volume

App control to switch temperature system C/F

Time system 12/24 switching is supported

# 4.Buttons

### i.  On/off button：

Long press 3s to turn off the device

### ii.  RESET 键：

Short press device to reset

### iii.  Play/Pause button:

Press to stop/play music

### iv.  Time/temperature display:

① Time/Tem display

② Low battery display: LO

③ Network Pairing indication: ON

### v.  Volume Button

Short press to increase the volume, long press to increase the volume quickly

Short press to reduce the volume, long press to reduce the volume quickly

'A total of 32 gears, volume 45db to 90db, 5db each gear'

vi.    **Music Button(previous/next song) :**

Press to switch to the previous song

Press to switch to the next song

vii.    **Button C：**

C    Short press to switch light mode (Night Light, Red, Green, Blue, Yellow, Green, Purple, Breath Effect, Colorful gradient, Off);    Long press to turn off the light.

viii.    **Brightness Button**

Press to increase the light brightness, long press to increase the light brightness quickly

Press to reduce the light brightness, long press to reduce the light brightness quickly

**NOTE: When the device body light is off, press the two buttons to adjust the brightness of the time display backlight**

ix.    **LOGO Button：**

babysense™    Short press to switch to a custom scenario, and long press to Start/Standby

x.    **Network Pairing：**

▶ll    C    Press the two buttons for 3 seconds to enter into the network pairing mode

# 5.Others

## 1) Interface definition:

TYPE-C Cable: Charging purpose, lower 1A current, need to do 2-3A current protection

Standard 3.5 Audio interface:   output high fidelity voice output

## 2) Battery definition

t uses 2600 battery, and uses USB1A charger for power supply

## 3) Indicator light definition

**When device turned on**

   Charge (red light) - Low battery power

    Charge (green) - The battery is fully charged

**Wdevice turned off**

   Charge (red light) - Low battery power

  Charge (green) - The battery is fully charged

FCC Caution.

§ 15.19 Labelling requirements.

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

§ 15.105 Information to the user.

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.


RF warning for Mobile device:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.