



PROFESSIONAL AUDIO EQUIPMENT

# CVM-WM100 PLUS

UHF 1-Trigger-2 Wireless Microphone



## User Manual



## Foreword

Thanks for purchasing COMICA WM100 Plus wireless microphone;

WM100 Plus is a wireless microphone with dual-transmitter triggered by one receiver, with two AA batteries. It utilizes UHF wireless FM technology and LCD high-resolution lattice screen, 16-level adjustable volume, and is integrated into LCF(Low cut filter) , Auto IR Channel-match, Stereo / Mono switchable audio mode, RF signal strength adjustment, MIC/LINE IN input dual selection, Power monitoring at receiver end, Sound pickup dynamic display, Backlight adjustment and other functions, at the same time with strong shielding anti-noise performance, it's a high-quality microphone to broadcasting level;

To ensure the smooth use and safety of the product, please carefully read this instruction before using and properly assemble and operate.

## Main Features

- . 1-trigger-2, Perfectly Support Two Transmitters and One Receiver Work Simultaneously
- . Working Distance Up to 100m (Open Area 100m, 60m in area with obstacle)
- . M/S Switch, LCF, 16-levels Adjusted Gain Control, Muting Functions
- . AA Batteries and Support External Charging
- . Support Real-time Monitor
- . Volume Dynamic Monitor
- . Adjusted RF Power
- . Lattice LCD Display, High Resolution



1-Trigger-2



48 Channels



100m Working  
Distance



Real-time  
Monitor



Low Cut Filter



16-Levels  
Adjusted Gain Control



Muting Mode



Support  
External Charging



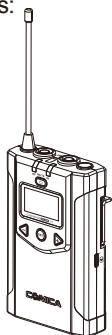
Lattice LCD

## Notice

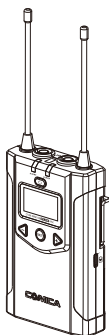
- ⚠ Transmitter should be used more than 10cm from Receiver, when the distance is less than 10cm, Receiver's wireless signal receiving part will take protect action to shut down wireless signal receiving, then audio may be intermittent, which is normal;
- ⚠ When using auto IR sync, please stay within 30cm, otherwise the signal may be so weak that the sync will not be successful;
- ⚠ In the case of stereo/mono mode switch, please preset the mode before using to avoid the transient interference caused by switching during usage;
- ⚠ The antenna will affect the working distance. Please protect the antenna and avoid any man-made damage;
- ⚠ The working distance will be affected by the surrounding environment. Please try to keep the environment open without interference during usage, and close the WIFI of the device itself;
- ⚠ When using this product in a short distance, it is recommended to set RF strength at 'LOW' to reduce the power consumption;
- ⚠ For smartphone shooting, customers must separately purchase a TRS-TRRS audio converting cable, and pay attention to set the mobile phone mode to 'Flight Mode' to avoid incoming call interference (It does not support the partial original recording of android systems, the third-party APP is recommended to be used in this case);
- ⚠ Please keep this product in dry environment;
- ⚠ Do not expose the device in rain or humid environment, otherwise there will be a danger of short circuit;

## Package Contents

### Main Parts:



Lavalier Transmitter (TX)



Receiver (RX)

### Accessories:

- ① 3.5mm Mic Audio Input Cable x 2 pcs
- ② 3.5mm-3.5mm Audio Output Cable x 1 pcs
- ③ 3.5mm-XLR Audio Output Cable x 1 pcs
- ④ Belt Clip x 3pcs
- ⑤ Camera mount x 1 pcs
- ⑥ Wind Muff x 2pcs
- ⑦ USB power input cable x 1 pcs
- ⑧ Portable Bag x 1 pcs
- ⑨ User Manual x 1 pcs
- ⑩ Warranty Card x 1 pcs



①



②



③



④



⑤



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⑦



⑧



⑨

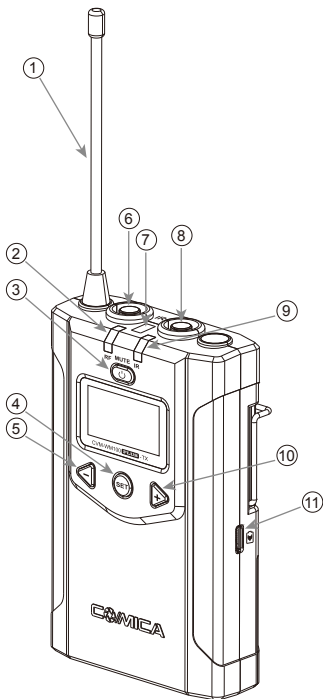
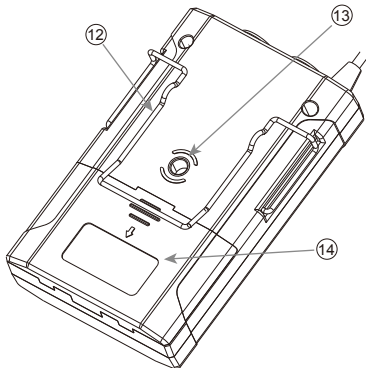


⑩

### Components

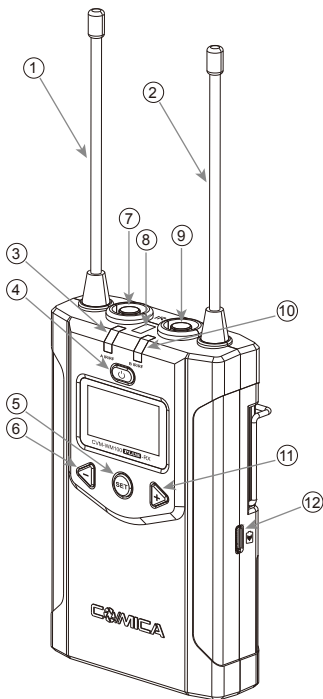
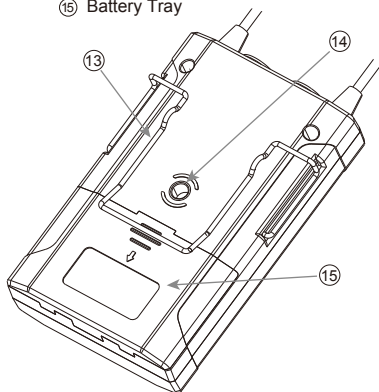
#### Lavalier Transmitter (TX)

- ① Antenna
- ② Working Status Indicator
- ③ On-off / Muting Button
- ④ SET Function Menu
- ⑤ Function Selection Button -
- ⑥ LINE IN External Input
- ⑦ IR Sensor
- ⑧ Mic External Input
- ⑨ IR Status Indicator
- ⑩ Function Selection Button +
- ⑪ Micro USB Port for External Charging
- ⑫ Belt Clip
- ⑬ 1/4 Thread
- ⑭ Battery Tray



## Receiver (RX)

- ① Group A Antenna
- ② Group B Antenna
- ③ Group A Working Status Indicator
- ④ On-Off Button
- ⑤ SET Function Button
- ⑥ Function Selection Button -
- ⑦ 3.5mm Audio Input Jack
- ⑧ IR Sensor
- ⑨ 3.5mm monitoring Jack
- ⑩ Group B Working Status Indicator
- ⑪ Function Selection Button +
- ⑫ Micro USB Port for External Charging
- ⑬ Belt Clip
- ⑭ 1/4 Thread
- ⑮ Battery Tray



## Function Button Instruction

|                                                                                                                                                                                                                     |                                                                                                            |             |                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------|
| Lavalier<br>Transmitter<br>/ Receiver<br><br><br> | Power / Muting Button<br> | Long Press  | Power On / Off                                                                          |
|                                                                                                                                                                                                                     |                                                                                                            | Short Press | Muting Mode<br>(the mute function can be activated only when the screen is lighted up ) |
|                                                                                                                                                                                                                     | SET Function Menu<br>     | Long Press  | Enter the function adjustment menu                                                      |
|                                                                                                                                                                                                                     |                                                                                                            | Short Press | 1.Confirm the selected function<br>2.Exit the function adjustment menu                  |
|                                                                                                                                                                                                                     | + Button<br>              | Short Press | Function Adjustment (+)                                                                 |
|                                                                                                                                                                                                                     | - Button<br>              | Short Press | Function Adjustment (-)                                                                 |



### Low cut function:

Appropriately cut the low frequency part of the sound, reduce the noise of the low frequency part, to make target sound more clean and clear.



### Signal strength high/low switching effect:

With high signal strength, the working distance is up to 60-100m, but high power consumption and short battery life.

With low signal strength, the working distance is up to 30-60m, but low power consumption and long battery life.

## Indicator Light Instruction

|             |         |                      |                                                                                                                                                |
|-------------|---------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Transmitter | RF      | Green Light Keeps On | Normal Recording Status<br>(This state is only for the transmitter, when the channel matches successfully, the receiver can pick up the sound) |
|             |         | Red Light Keeps On   | Muting Mode                                                                                                                                    |
|             |         | Red Light Flicker    | Low-power reminder                                                                                                                             |
|             | IR      | Green Light Keeps On | Channel matches<br>(No matter the channel matches or not)                                                                                      |
|             |         | Red Light Flicker    | Channel in the match...<br>(only for IR Sync)                                                                                                  |
| Receiver    | A IR/RF | Green Light Keeps On | Normal working status after the channel matches                                                                                                |
|             |         | Green Light Flicker  | Channel doesn't match                                                                                                                          |
|             | B IR/RF | Red Light Flicker    | Channel in the match...<br>(only for IR Sync)                                                                                                  |
|             |         |                      | Low-power reminder                                                                                                                             |
|             |         | Red light keeps on   | Group closed                                                                                                                                   |



A IR/RF: Group A Working Status Indicator

B IR/RF: Group B Working Status Indicator

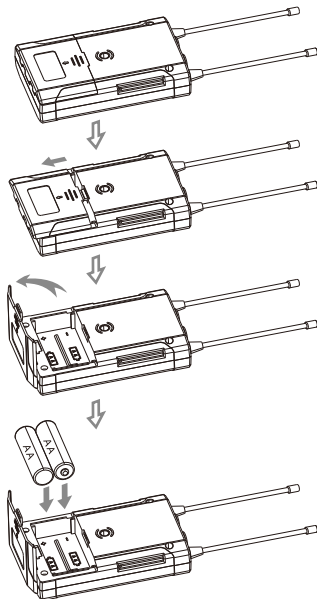
### Preparation Before Usage

(Transmitter Operating Steps same with Receiver)

#### 1. Prepare Power Supply

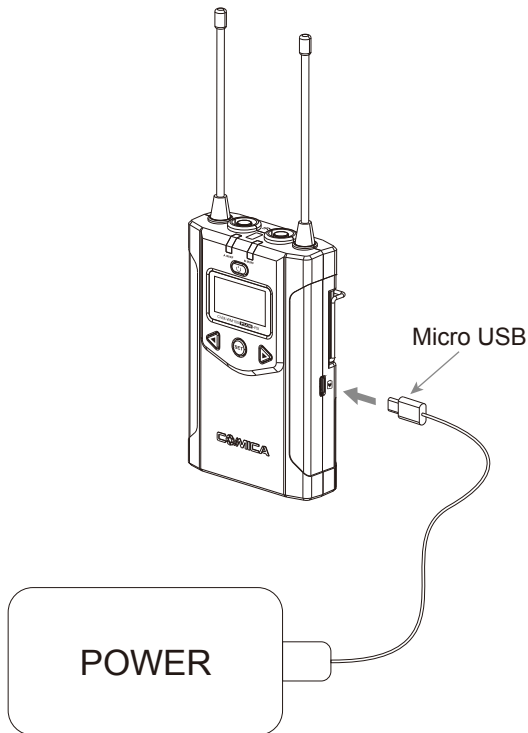
There're two ways of Power Supply, you can optionally choose AA batteries or External charging:

- 1.1 Install two AA batteries into the battery tray according to their positive and negative electrode.



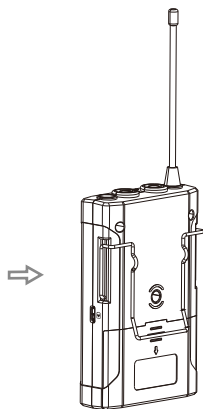
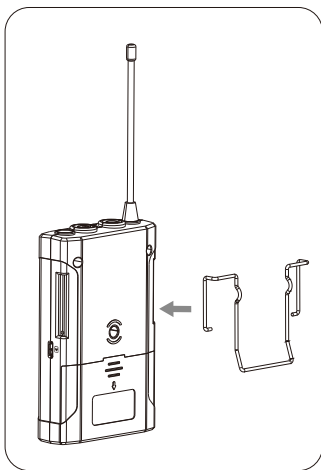
## 1.2 Charging with External Power

Insert micro USB cable to the USB charging port to realize external power charging



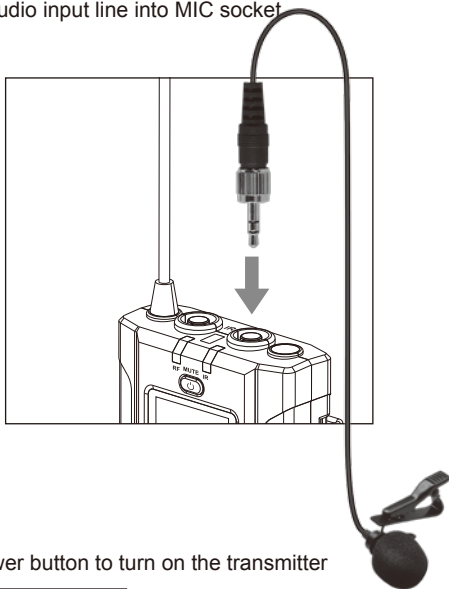
## 2. Belt Clip Installation

Please install the belt clip according to the illustration if you require the way of connection.

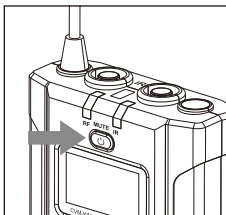


### 3. Lavalier Transmitter Installation

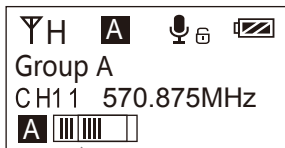
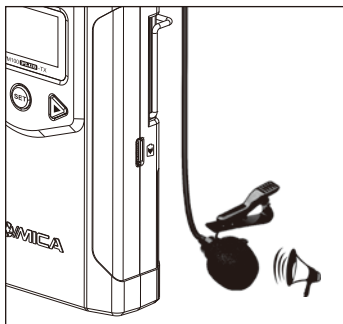
3.1 Insert the 3.5mm audio input line into MIC socket



3.2 Long press the power button to turn on the transmitter



3.3 Target the MIC to the audio source and check the working status according to the volume indicator on the screen



Audio Dynamic Display Bar

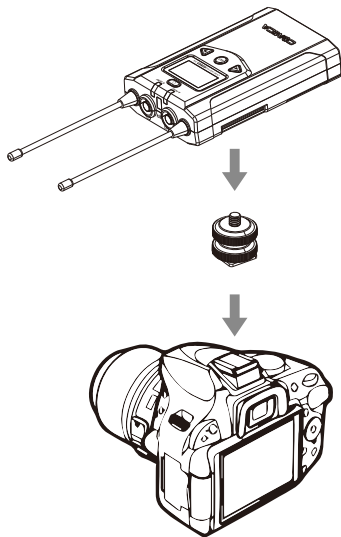
3.4 After the channel matching with the receiver, it can be used



Please refer to screen operation instruction for channel matching.

## 4. Receiver Installation

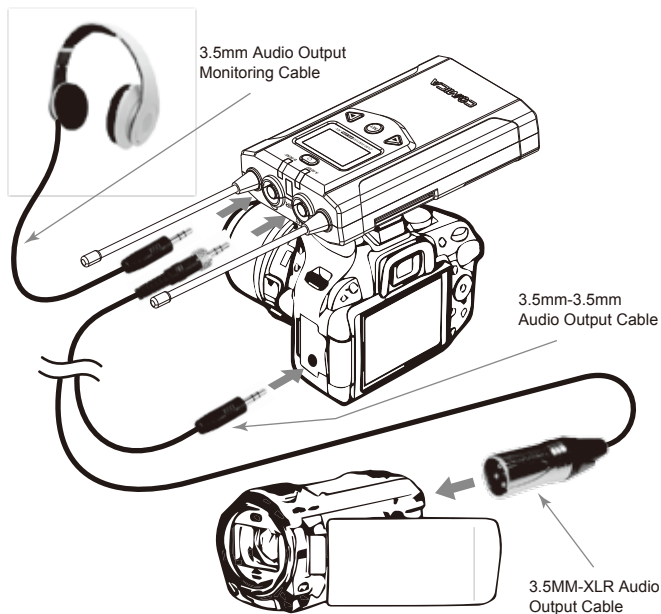
4.1 Connect receiver to your video equipment through the camera mount



4.2 Connect one end of the 3.5mm-3.5mm audio OUTPUT cable to the OUTPUT port of WM200RX and another end to the AUDIO INPUT port of the camera or camcorder. Insert the headphone into the 3.5mm monitoring port for real-time monitoring and then long press power button to turn on the receiver.



Most DSLR cameras has 3.5MM port, if you use the XLR camcorder, you need to use the 3.5mm-XLR audio output cable.



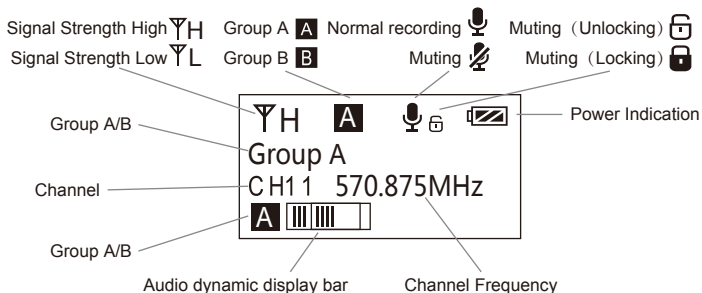
4.3 After the channel matching with the receiver, it can be used

☞ Please refer to screen operation instruction for channel matching.

## Screen Display and Operation Instruction

### Lavalier Transmitter

#### Screen Display Instruction

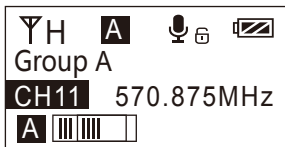


- Mic mode is for Microphone input;
- Line in mode is for external audio input, such as smartphone player;
- Selecting the corresponding input mode will bring you a better audio experience.

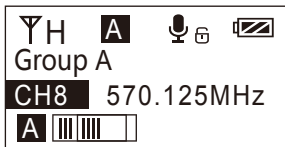
## Operation Instruction

### 1.Manually Adjust the Channel of Transmitter

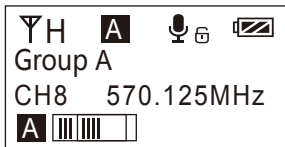
1.1 Long press  button to CH setting display page



1.2 Short press   button to select the channel

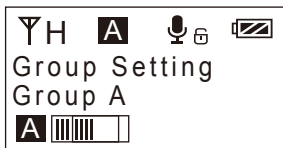


1.3 Short press  button to confirm

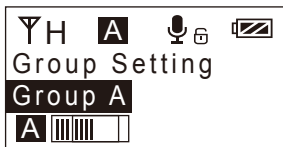


## 2.Group A/B Selection

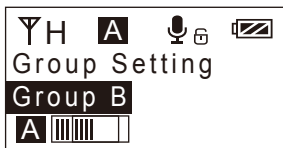
2.1 Press   button to ' Group Setting ' display page



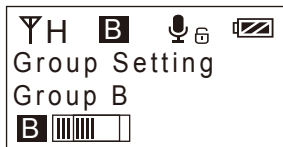
2.2 Long press  button to ' Group Setting ' setting page



2.3 Press   button to select the group



2.4 Short press  button to confirm

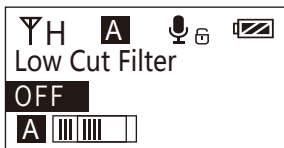


### 3. Low Cut Filter ‘ Low/High/OFF ’ Adjustment

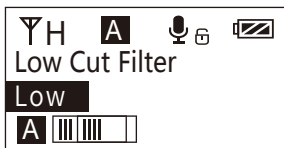
3.1 Press ◀▶ button to ‘ Low Cut Filter ’ display page



3.2 Long press [SET] button to enter ‘ Low Cut Filter ’ setting page



3.3 Press ◀▶ button to select LCF ‘ Low/High/OFF ’

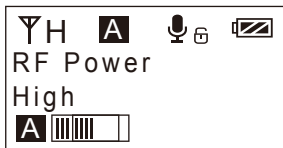


3.4 Short press [SET] button to confirm

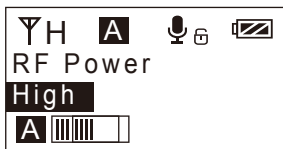
👉 Low-cut function will filter out the low-frequency part of the audio source, such as the chirping and crowd noise, and the main audio source will be more crisp. Low cut divided into low cut in low range and low cut in high range, low range is to filter out part of the noise, while high range of low cut filter out all noise. Turn off the low cut to restore the true, the main source will be more vigorous, but it can be adjusted according to actual needs.

## 4. Transmitting Signal Strength ' High/Low ' Adjustment

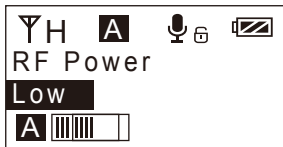
4.1 Press   button to ' RF Power ' display page



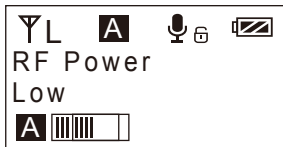
4.2 Long press  button to ' RF Power ' setting page



4.3 Press   button to adjust the transmitting signal strength



4.4 Short press  button to confirm



## 5. Muting Mode Enable/ Disable

5.1 Press   button to ' Muting ' display page



5.2 Long press  button to ' Muting ' setting page



5.3 Press   button to select Muting mode Enable/ Disable



5.4 Short press  button to confirm



☞ When set to 'Disable', the muting function cannot be used, the icon is:  

When set to 'Enable', the muting function works, the icon is:  

The muting mode can be controlled only when the screen is on, press any button to light the screen and then press the  button to switch the muting mode.

## 6.Backlight ' Lighting Time/Turn Off ' Adjustment

6.1 Short Press ◀▶ button to ' Backlight ' display page



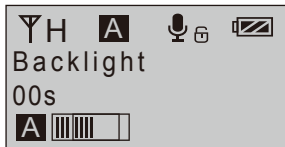
6.2 Long press **SET** button to ' Backlight ' setting page



6.3 Short press ◀▶ button to adjust the backlight lighting time  
or you can turn it off for power saving



6.4 Short press **SET** button to confirm



## 7. Reset to Defaults

7.1 Press   button to 'Reset' display page



7.2 Long press  button to enter 'Reset' setting page



7.3 Short press   button to select whether to restore factory Settings



7.4 Short press  button to confirm and restore factory setting



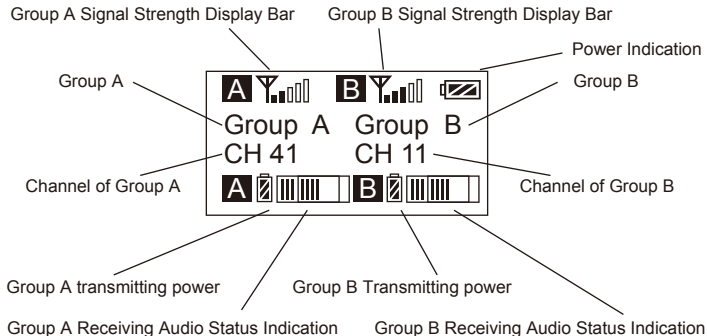
## 8. Version

8.1 Press   button to ' Version ' display page to check the version



# Receiver

## Screen Display Instruction

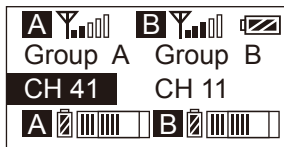


When Group A/B is on, the background color of the channel display icon is black;  
When Group A/B is off, the channel display icon is transparent and no background color.

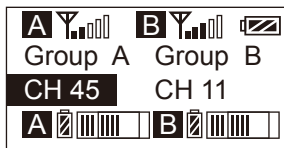
## Operation Instruction

### 1. Manually Adjust the Channel of Group A/ Group B

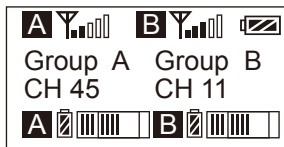
- 1.1 Long press **SET** button to 'CH' display page of Group A, and short press again to switch to 'CH' display page of Group B.



- 1.2 Short press   button to select the channel

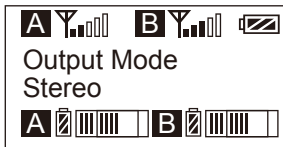


- 1.3 Short press **SET** button to confirm

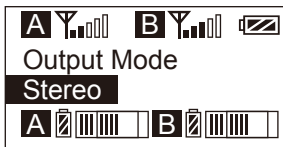


## 2.Audio Output Mode 'Stereo/Mono' Adjustment

2.1 Press   button to ' Output Mode ' display page

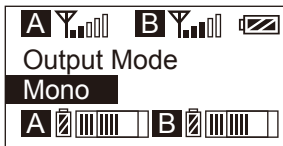


2.2 Long press  button to ' Output Mode ' setting page



2.3 Press   button to select Mono/ Stereo Output Mode, Short

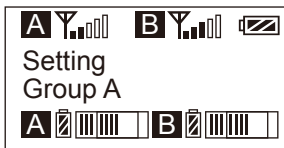
press  button to confirm



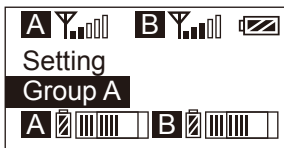
 When one use only one Transmitter (Group A or Group B), the output of Receiver only work in Mono mode.

### 3.Group A/B Function Setting

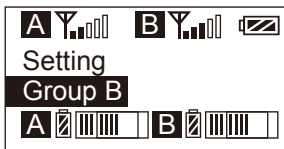
3.1 Press   button to ' Setting ' display page



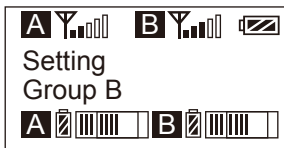
3.2 Long press  button to 'Group A / B Selection' Setting Page



3.3 Press   button to select Group A/B to edit

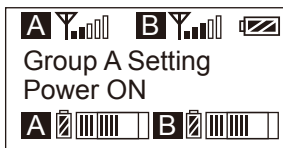


3.4 Short press  button to confirm

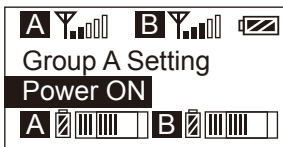


## 4.Group A/B ' On/ Off ' Adjustment

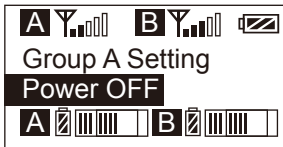
4.1 Short Press ◀▶ button to ' Group A Setting ' display page  
Power ON



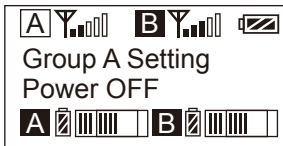
4.2 Long press [SET] button to ' Setting ' setting page



4.3 Short Press ◀▶ button to select ' Power Off ' or not

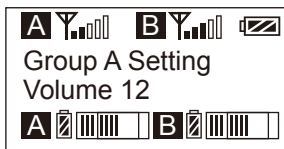


4.4 Short press [SET] button to confirm

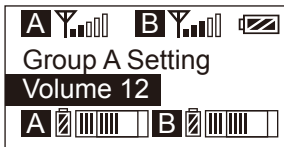


## 5.Group A/B Volume Adjustment

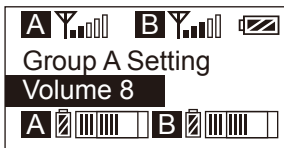
5.1 Short Press ◀▶ button to ' Group A Setting ' display page  
Volume



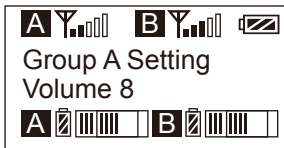
5.2 Long press  button to ' Volume ' setting page



5.3 Short Press ◀▶ button to adjust the volume

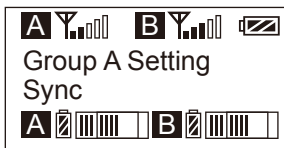


5.4 Short press  button to confirm

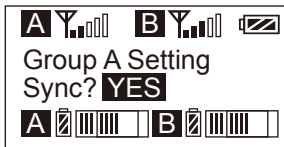


## 6.Group A/B IR Sync

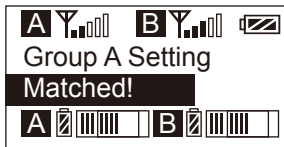
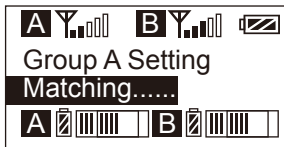
6.1 Short Press   button to 'Group A Setting Sync' display page



6.2 Long press  button for IR Matching with transmitter



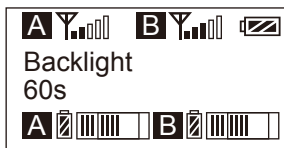
6.3 Use the   button to select whether to match,  
and short press  to confirm, Matching OK



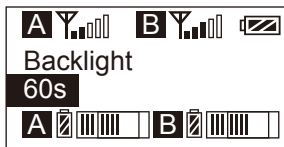
 While in IR matching, please make sure the IR sensor of transmitter and receiver point to point within 30cm, otherwise it may not succeed.

## 7. Backlight ' Lighting Time/Turn Off ' Adjustment

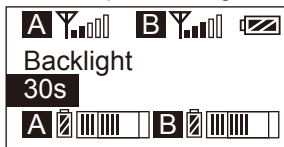
7.1 Short Press ◀▶ button to ' Backlight ' display page



7.2 Long press  button to ' Backlight ' setting page



7.3 Short press ◀▶ button to adjust the backlight lighting time  
or you can turn it off for power saving

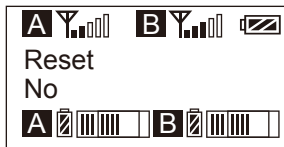


7.4 Short press  button to confirm

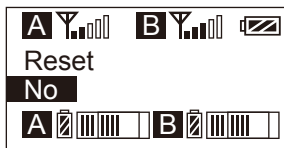


## 8. Reset to Defaults

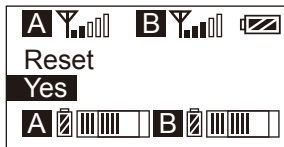
8.1 Press   button to 'Reset' display page



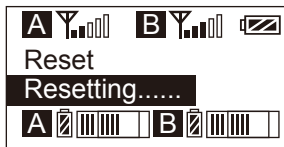
8.2 Long press  button to enter 'Reset' setting page



8.3 Short press   button to select whether to restore factory Settings

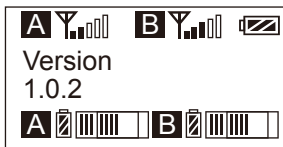


8.4 Short press  button to confirm and restore factory setting



## 9. Version

9.1 Press   button to ' Version ' display page to check the version



## Specification

### Lavalier Transmitter TX

|                       |                             |
|-----------------------|-----------------------------|
| Channel               | 48                          |
| Duration              | 6 Hours                     |
| Antenna               | 1/4 Wavelength Wire Antenna |
| Stray Radiation       | <-60dBc                     |
| Sound Delay           | <20ms                       |
| Audio Distortion      | <0.5%                       |
| Signal/Noise          | >65dB                       |
| Audio Input Socket    | 3.5mm Socket                |
| Battery               | AA batteries×2pcs           |
| External Power        | Micro USB 5V/1A             |
| Group                 | A / B                       |
| Size                  | 107 x 66 x 26.1mm           |
| Operating Temperature | 0℃ ~ +50℃                   |
| Storage Temperature   | -20℃ ~ +60℃                 |

## Receiver RX

|                       |                             |
|-----------------------|-----------------------------|
| Channel               | 48                          |
| Duration              | 6 Hours                     |
| Signal/Noise          | >65dB                       |
| Antenna               | 1/4 Wavelength Wire Antenna |
| Sensitivity           | -90dBm                      |
| Sound Delay           | <20ms                       |
| Audio Distortion      | <0.5%                       |
| Wireless Frequency    | 20Hz~18KHz                  |
| Audio Output Socket   | 3.5mm Socket                |
| Battery               | AA batteries×2pcs           |
| External Power        | Micro USB 5V/1A             |
| Size                  | 107 x 66 x 26.1mm           |
| Operating Temperature | 0℃ ~ +50℃                   |
| Storage Temperature   | -20℃ ~ +60℃                 |

**COMICA**

PROFESSIONAL AUDIO EQUIPMENT

# CVM-WM100 PLUS

## UHF 一拖二无线麦克风



## 用户使用手册

## 前 言

感谢您购买COMICA/科唛 WM100 PLUS 无线麦克风；

WM100 PLUS是一款一拖二无线麦克风，此款麦克风使用两节AA电池，采用UHF无线调频技术及LCD高清点阵屏，16级可调音量，并融入了低切功能、红外对码、立体声/单声道音频模式切换、RF信号强度可调、MIC/LINEIN输入、接收端无线电量检测、拾音动态显示、背景灯光可调等多种功能，同时具备强大的屏蔽抗噪性能，是一款广电级高品质麦克风；

为保证产品的顺畅使用及安全，请在使用前严格阅读本说明书，并正确组装及操作。

## 产品主要功能

- 一拖二，完美实现两路发射一路接收同时收音
- 拾音距离高达100M（空旷无干扰环境100M，有障碍或干扰环境60M）
- 48频，可进行多场合多机位混用
- M/S切换、低切、16级音量可调、静音等多种功能
- 可实时监听
- AA电池供电，可接外部电源供电
- 音量动态监测
- RF发射信号强度可调
- LCD点阵屏、高清易视



一拖二



48频道



100m工作距离



实时监听



低切



16级音量可调



静音模式



支持外部供电



LCD点阵屏

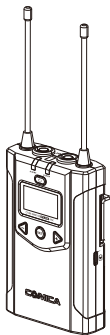
## 注意事项

- ⚠ 正常使用时发射器应距离接收器10cm以上，当小于10cm时，接收器的无线信号接收部分将会进行保护动作，从而关闭无线信号接收，音频可能出现间断，此为正常现象；
- ⚠ 进行红外对码时，请保持在30cm 距离之内，否则可能会导致通讯过弱、对码不成功；
- ⚠ 进行立体声/单声道切换时，请在使用前提前设置好，避免在使用过程中切换带来的短暂电流干扰；
- ⚠ 天线会影响工作距离，请保护好天线并勿进行人为损坏；
- ⚠ 工作距离会受到周围环境的影响，使用过程中请尽量保持环境空旷无干扰，并关闭机身自身的WIFI；
- ⚠ 近距离使用该产品时，建议将此产品RF强度设置为“LOW”，可降低功耗增强续航；
- ⚠ 用于手机拍摄时，客户须单独购买TRS-TRRS 音频转换线，并注意将手机模式设置为‘飞行模式’以避免来电干扰；  
(不支持部分安卓系统的原生态录音系统，建议此时于第三方APP模式下使用)；
- ⚠ 请在干燥环境中对该产品进行储存；
- ⚠ 不要在雨中或潮湿环境中使用该设备，否则会有短路的危险；

主体:



领夹发射器 (TX)



接收器 (RX)

配件:

- |                             |                 |
|-----------------------------|-----------------|
| ① 3.5mm MIC音频输入线 X 2pcs     | ⑥ 防风毛 X 2pcs    |
| ② 3.5mm-3.5mm 音频输出线 X 1pcs  | ⑦ USB供电线 X 1pcs |
| ③ 3.5mm-XLR 卡侬头音频输出线 X 1pcs | ⑧ 便携包 X 1pcs    |
| ④ 腰带夹 X 3pcs                | ⑨ 说明书 X 1pcs    |
| ⑤ 相机固定座 X 1pcs              | ⑩ 保修卡 X 1pcs    |



①



②



③



④



⑤



⑥



⑦



⑧



⑨

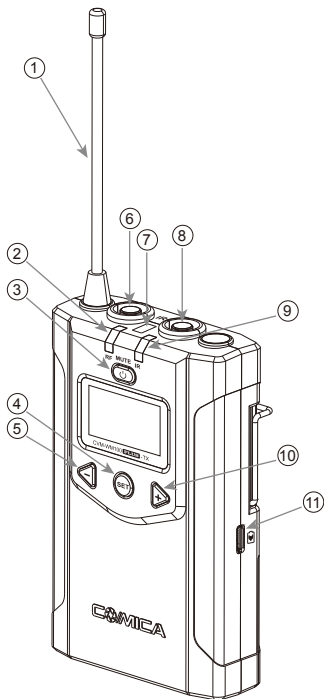
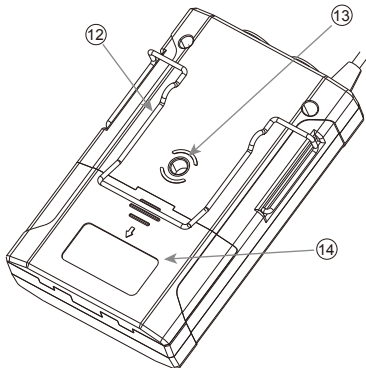


⑩

## 部件说明

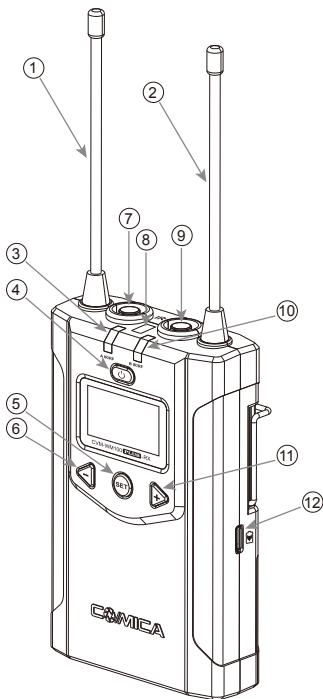
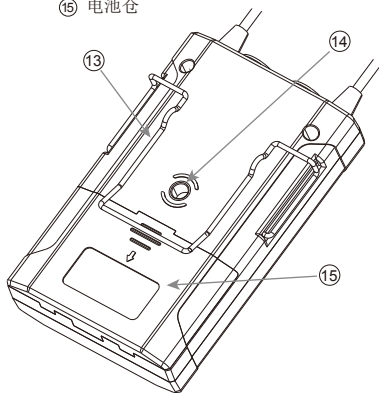
### 领夹发射器

- ① 天线
- ② 发射及工作状态指示灯
- ③ 开关/静音按键
- ④ SET功能菜单选项
- ⑤ 功能调节按键 -
- ⑥ LINE IN 输入接口
- ⑦ 红外对码窗
- ⑧ MIC输入接口
- ⑨ 对码状态指示灯
- ⑩ 功能调节按键 +
- ⑪ 外部供电Micro USB接口
- ⑫ 腰带夹
- ⑬ 1/4螺孔
- ⑭ 电池仓

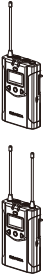


## 接收器

- ① A通道天线
- ② B通道天线
- ③ A通道工作状态指示灯
- ④ 开/关按键
- ⑤ SET功能菜单选项
- ⑥ 功能调节按键 -
- ⑦ 3.5mm 音频输出接口
- ⑧ 红外对码窗
- ⑨ 3.5mm 监听接口
- ⑩ B通道工作状态指示灯
- ⑪ 功能调节按键 +
- ⑫ 外部供电Micro USB接口
- ⑬ 腰带夹
- ⑭ 1/4螺孔
- ⑮ 电池仓



## 按键说明

|                                                                                                        |                                                                                                 |    |                           |
|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----|---------------------------|
| 领夹发射器<br>/接收器<br><br> | 开关/静音 按键<br>   | 长按 | 开机 / 关机                   |
|                                                                                                        |                                                                                                 | 短按 | 静音<br>(静音功能须在屏幕点亮后才能开启生效) |
|                                                                                                        | SET 功能菜单选项<br> | 长按 | 进入功能调节菜单                  |
|                                                                                                        |                                                                                                 | 短按 | 1. 确定所选功能<br>2. 退出功能调节菜单  |
|                                                                                                        | 功能调节按键+<br>    | 短按 | 功能调节 (+)                  |
|                                                                                                        | 功能调节按键-<br>    | 短按 | 功能调节 (-)                  |

### 👉 低切功能作用:

针对声音低频部分进行适当切除, 降低低频部分环境噪音, 使声音更加干净清晰;

### 👉 信号强度 高/低 切换作用:

信号强度高时, 无线工作距离可达60-100M, 功耗较高, 电池使用时间短;

信号强度低时, 无线工作距离可达30-60M, 功耗较低, 电池使用时间长;

## 指示灯定义

|           |         |      |                                         |
|-----------|---------|------|-----------------------------------------|
| 领夹<br>发射器 | RF      | 绿灯长亮 | 正常录音状态<br>(此状态仅针对发射器, 频道匹配成功后, 接收器方可拾音) |
|           |         | 红灯长亮 | 静音状态                                    |
|           |         | 红灯闪烁 | 低电量提醒                                   |
|           | IR      | 绿灯长亮 | 频道配对后<br>(无论是否匹配成功)                     |
|           |         | 红灯闪烁 | 频道配对中... (仅限红外对码时)                      |
| 接收器       | A IR/RF | 绿灯长亮 | 频道匹配成功后的正常工作状态                          |
|           |         | 绿灯闪烁 | 频道匹配不成功                                 |
|           | B IR/RF | 红灯闪烁 | 频道配对中... (仅限红外对码时)                      |
|           |         |      | 低电量提醒                                   |
|           |         | 红灯长亮 | 通道关闭                                    |



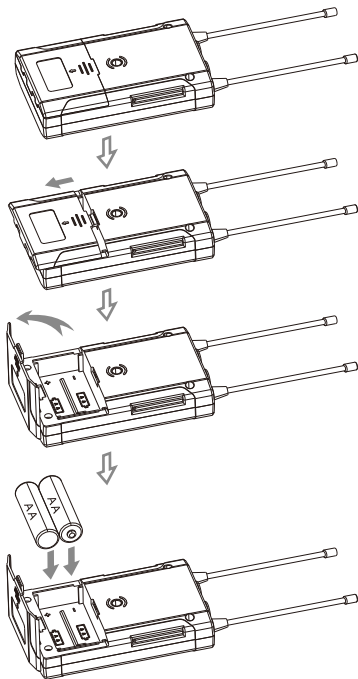
A IR/RF: A通道工作状态指示灯

B IR/RF: B通道工作状态指示灯

使用前准备（发射器与接收器方式相同）

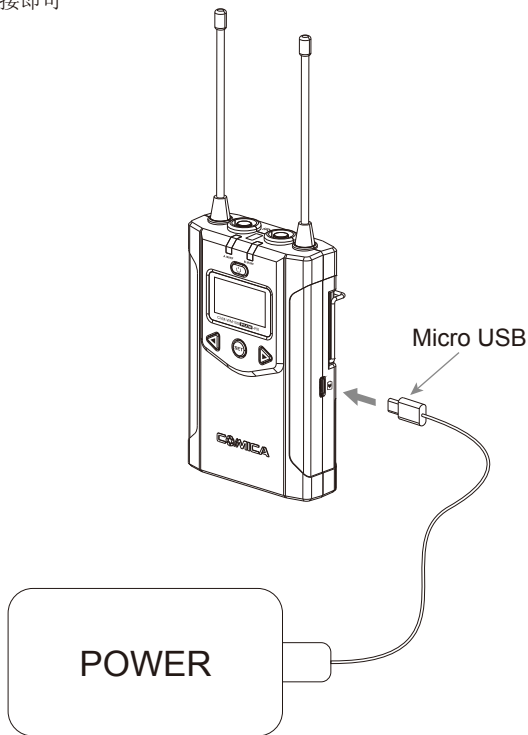
### 1. 两种供电方式的选择：

#### 1.1 将AA电池按照正负极指示装入电池仓



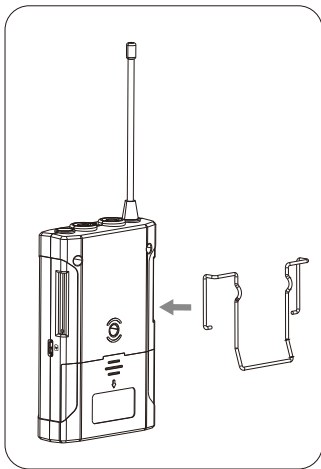
## 1.2 使用外部电源供电

把外部电源通过USB线插入机器“外部供电Micro USB接口” 进行连接即可



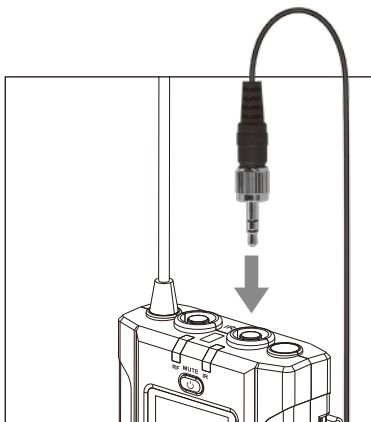
## 2. 腰带夹安装

如需要腰带夹安装使用方式，请正确安装腰带夹即可

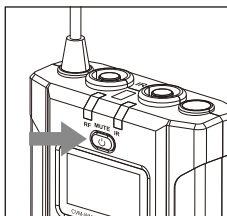


### 3. 发射器安装

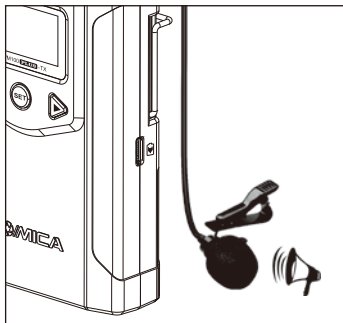
#### 3.1 把3.5mm 音频输入线插入MIC插口



#### 3.2 长按电源开关打开发射器



3.3 将MIC 对准音源，根据屏幕上的音量指示条检测发射器是否正常工作



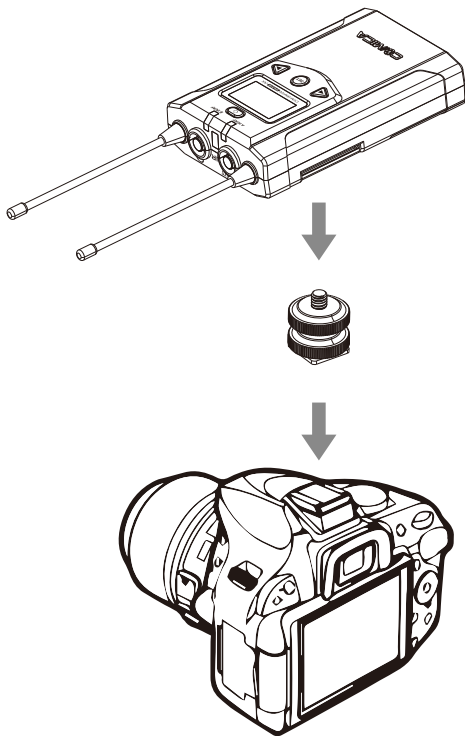
音频动态显示条

3.4 与接收器进行频道匹配成功后，即可使用

👉 频道匹配请见屏幕操作部分

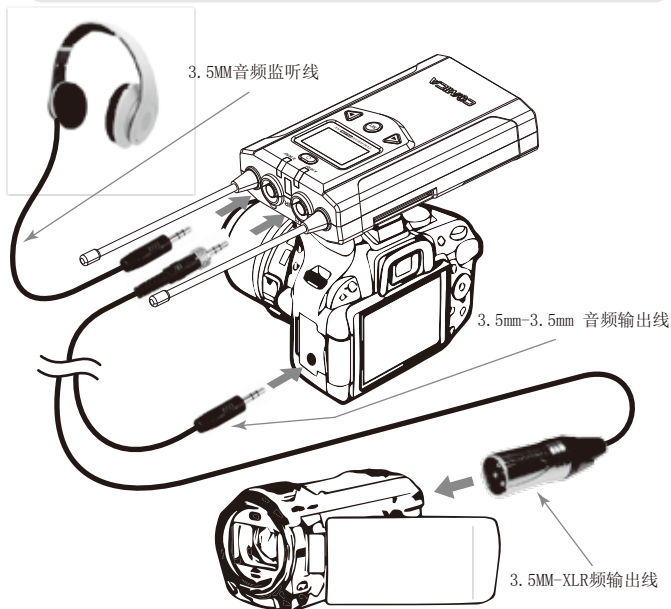
## 4. 接收器安装

### 4.1 通过相机固定座把接收器与录影设备连接



- 4.2 通过3.5mm-3.5mm 音频输出线插入OUTPUT接口把接收器与录影设备连接，把耳机插入3.5mm 监听接口进行实时监听，长按电源开关打开接收器

 大多数DSLR相机使用的是3.5MM接口, 如果使用XLR类型接口的摄像机, 需要使用3.5MM-XLR音频输出线.

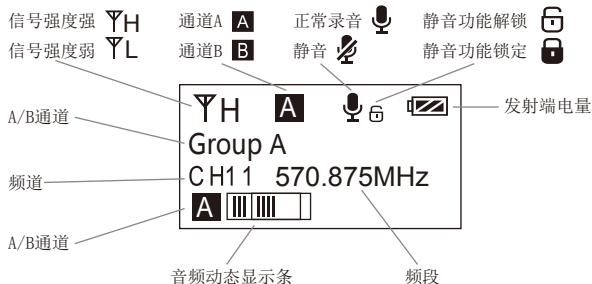


- 4.3 与发射器进行频道匹配成功后，即可使用

 频道匹配请见屏幕操作部分

## 领夹发射器

### 屏显说明

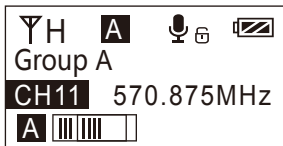


- Mic mode is for microphone audio input;
- Line in mode is for external audio source input, such as mobile phone music playback etc.;
- Selecting the corresponding input mode will have better audio effect.

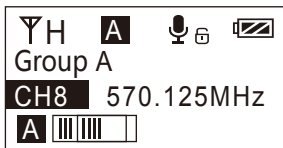
## 操作说明

### 1. 手动调节发射器 CH 频道

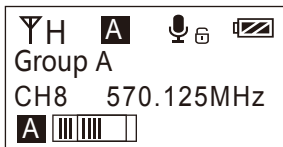
#### 1.1 长按按键 进入CH 设置界面



#### 1.2 使用 按键选择本机频道

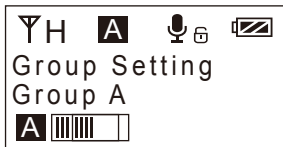


#### 1.3 短按 按键确定

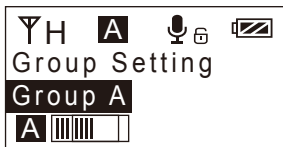


## 2. A/B 通道选择

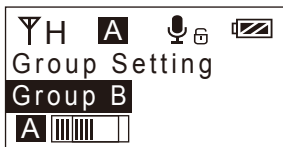
2.1 使用   按键调到“通道设置”界面



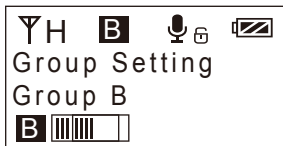
2.2 长按按键  进入“通道设置”界面



2.3 使用   按键选择本机通道



2.4 短按  按键确定

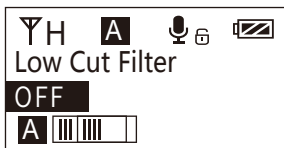


### 3. 低切“低 / 高 / 关闭”调节

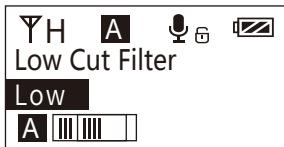
#### 3.1 使用 按键调到“低切”界面



#### 3.2 长按按键 进入“低切”设置界面



#### 3.3 使用 按键选择“低”、“高”或“关闭”音源低切功能

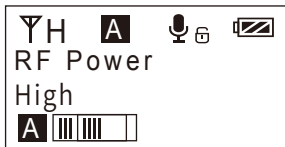


#### 3.4 短按 按键确定

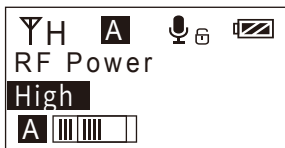
 低切功能开启会把音源低频部分过滤掉，比如野外昆虫的鸣叫声和人群的噪音，主音源也会更清脆；  
关闭则真实还原环境的声音，主音源会更浑厚，可根据实际需要调整。

## 4. 发射功率调节

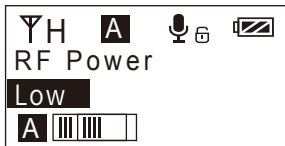
4.1 使用   按键调到“发射功率”界面



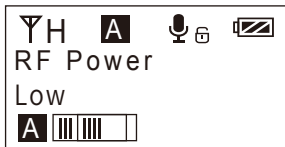
4.2 长按按键  进入“发射功率”设置界面



4.3 使用   按键调节发射信号强度



4.4 短按  按键确定



## 5. 静音模式开启/关闭

5.1 使用   按键调到“静音锁定”界面



5.2 长按按键  进入“静音设置”界面



5.3 使用   按键选择开启/关闭静音功能



5.4 短按  按键确定



 设置为“锁定”后静音功能不能使用，图标显示：

设置为“解锁”后静音功能开启，图标显示：

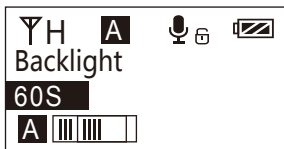
静音必须在屏幕点亮的时候才能操控，按下任何按键使屏幕点亮，再短按  按键切换静音模式。

## 6. 背景灯光“点亮时间/关闭” 调节

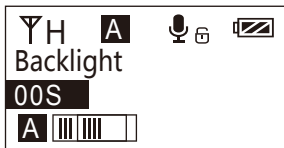
6.1 使用   按键调到“背景灯”界面



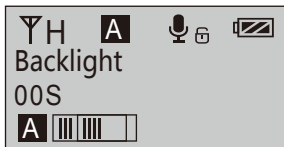
6.2 长按按键  进入“背景灯”设置界面



6.3 使用   按键调节背景点亮的延迟时间，也可以关闭以省电



6.4 短按  按键确定

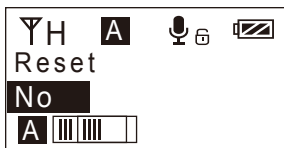


## 7. 恢复出厂设置

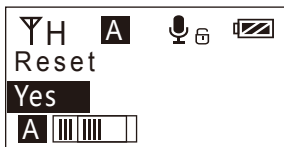
7.1 使用<=>+>按钮调到“恢复出厂设置”界面



7.2 长按按钮 **SET** 进入“恢复出厂设置”界面



7.3 使用<=>+>按钮选择是否恢复出厂设置



7.4 短按 **SET** 按钮确定, 即可恢复出厂设置



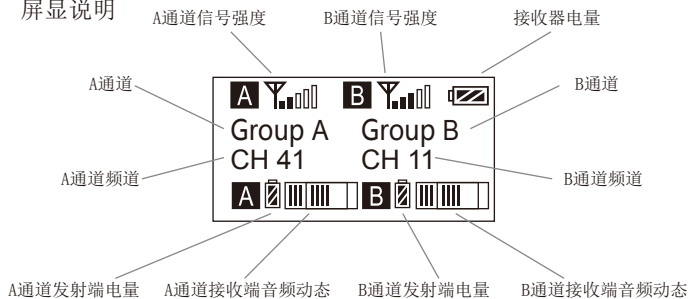
## 8. 固件版本号

8.1 使用   按键调到“版本号”界面查看本机固件的版本



# 接收器

## 屏显说明

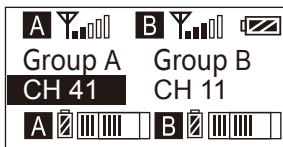


当A/B通道打开时，图标背景颜色为黑色；当A/B通道关闭时，图标背景颜色是透明的或无背景色。

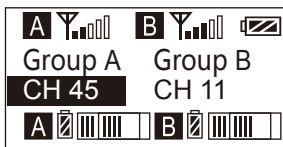
## 操作说明

### 1. 手动调节接收器A/B 通道的频道

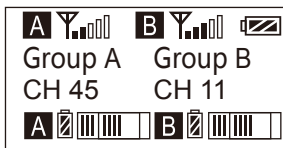
- 1.1 长按按键 **SET** 首先进入A通道 ‘CH’ 的设置界面，再次短按可切换至B通道 ‘CH’ 的设置界面



- 1.2 使用 **←** **→** 按键选择本机频道

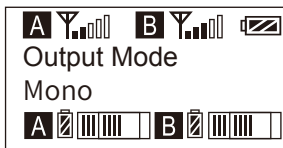


- 1.3 短按 **SET** 按键确定

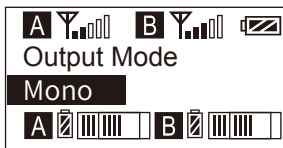


## 2. 输出音频模式 “立体声/单声道” 调节

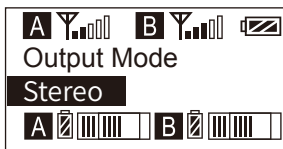
2.1 使用   按键调到“输出模式”界面



2.2 长按  按键进入“输出模式”设置界面



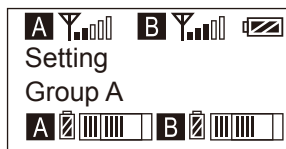
2.3 使用   按键选择“立体声/单声道”输出，  
短按  按键确定



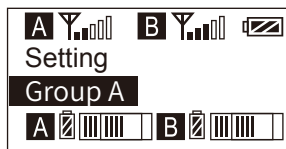
 当设置到单独的A或B通道时，输出只有MONO 模式。

### 3. A/B通道功能设置

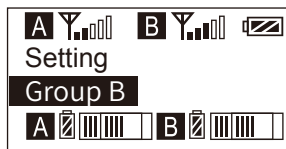
3.1 使用   按键调到“A/B通道设置”界面



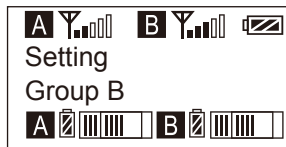
3.2 长按  按键进入“A/B通道设置”界面



3.3 使用   按键选择要编辑的通道

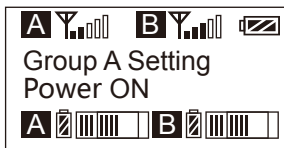


3.4 短按  按键确定

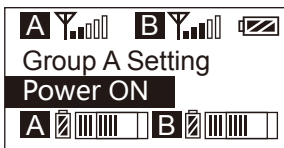


## 4. A/B通道 “开/关” 调节

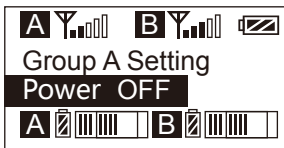
4.1 使用   按键调到“通道设置-电源”界面



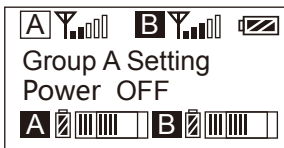
4.2 长按  按键进入“通道设置-电源”设置界面



4.3 使用   按键选择是否关闭通道

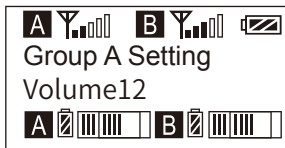


4.4 短按  按键确定

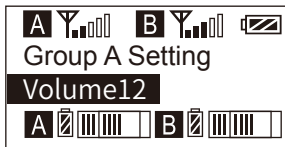


## 5. A/B通道音量调节

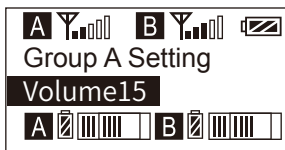
5.1 使用   按键调到“通道音量设置”界面



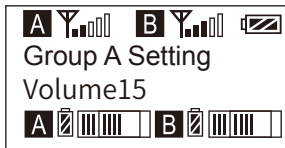
5.2 长按  按键进入“通道音量设置”界面



5.3 使用   按键调整音量大小

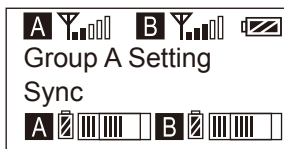


5.4 短按  按键确定

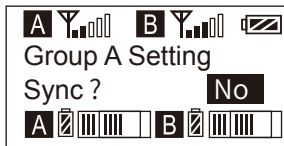


## 6. A/B通道红外对码

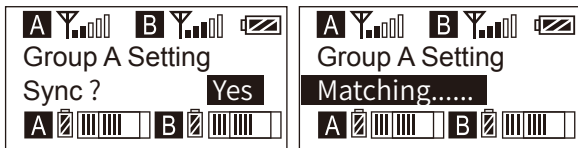
6.1 使用   按键调到“通道同步设置”界面



6.2 长按  按键进入“通道同步设置”界面



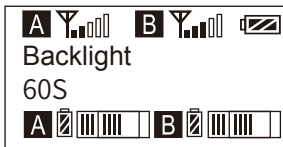
6.3 使用   按键选择是否同步, 短按  按键进行同步



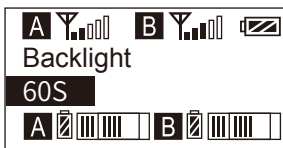
 当进行对码时, 请确保发射与接收的红外窗口于30CM距离之内进行点对点设置, 否则可能会导致对码不成功。

## 7. 背景灯光“点亮时间/关闭” 调节

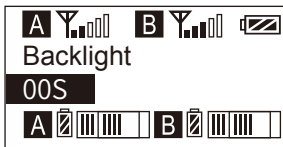
7.1 使用 ◀▶ 按键调到“背景灯”界面



7.2 长按按键 **SET** 进入“背景灯”设置界面



7.3 使用 ◀▶ 按键调节背景点亮的延迟时间，也可以关闭以省电

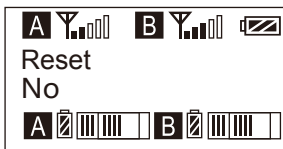


7.4 短按 **SET** 按键确定

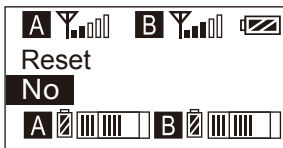


## 8. 恢复出厂设置

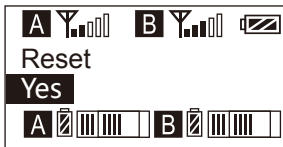
8.1 使用   按键调到“恢复出厂设置”界面



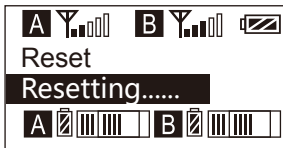
8.2 长按按键  进入“恢复出厂设置”界面



8.3 短按   选择是否恢复出厂设置

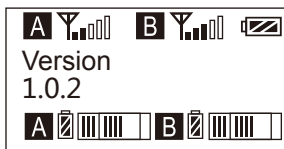


8.4 短按  按键确定，即可恢复出厂设置



## 9. 固件版本号

9.1 使用   按键调到“版本号”界面查看本机固件的版本



# 领夹发射器 TX

|        |                   |
|--------|-------------------|
| 频道数    | 48                |
| 续航时间   | 6小时               |
| 天线     | 1/4波长导线天线         |
| 杂散辐射   | <-60dBc           |
| 声音延迟   | <20ms             |
| 音频失真   | <0.5%             |
| 信噪比    | >65dB             |
| 音频输入接口 | 3.5mm接口           |
| 电池     | 2节AA电池            |
| 外部供电   | Micro USB 5V/1A   |
| 通道组    | A / B             |
| 尺寸     | 107 x 66 x 26.1mm |
| 工作温度   | 0℃ ~ +50℃         |
| 存储温度   | -20℃ ~ +60℃       |

## 接收器 RX

|        |                   |
|--------|-------------------|
| 频道数    | 48                |
| 续航时间   | 6小时               |
| 信噪比    | >65dB             |
| 天线     | 1/4波长导线天线         |
| 接收灵敏度  | -90dBm            |
| 声音延迟   | <20ms             |
| 音频失真   | <0.5%             |
| 频率响应   | 20Hz~18KHz        |
| 音频输出接口 | 3.5mm接口           |
| 电池     | 电池：2节AA电池         |
| 外部供电   | Micro USB 5V/1A   |
| 尺寸     | 107 x 66 x 26.1mm |
| 工作温度   | 0℃ ~ +50℃         |
| 存储温度   | -20℃ ~ +60℃       |



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