

GODOX设计文件图注

项目类型	说明书	版本	A
项目名称	WH-M1 无线手持麦克风发射器		
产品料号			
尺寸(mm)	75x150mm		
尺寸公差	±2mm		
材质			
工艺说明	骑马钉		
备注/色值	105g铜版纸 正反印刷,单色		
设计师	赖慧怡	校对	赖慧怡



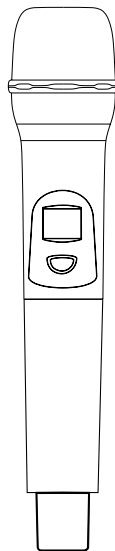


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# WH-M1

Wireless Handheld Microphone Transmitter



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Instruction Manual

# 前言

欢迎使用神牛UHF无线手持麦克风发射器WH-M1，本产品设有易于阅读的液晶显示屏，美观便捷的内置天线和晶体控制锁环合成器，具备噪音抑制功能及锁定功能。

WH-M1非常适用于摄影录制，现场采访及语音录制等场合。请仔细阅读本说明书，以便能正确的操作，发挥本产品的优越性能。

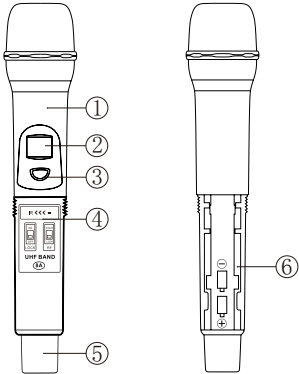
# 产品特点

- ① UHF频率范围：514MHz-596MHz，96个无线频道可随意切换，互不干扰
- ② 广播级音质，清晰稳定
- ③ 无线距离最大可达80m
- ④ OLED显示屏提供各项参数设置
- ⑤ 输出音量控制，提供静音功能
- ⑥ 发射功率可调节
- ⑦ 提供出色的噪音抑制处理

# 警告

- ⚠ 请勿私自拆卸产品，如产品出现故障须由本公司或授权的维修人员进行检查维修。
- ⚠ 请保持干燥：请勿用湿手接触产品，亦不可将产品浸入水中或暴露于雨中。
- ⚠ 请勿让儿童接触本产品。
- ⚠ 请勿在易燃易爆环境中使用。在这些场合下，请注意相关警告标识。
- ⚠ 请勿放置在超过40度的高温环境中。
- ⚠ 若发生任何故障，请立即关闭电源。
- ⚠ 使用电池的注意事项：
  - 只能使用本手册中列出的电池。请勿混用新旧电池或不同类型的电池。
  - 请仔细阅读并遵守由厂商提供的警告或指示。
  - 切勿使电池短路或拆卸电池。
  - 切勿将电池投入火中或加热升温。
  - 切勿试图以反方向安装电池。
  - 当电量用尽时，电池容易漏液。所以为了避免产品受损，请在长期使用本产品或电量用尽时取出电池。
  - 如果受损电池中的液体接触到皮肤或衣服，请立即用大量清水冲洗。

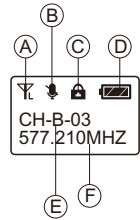
# 产品结构



## ①机身

采用人体工学设计

## ②液晶屏



### A. RF发射功率指示图标

指示当前的传输功率级别:H为高功率,L为低功率

### B. 静音图标

🔇 静音模式关闭 🔊 静音模式开启

### C. 锁定图标

🔒 锁定设置和锁定关机

### D. 电池电量指示条

显示电池电量，当电池图标闪烁时请尽快更换电池

### E. 组别和频道

此OLED显示屏指示当前所处的组别和通道为：B-03

### F. 频率

指示当前频率

## GRP/CH设置：

1. 进入设置模式前，将Lock按键拨至OFF；
2. 双击电源键进入设置界面：出现跳闪后，可以单击或长按进行设置GRP，双击则切换设置CH，再次双击电源键即可退出设置。
  - 组别GRP：有A/B两组可选。
  - 频道CH：A/B两组各有01-48个频道可选。

注：进入设置时，如果15秒不操作则自动回到主屏幕

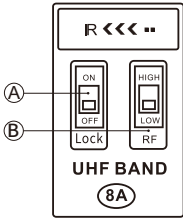
③电源/静音键

电源：长按2秒开/关机。

静音：使用时，短按该按键，将开启静音模式，再按一次关闭静音模式。

(注意：静音时，不会输出音频信号，但仍会传输射频信号。)

④操作面板



A. Lock锁定开关按键

拨动按键至ON，可防止使用麦克风时错误操作。  
(注意：锁定开关不会锁定静音功能)

B. RF功率按键

将射频功率设置为HIGH或LOW。

锁定开关设置：

拨到ON时，此时设备处于锁定状态,无法进行设置，无法关机。

拨到OFF时，设备解除锁定，可以进行设置组别和频道，可以关机。

RF功率设置：

拨到HIGH高功率，拨到LOW低功率。

⑤天线

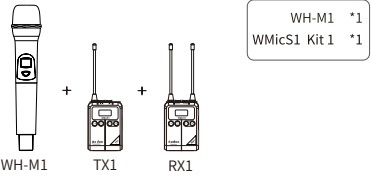
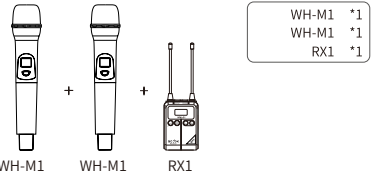
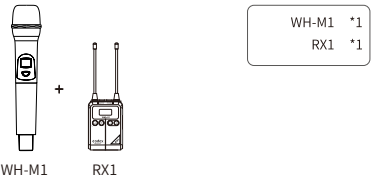
⑥电池仓

本产品使用两节AA电池( 电池需自行购买 ) 操作。

使用说明

WH-M1作为神牛的一款UHF无线产品，可与其它同类型无线产品搭配使用。

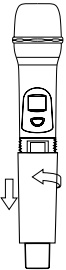
WH-M1与神牛UHF无线麦克风系统WMicS1组合使用示例：




使用时，请将WH-M1和接收器RX1设置相同的GRP和CH。

接收器设置请查收UHF无线麦克风系统WMicS1说明书。

操作步骤



1. 按箭头方向转动并向下拉动手柄，在电池槽内插入新的两节AA电池(电池需自行购买)；
2. 按电源键打开WH-M1；
3. 将锁定开关设置为ON或OFF；
4. 将RF功率设置为HIGH或LOW；
5. 打开接收器与WH-M1设置相同的组别和频道；
6. 顺时针方向合上手柄；
7. 现在可以开始使用了。

## 规格参数

型号	WH-M1
频道组	A/B
频道数	96 (A组48 B组48)
RF频率范围	514MHz-596MHz
振荡器类型	晶体控制锁相环合成器
音频频率范围	40Hz-18KHz
声音延迟	12ms
天线	1/4λ
电池	两节AA(5号)电池
工作温度范围	0°C-40°C
储存温度范围	-10°C-40°C
信噪比	> 70dB
失真	≤0.5%
尺寸	260x55x55mm
重量	345g (不含电池)

## 故障排除

- 1.如不能接收到音频信号，请检查电池是否正确安装以及是否打开发射器电源;发射器是否设置在同一组别和频道；耳机是否已正确牢固连接到位；功能模式是否设置正确。
- 2.检查发射器是否设置的静音。
- 3.如您的发射器受到他人干扰，改变发射器和接收器的频道设置即可。
- 4.如您发现发射音频距离有限或者有漏发现象,请检查是否电池耗尽，请尝试更换电池。

## 维护保养

**避免跌落：**如果受到强烈碰撞或振动,设备可能会发生故障。

**保持干燥：**本产品是非防水产品，如果将其浸入水中或放置于高温度的环境中将可能发生故障。内部构造生锈可能会导致无法修理的损害。

**避免温度骤变：**温度的突变，诸如在寒冷天进出温暖的大楼将可能会使产品内部结露。为避免结露，请将产品事先装入手提袋或塑料包内，以防温度突变。

**远离强磁场：**无线电广播发射机等设备产生的强静电或强磁场可能会干扰本产品正常工作。经发现擅自检修此产品，将取消一年保修期，维修需要收取相关费用。

如果本品出现故障或者被水淋湿，在专业人员维修后方可继续使用。如有技术更改，恕不另行通知。

## Preface

Thank you for choosing Godox UHF Wireless Handheld WH-M1 Transmitter. It features a readable OLED screen, a beautifully and conveniently built-in antenna and PLL synthesizer, and also functions with noise suppression and locking function.

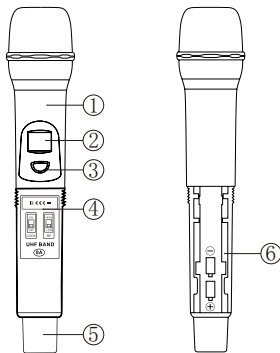
## Product Featuresh

- ① UHF frequency range: 514MHz-596MHz, 96 selectable channels without interference
- ② Broadcast quality sound, clear and stable
- ③ Wireless transmission range up to 80m
- ④ OLED display with parameter settings
- ⑤ Output volume control with mute function
- ⑥ Adjustable RF power
- ⑦ Excellent noise reduction

## Warning

- ⚠ Do not disassemble. Should repairs become necessary,this product must be sent to an authorized maintenance center.
- ⚠ Always keep this product dry. Do not use in rain or in damp conditions.
- ⚠ Keep out of reach of children.
- ⚠ Do not use the flash unit in the presence of flammable gas.In certain circumstance, please pay attention to the relevant warnings.
- ⚠ Do not leave or store the product if the ambient temperature reads over 40°C.
- ⚠ Turn off the flash trigger immediately in the event of malfunction.
- ⚠ Observe precautions when handling batteries
  - Use only batteries listed in this manual. Do not use old andnew batteries or batteries of different types at the same time.
  - Read and follow all warnings and instructions provided by the manufacturer.
  - Batteries cannot be short-circuited or disassembled.
  - Do not put batteries into a fire or apply direct heat to them.
  - Do not attempt to insert batteries upside down or backwards.
  - Batteries are prone to leakage when fully discharged. To avoid damage to the product, be sure to remove batteries when the product is not used for a long time or when batteries run out of charge.
  - Should liquid from the batteries come into contact with skin or clothing, rinse immediately with fresh water.

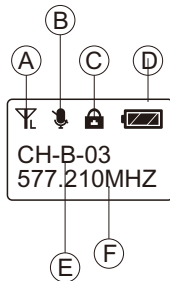
# Product Structure



## ① Body Construction

Ergonomic design

## ② OLED Screen



### A. RF Frequency Indicator

Indicating current power levels:

H for high power, L for low power.

### B. Mute Indicator

🔇 Mute is off

🔇 Mute is on

### C. Lock Icon

Settings and power function are locked.

### D. Battery Level Indicator

Showing battery level.

When the battery's icon flickers, please change the battery soon.

### E. Group & Channel

The OLED screen indicates the device is connected to Group B, Channel 3.

### F. Frequency

Indicating current frequency.

## GRP/CH Settings:

1. Switch LOCK button to OFF before entering the Settings.

2. Double press the power button to enter the Settings. When the screen begins to flicker, press the button or long press it to set the GRP, or double press it to set the CH.

Then double press the button again to exit the Settings.

-GRP Group: A/B groups for selection.

-CH Channel: 1-48 selectable channels for A/B groups.

Note: When entering the Settings, it will automatically return to the home screen if no operation is applied within 15 seconds.

## ③ Power/Mute Button

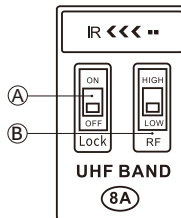
Power : Long press the button for two seconds to power it on/off.

Mute : Press the button to enter or exit silent mode.

(Note: When muted, the audio signals will not be outputted.

But the RF signal will still be transmitted)

## ④ Operating Panel



### A. Lock Button

When Lock is ON, the device will be locked. It will prevent misoperation when using the microphone.

### B. RF Power Button

Set the RF Power to HIGH/ LOW.

## Lock Button Settings:

When Lock is ON, the device is locked and the settings cannot be changed, and it can not be powered off.

When Lock is OFF, the device is unlocked and GRP/CH can be resetted, and it can be powered off.

## RF Power Settings:

Switch HIGH for high power,

and switch LOW for low power.

## ⑤ Antenna

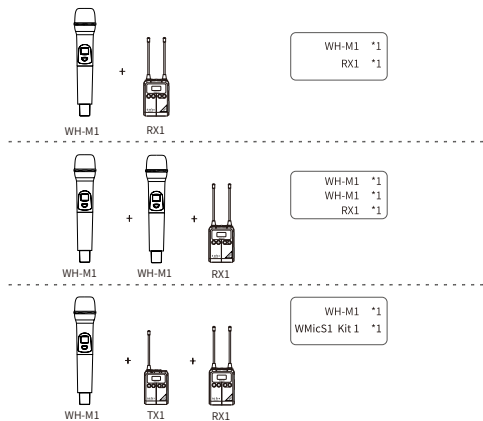
## ⑥Battery Compartment

The device is charged by two AA batteries  
(need to be purchased separately).

## Instructions

Godox WH-M1 UHF Wireless Handheld Microphone can also be collocated with other wireless products.

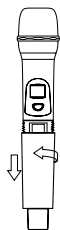
For example, it can be collocated with Godox WMicS1 UHF Wireless Microphone System to set up new combinations:




When using, please set the WH-M1 and receiver RX1 into same GRP and CH frequency.

As for how to set up the receiver, please refer to UHF wireless system WMicS1 user manual.

## Operation Guide



1. Rotate the handle in the direction of the arrow as shown in the picture, then pull the handle to open the battery compartment. And install two AA batteries. (need to be purchased separately)
2. Press the Power Button  to turn on the WH-M1;
3. Set the RF power to HIGH or LOW;
4. Set the lock switch to ON or OFF;
5. Turn on Receiver and WH-M1 Handheld Microphone Transmitter and set them on the same group and channel;
6. Close the grip in the direction of clockwise;
7. Start to use WH-M1.

## Specification

Model	WH-M1
Group	A/B
Channels	96 (Group A 48; Group B 48)
Frequency Range	514MHz-596MHz
Oscillator Type	PLL Synthesized Control Oscillator
Frequency Response	40Hz-18KHz
Voice Delay	12ms
Antenna	1/4λ
Power Supply	Two AA sizes batteries
Operating Temperature	0°C-40°C
Storage Temperature	-10°C-40°C
Signal To Noise Ratio	> 70dB
Distortion	≤ 0.5%
Dimensions	260x55x55mm
Weight	345g (Battery is not contained)

## Troubleshooting

Unable to receive audio signal. Make sure batteries are installed correctly and Power Switch is turned on. Check if the transmitter and the receiver are set to the same channel, if the microphone or earphone is well connected, or if the devices are set to the correct mode.

Check if the transmitter is set to silent mode or not.

Signal disturbance or shooting interference. Change a different channel of the transmitter and receiver.

Operating audio distance limited or signal missing. Check if batteries are exhausted. If so, replace them.

## Maintenance

Avoid sudden drops. The device may fail to work after strong shocks, impacts, or excess stress. Keep dry.

The product isn't water-proof. Malfunction, rust, and corrosion may occur and go beyond repair if soaked in water or exposed to high humidity.

Avoid sudden temperature changes. Condensation happens if sudden temperature changes such as the circumstance when taking the product out of a building with higher temperature to outside in winter.

Please put the product in a handbag or plastic bag beforehand.

Keep away from strong magnetic field. The strong static or magnetic field produced by devices such as radio transmitters leads to malfunction.

Changes made to the specifications or designs may not be reflected in this manual.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's 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 device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

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. The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction