

CVM-WM200

UHF Wireless Microphone



USER MANUAL

Foreword

Thanks for purchasing COMICA WM200 UHF wireless microphone. To ensure a good using experience and customers' physical safety, please carefully read this instruction before using and properly assemble and operate.

Main Features

- . Dual Transmitters Triggered by One Receiver, A/B Double Group Options
- . Quick A/B/A+B Group Switch
- . Used for Multiple Devices Working Together
- . Working Distance is Up to 120m (120m in Open Area, 80m in Area with Obstacle)
- . LCF Low Cut Filtering Mode
- . Auto-scanning for Quick Channel Selection
- . IR Sync
- . Adjustable RF Signal Strength
- . AA Batteries and External Power Supply
- . Audio Dynamic Display Bar
- . 16 Levels Volume Adjustment
- . Optional Language
- . Transmitter Power Monitor
- . Output Modes Mono/Stereo Switch
- . Low-consumption, Super-long Standby Time
- . Lattice LCD Display, High Resolution
- . Full Metal Manufacturing, Excellent Shielding

Notice

- ⚠ Transmitter should be placed at a distance 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 the receiving wireless signal, then audio may be intermittent, which is normal
- ⚠ When using auto IR sync, please stay within 30cm, otherwise the signal may be too weak and 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
- ⚠ When there is any need for long time using, external power bank is better for power supplying instead of using AC-DC power to avoid noise problem
- ⚠ 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 need to separately purchase a TRS-TRRS audio cable adapter, and remember to set the mobile phone mode to 'Flight Mode' for avoiding incoming call interference (It does not support the original recording system of some 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)



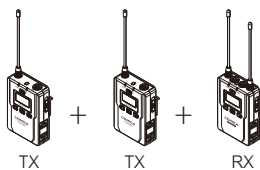
Hand-held Transmitter (HTX)



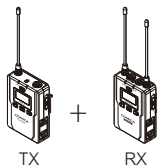
Receiver (RX)

Multiple Selections:

WM200(A) = 2TX + RX



WM200(C) = TX + RX



WM200-TX



WM200-RX



WM200-HTX



WM200/300-XLR

👉 For the method of WM200/300-XLR using, please refer to the user manual that comes with the product

Accessories:

- ① 3.5mm Mic Audio Input Cable
- ② 3.5mm-3.5mm Audio Output Cable
- ③ 3.5mm-XLR Audio Output Cable
- ④ USB-C Charging Cable
- ⑤ Belt Clip
- ⑥ Cold Shoe Mount
- ⑦ Wind Muff
- ⑧ Portable Box
- ⑨ User Manual
- ⑩ Warranty Card



①



②



③



④



⑤



⑥



⑦



⑧



⑨



⑩



The accessories of each combination include:

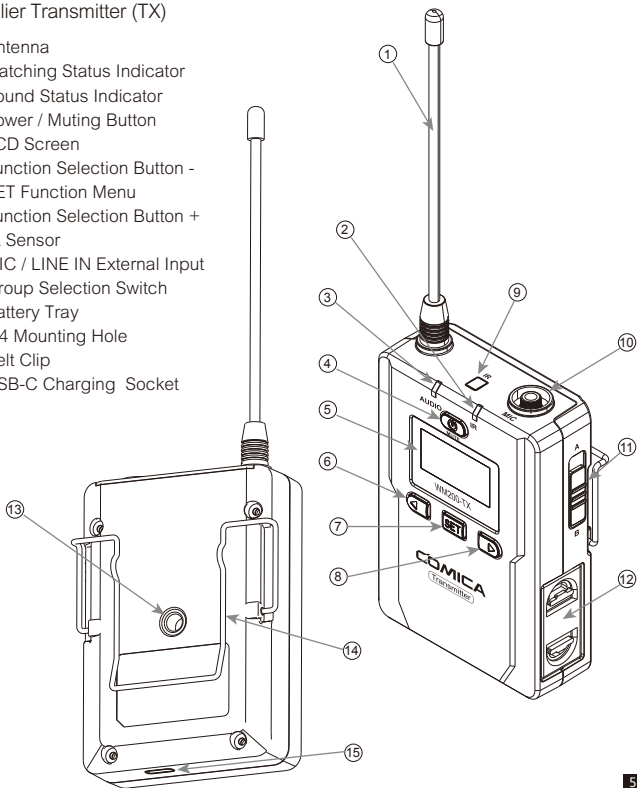
WM200 (A) = ①x2 + ② + ③ + ④ + ⑤x3 + ⑥ + ⑦x2 + ⑧ + ⑨ + ⑩

WM200 (C) = ① + ② + ③ + ④ + ⑤x2 + ⑥ + ⑦ + ⑧ + ⑨ + ⑩

Components

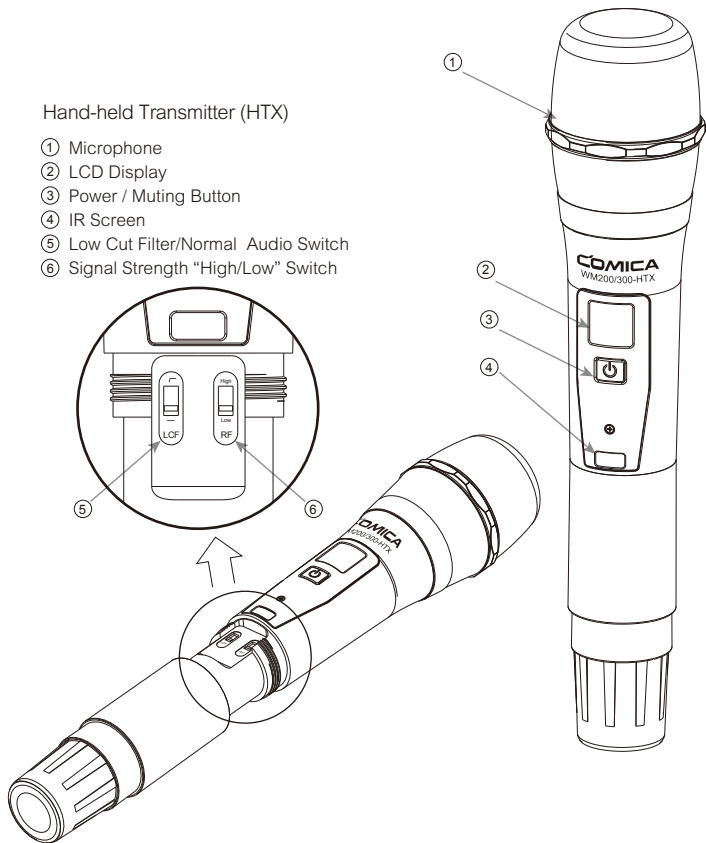
Lavalier Transmitter (TX)

- ① Antenna
- ② Matching Status Indicator
- ③ Sound Status Indicator
- ④ Power / Muting Button
- ⑤ LCD Screen
- ⑥ Function Selection Button -
- ⑦ SET Function Menu
- ⑧ Function Selection Button +
- ⑨ IR Sensor
- ⑩ MIC / LINE IN External Input
- ⑪ Group Selection Switch
- ⑫ Battery Tray
- ⑬ 1/4 Mounting Hole
- ⑭ Belt Clip
- ⑮ USB-C Charging Socket



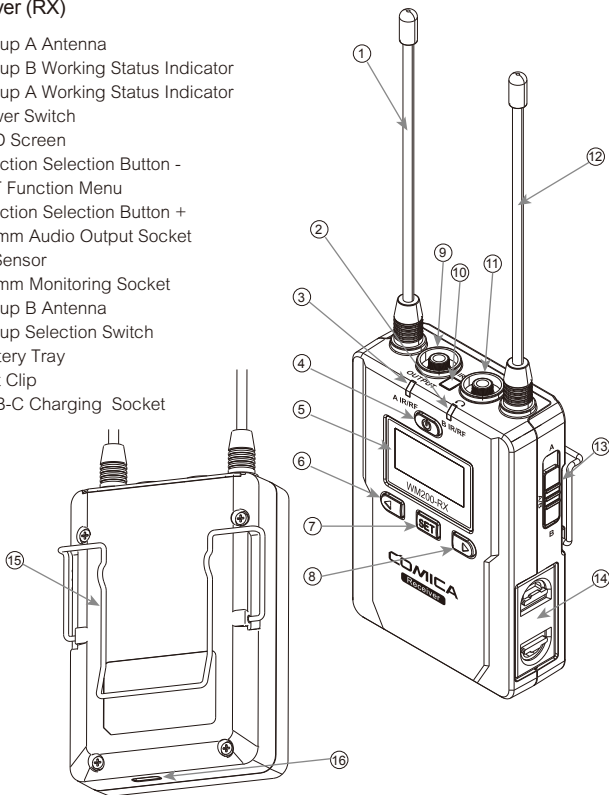
Hand-held Transmitter (HTX)

- ① Microphone
- ② LCD Display
- ③ Power / Muting Button
- ④ IR Screen
- ⑤ Low Cut Filter/Normal Audio Switch
- ⑥ Signal Strength "High/Low" Switch



Receiver (RX)

- ① Group A Antenna
- ② Group B Working Status Indicator
- ③ Group A Working Status Indicator
- ④ Power Switch
- ⑤ LCD Screen
- ⑥ Function Selection Button -
- ⑦ SET Function Menu
- ⑧ Function Selection Button +
- ⑨ 3.5mm Audio Output Socket
- ⑩ IR Sensor
- ⑪ 3.5mm Monitoring Socket
- ⑫ Group B Antenna
- ⑬ Group Selection Switch
- ⑭ Battery Tray
- ⑮ Belt Clip
- ⑯ USB-C Charging Socket



Function Button Instruction

Lavalier Transmitter / Receiver  	Power / Muting Button 	Long Press	Power On / Off
		Short Press	Muting Mode (This function is only for transmitter, when the mute function is turned on and the screen is lighted up)
	SET Function Menu 	Long Press	Enter the function adjustment menu
		Short Press	1.Confirm the selected function 2.Exit the function adjustment menu
	+ Button 	Short Press	Function Adjustment (+)
Hand-held Transmitter 	Power / Muting Button 	Long Press	Power On / Off
		Short Press	Muting Mode (Only goes into effect when the screen lights up)
	"Low cut/ Normal" Sound Switch 	Push-up	Low cut
		Push-down	Normal
	Signal Strength "High/Low" Switch 	Push-up	Signal strength--high
		Push-down	Signal strength--low

Signal strength high / low switching effect:

With high signal strength, the wireless working distance is up to 80-120M, high power consumption, battery life is short; With low signal strength, the wireless working distance is up to 30-60M, low power consumption, the battery can be used for a long time.



Low cut function:

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

Indicator Light Instruction

Transmitter	AUDIO	Green Light Keeps on	Normal Recording Status (This state is only for the transmitter, when the channel matches successfully, then the receiver can pick up the sound)
		Red Light Keeps on	Muting Mode
		Red Light Flickers	Low-power reminder
	IR	Green Light Keeps on	Channel matches (No matter the channel matched or not)
		Red Light Flickers	Channel is matching..... (only for IR Sync)
Receiver	A IR/RF B IR/RF	Green Light Keeps on	Normal working status after the channel matched
		Green Light Flickers	Channel match failed
		Red Light Flickers	Channel is matching..... (only for IR Sync)
			Low-power reminder
		Red Light keeps on	Group closed



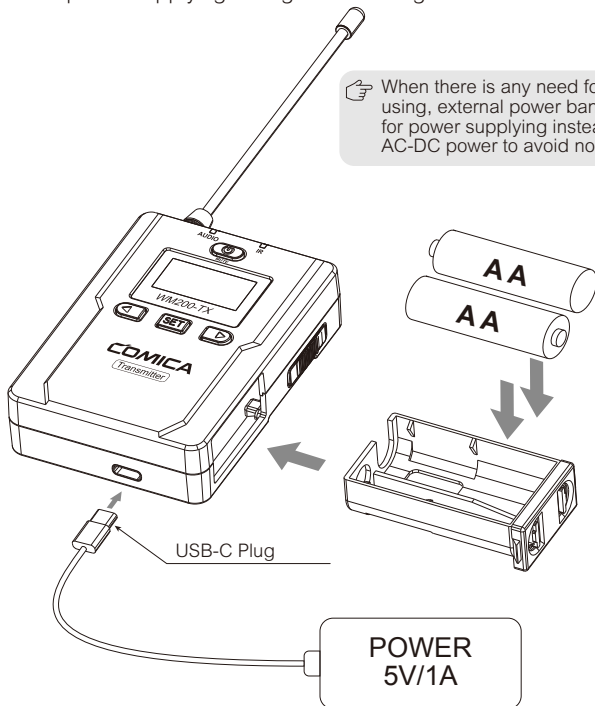
A IR/RF: Group A Working Status Indicator

B IR/RF: Group B Working Status Indicator

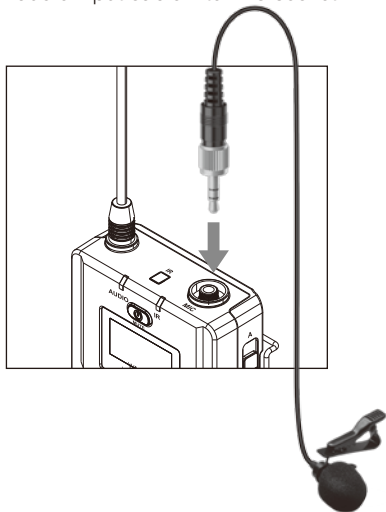
Installation and Usage

Lavalier Transmitter

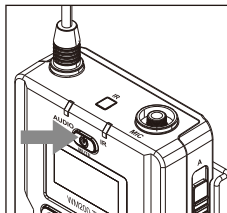
1. Install two AA batteries into the battery tray according to the positive and negative electrode. It supports external power-supplying through USB-C Plug



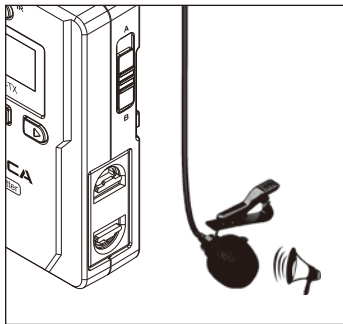
2. Insert the 3.5mm audio input cable into MIC socket



3. Long press the power button to turn on the transmitter

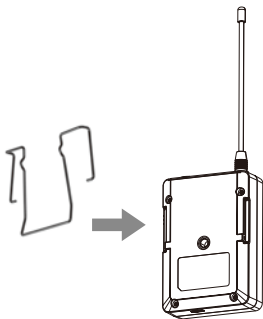


4. Place the MIC at the audio source and check the working status according to the volume indicator on the screen



Audio Dynamic Display Bar

5. Insert the belt clip to the connection hole

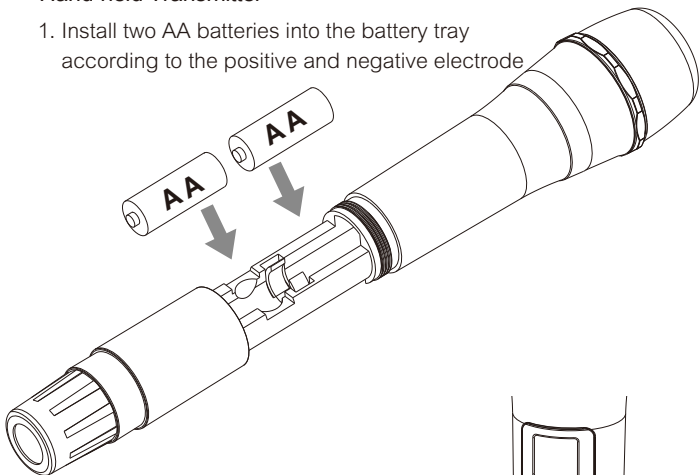


6. After the channel matched with the receiver, it can be used

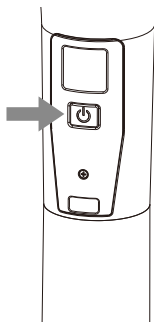
 Please refer to screen operation instruction for channel matching.

Hand-held Transmitter

1. Install two AA batteries into the battery tray according to the positive and negative electrode



2. Long press the button switch to turn on the hand-held transmitter



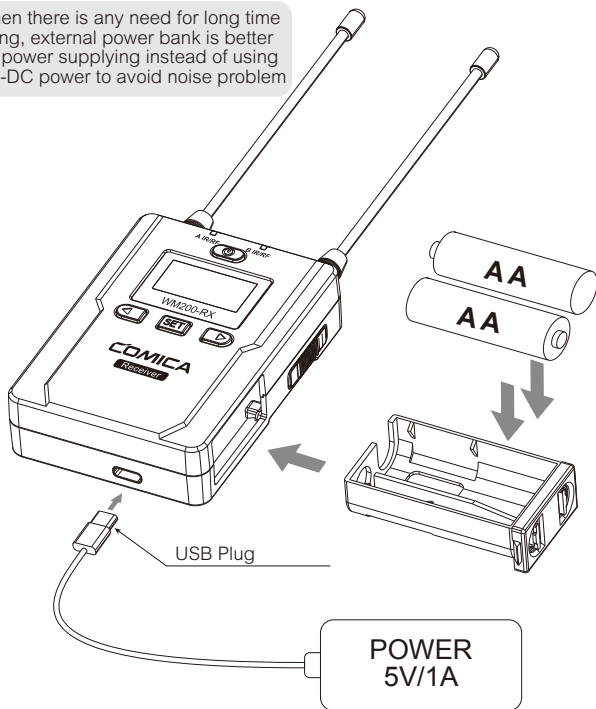
3. After the channel matched with the receiver, it can be used

 Please refer to screen operation instruction for channel matching.

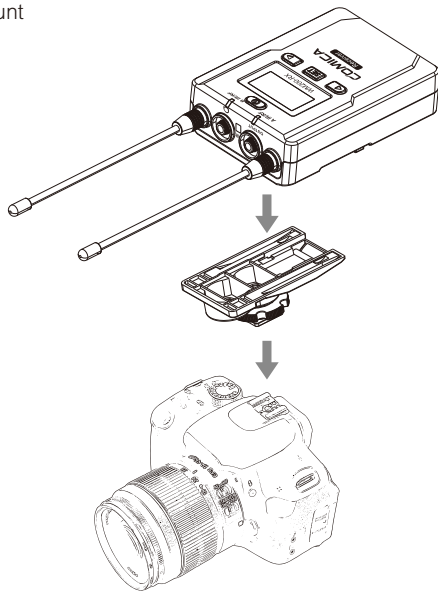
Receiver

1. Install two AA batteries into the battery tray according to the positive and negative electrode. It supports external power-supplying through USB-C Plug

When there is any need for long time using, external power bank is better for power supplying instead of using AC-DC power to avoid noise problem



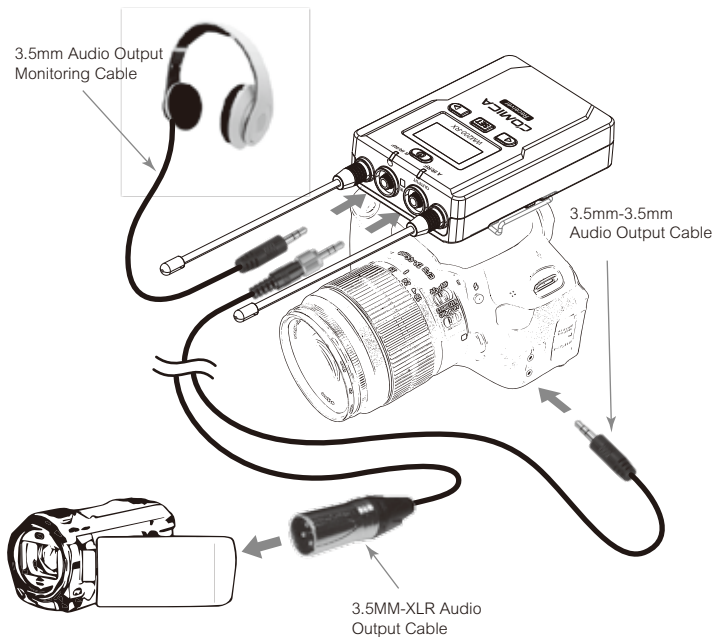
2. Connect the receiver to the video device through the Cold Shoe Mount



3. 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 have a 3.5mm port, if you use the XLR camcorder, you need to use the 3.5mm-XLR audio output cable.



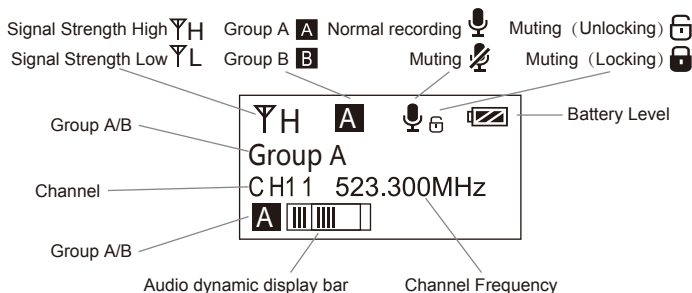
4. After the channel matched with the receiver, it can be used

👉 Please refer to screen operation instruction for channel matching.

Screen Display and Operation Instruction

Lavalier Transmitter

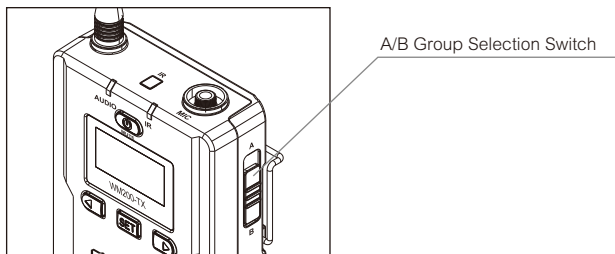
Screen Display Instruction

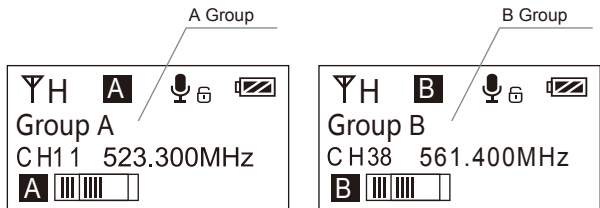


Operation Instruction

1. Group A/B Selection

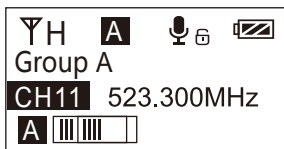
- 1.1 Use A/B Group selection switch to select the group, when push up to A, Group A turns on; when push to B, Group B turns on. You could choose Group A or Group B according to your demand.



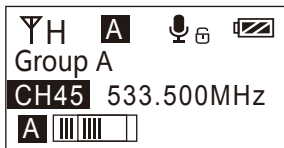


2. Manually Adjust the Channel of Transmitter

2.1 Long press  button to CH setting display page



2.2 Short press   button to select the channel



2.3 Short press  button to confirm

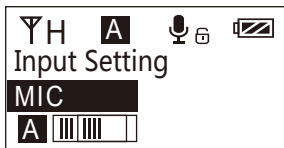


3. MIC/LINE IN Input Mode Adjustment

3.1 Press   button to 'Input Setting' display page



3.2 Long press  button to 'Input Setting' display page



3.3 Press   button to select 'Mic/ Line in' input mode



3.4 Short press  button to confirm

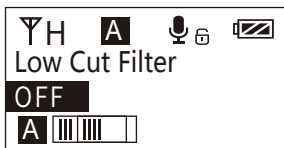
 Mic mode is for Microphone input;
Line in mode is for external audio input, such as smartphone music player.
Selecting the corresponding input mode will bring you a better audio effect.

4. Low Cut Filter ' Low/High/OFF ' Adjustment

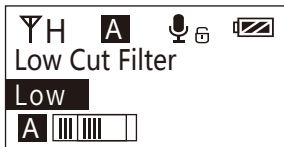
4.1 Press   button to ' Low Cut Filter ' display page



4.2 Long press  button to enter ' Low Cut Filter ' display page



4.3 Press   button to select LCF ' Low/High/OFF '

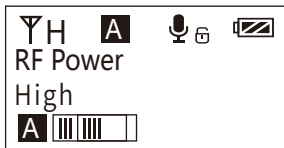


4.4 Short press  button to confirm

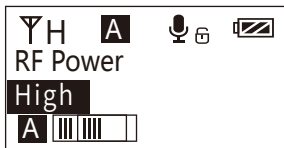
 The LCF function will remove the low-frequency part of the audio source, such as the sound of wild insects and the noise of the crowd, and the main audio source will be thinner. When the LCF function is turned off, the original sound will be restored, and the main sound source will be thicker. You can adjust according to actual needs.

5. Transmitting Signal Strength ‘ High/Low ’ Adjustment

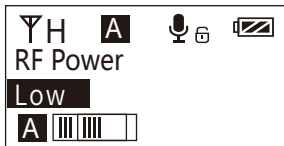
5.1 Press   button to “ RF Power Setting ” display page



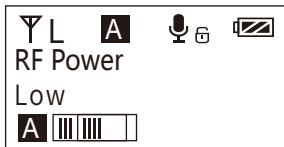
5.2 Long press  button to enter ‘ RF Power Setting ’ display page



5.3 Press   button to adjust the transmitting signal strength



5.4 Short press  button to confirm



6. Muting Mode On/ Off

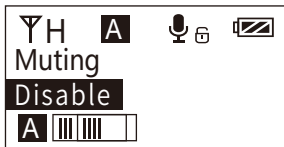
6.1 Press   button to ' Muting ' display page



6.2 Long press  button to enter ' Muting ' display page



6.3 Press   button to select Muting mode on/ off



6.4 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:  

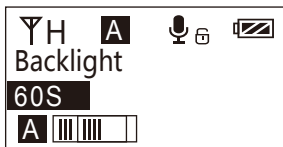
The muting mode can be controlled only when the screen is on, press any button to light the screen and then press the  button to switch the muting mode.

7. Backlight ' Lighting Time/Turn Off ' Adjustment

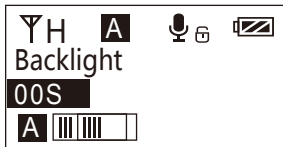
8.1 Short Press   button to 'Backlight Mode' display page



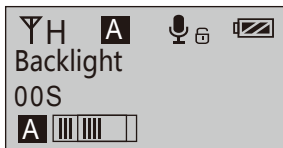
7.2 Long press  button to enter ' Backlight Mode ' display page



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. System Language

8.1 Short press   button to 'Language' display page



8.2 Long press  button to enter 'Language' display page



8.3 Short press   button to select language



8.4 Short press  button to confirm

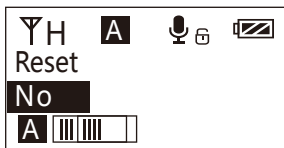


9. Reset to Defaults

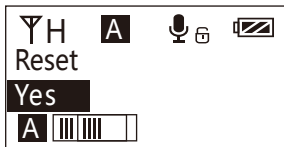
9.1 Press   button to 'Reset' display page



9.2 Long press  button to enter 'Reset' display page



9.3 Short press   button to select whether to restore factory Setting



9.4 Short press  button to confirm and restore factory setting



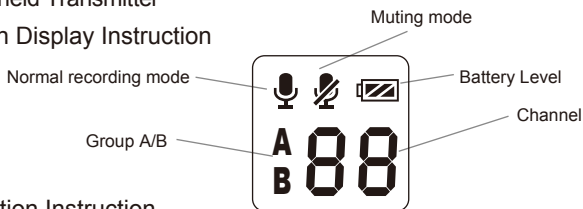
10. Version

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



Hand-held Transmitter

Screen Display Instruction



Operation Instruction

1. Turn on and Muting Mode Switch

1.1 Long press  switch button for 2 seconds to turn on or off

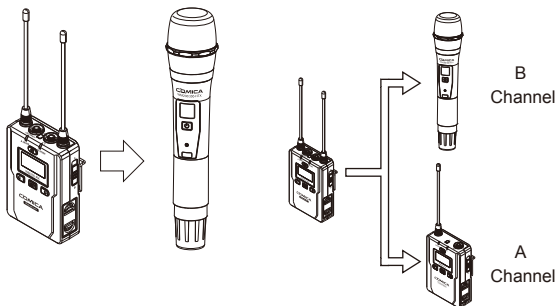
1.2 When the transmitter turned on, short press the  button to select muting mode



 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.

2. Pair Through Infrared Sync

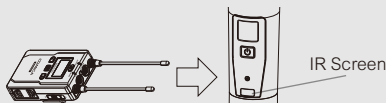
2.1 Set the channel through infrared sync



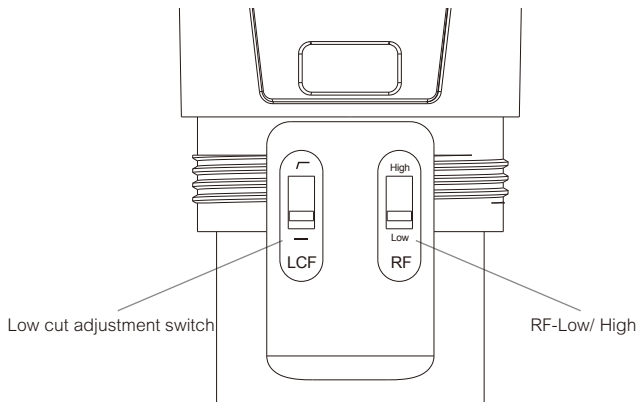
☞ The hand-held transmitter defaults to channel B, and you can set the group and channel through the receiver (For example, If Group A of the receiver is used for the matching, after matched, it will be: Group A CHXX; If Group B of the receiver is used for the matching, after matched, it will be: Group B CHXX)

When the hand-held transmitter and the lavalier transmitter are used together, you should set them to different group

☞ During matching, don't shield the infrared receiving screen of the transmitter

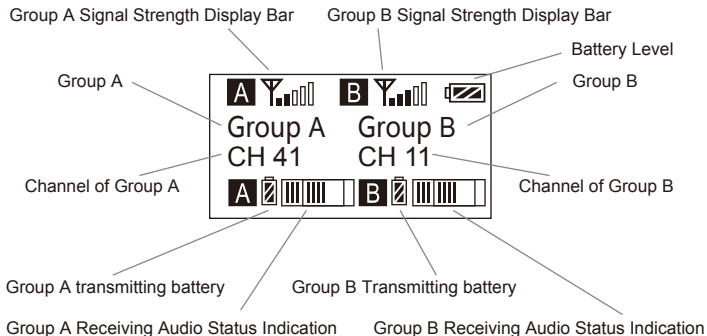


2.2 Function switch



Receiver

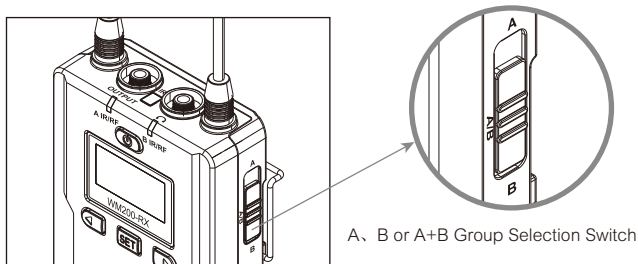
Screen Display Instruction

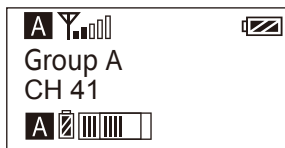


Operation Instruction

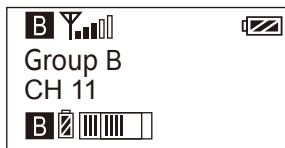
1. A、B or A+B Group Selection Switch

1.1 Select the group using A, B and A+B group selection switch

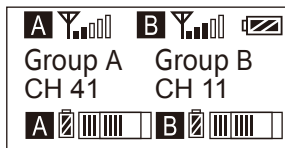




Switch to A
 Group A turned on,
 Group B turned off



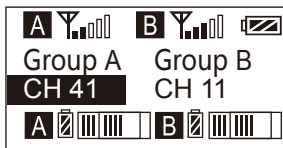
Switch to B
 Group B turned on,
 Group A turned off



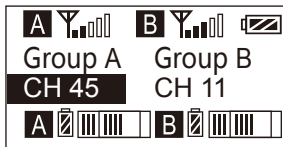
Switch to A/B
 Group A turned on,
 Group B turned on

2. Manually Adjust the Channel of Group A/ Group B

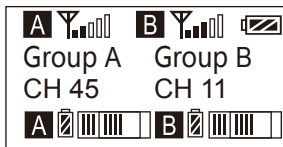
2.1 Long press **SET** button to 'CH' display page, short press again for Group A/Group B switch



2.2 Short press **<** **>** button to select the group

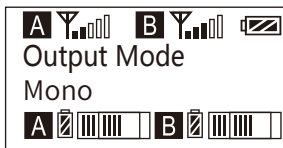


2.3 Short press **SET** button to confirm

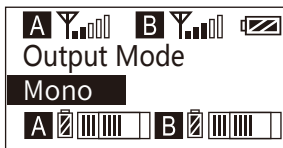


3. Audio Output Mode 'Stereo/Mono' Adjustment

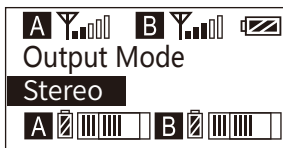
3.1 Press   button to ' Output Mode ' display page



3.2 Long press  button to ' Output Mode ' display page



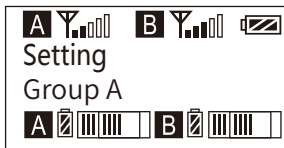
3.3 Press   button to select ' Mono/ Stereo ' Output Mode,
Short press  button to confirm



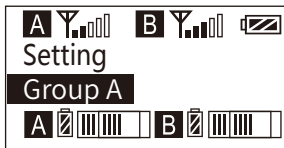
 When set to a separate A channel or B channel, the output can only be MONO mode

4. Group A/B Function Setting

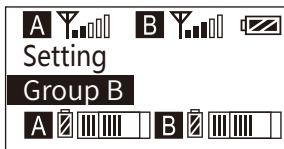
4.1 Press   button to 'Setting' display page



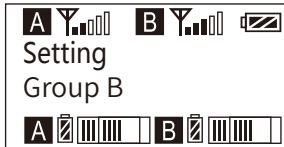
4.2 Long press  button to 'Setting' display page



4.3 Press   button to select Group A/B to edit

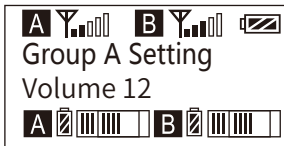


4.4 Short press  button to confirm

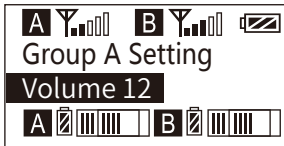


5. Group A/B Volume Adjustment

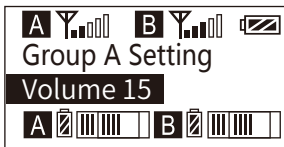
5.1 Short Press   button to ' Volume ' display page



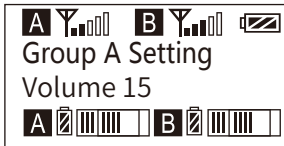
5.2 Long press  button to enter ' Volume ' display page



5.3 Short Press   button to adjust the volume

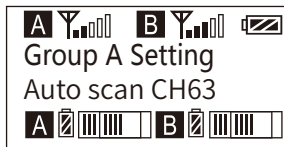


5.4 Short press  button to confirm

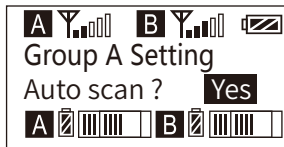


6. Group A/B Automatic Channel Scan

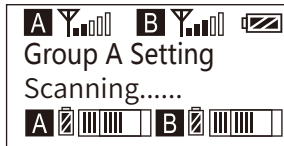
6.1 Short Press   button to ' Auto Scan ' display page



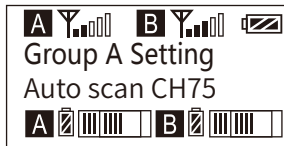
6.2 Long press  button to enter ' Auto Scan ' display page, and short press   button to select whether to auto scan



6.3 Short press  button to ' Scanning.....'.

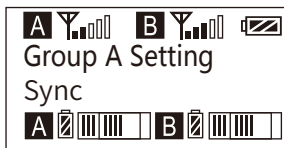


6.4 The best channel will be used after scanning Group A Setting

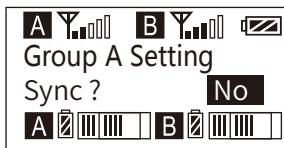


7.Group A/B IR Sync

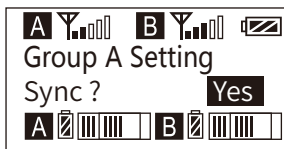
7.1 Short Press   button to ' Group A/B Setting ' display page



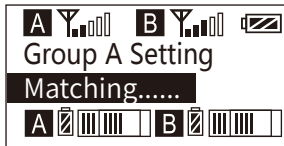
7.2 Long press  button to enter ' Group A/B Setting ' display page



7.3 Short press   button to select whether to sync

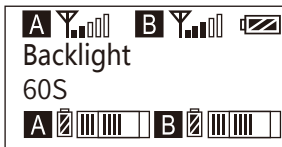


7.4 Short press  button to confirm sync

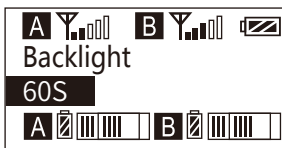


8. Backlight ' Lighting Time/Turn Off ' Adjustment

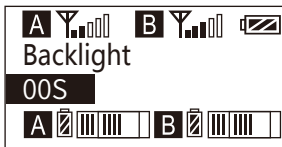
8.1 Short Press   button to ' Backlight Mode ' display page



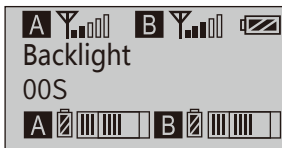
8.2 Long press  button to enter ' Backlight Mode ' display page



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

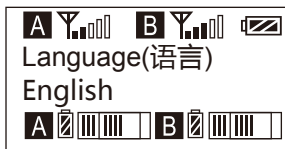


8.4 Short press  button to confirm

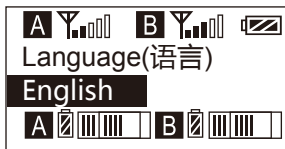


9. System Language

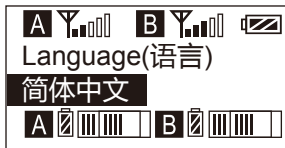
9.1 Short press   button to 'Language' display page



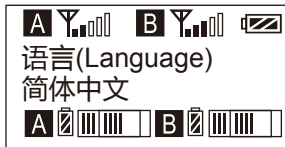
9.2 Long press  button to enter 'Language' display page



9.3 Short press   button to select language

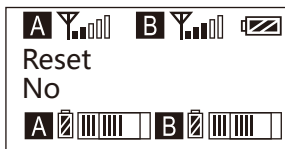


9.4 Short press  button to confirm

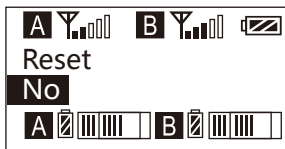


10. Reset to Defaults

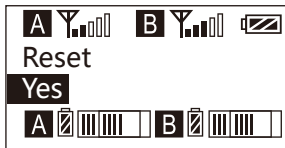
10.1 Press   button to ' Reset ' display page



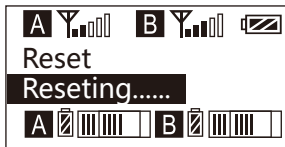
10.2 Long press  button to enter ' Reset ' display page



10.3 Short press   button to select whether to restore factory Setting

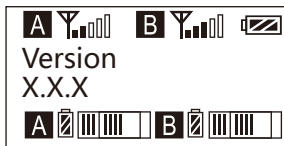


10.4 Short press  button to confirm and restore factory setting



11. Version

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



Specification

Lavalier Transmitter TX

Signal / Noise	>65dB
Antenna	1/4 Wavelength Wire Antenna
Stray Radiation	<-60dBc
Sound Delay	<20ms
Audio Distortion	<0.5%
Battery	AA Batteries x 2pcs
Dimension	84 x 63.5 x 23mm
Operating Temperature	0°C ~ 50°C
Storage Temperature	-20°C ~ 60°C

Hand-held Transmitter HTX

Signal / Noise	>65dB
Antenna	PCB Antenna
Stray Radiation	<-60dBc
Sound Delay	<20ms
Audio Distortion	<0.5%
Battery	AA Batteries x 2pcs
Dimension	Φ 53.5(MAX) x 253mm
Operating Temperature	0°C ~ 50°C
Storage Temperature	-20°C ~ 60°C

Receiver RX

Signal / Noise	>65dB
Antenna	1/4 Wavelength Wire Antenna
Receiving Sensitivity	<-93dBm
Stray Radiation	<-60dBc
Sound Delay	<20ms
Audio Distortion	<0.5%
Battery	AA Batteries x 2pcs
Dimension	84 x 63.5 x 23mm
Operating Temperature	0°C ~ 50°C
Storage Temperature	-20°C ~ 60°C

COMICA 科
PROFESSIONAL AUDIO EQUIPMENT 唛

CVM-WM200

UHF无线麦克风



用户使用手册

前 言

感谢您购买COMICA/科唛 WM200 UHF 无线麦克风。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，A/B 双路音频通道可选
- A/B/A+B通道快速切换
- 多频道, 可进行多场合多机位混用
- 拾音距离高达120m （空旷无干扰环境，有障碍环境高达80m）
- 低切功能
- 自动频道扫描，快速定位频道
- 红外对码
- 发射功率可调
- AA电池供电，可接外部电源供电
- 音量动态检测条
- 16级音量可调
- 发射端电量监控
- 多语言选择
- 单声道/立体声 多输出选择
- 低功耗，超强续航时间
- LCD点阵液晶屏，高清显示
- 全金属制造，优越屏蔽性能

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
- ⚠ 当需要长时间使用时，可用移动电源外部供电；而不要使用AC-DC电源供电，否则会引入噪音
- ⚠ 天线会影响工作距离，请保护好天线切勿进行人为损坏
- ⚠ 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，特别要避开附近的对讲机，并关闭附近的WIFI
- ⚠ 近距离使用该产品时，建议将此产品RF强度设置为“LOW”，可降低功耗增加续航时间
- ⚠ 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

包装清单

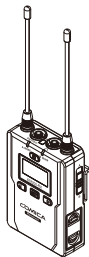
主体:



领夹发射器 (TX)



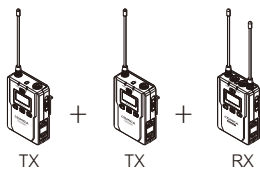
手持发射器 (HTX)



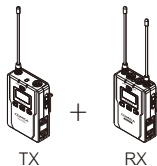
接收器 (RX)

搭配选择:

WM200(A) = 2TX + RX



WM200(C) = TX + RX



WM200-TX



WM200-RX



WM200-HTX



WM200/300-XLR

👉 WM200/300-XLR的使用方法请参照该产品自带的说明书

配件:

- ① 3.5mm MIC 音频输入线
- ② 3.5mm-3.5mm 音频输出线
- ③ 3.5mm-XLR 卡侬头音频输出线
- ④ USB-C充电线
- ⑤ 腰带夹
- ⑥ 冷靴快装板
- ⑦ 防风毛
- ⑧ 便携箱
- ⑨ 说明书
- ⑩ 保修卡



①



②



③



④



⑤



⑥



⑦



⑧



⑨



⑩

👉 每一个搭配的配件包括:

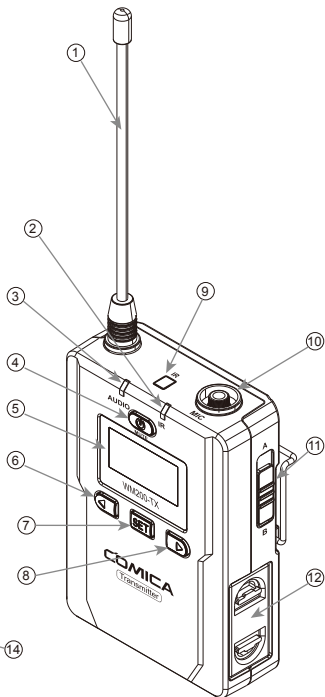
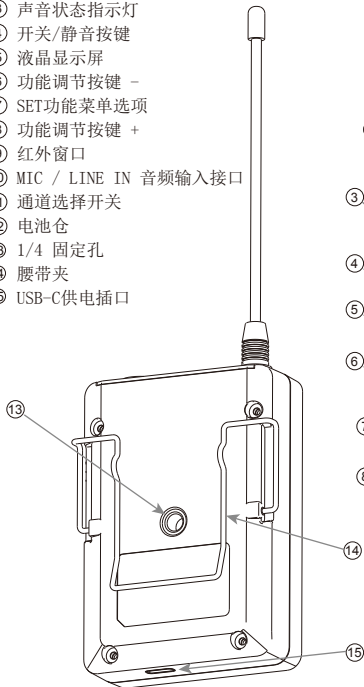
WM200 (A) = ①x2 + ② + ③ + ④ + ⑤x3 + ⑥ + ⑦x2 + ⑧ + ⑨ + ⑩

WM200 (C) = ① + ② + ③ + ④ + ⑤x2 + ⑥ + ⑦ + ⑧ + ⑨ + ⑩

部件说明

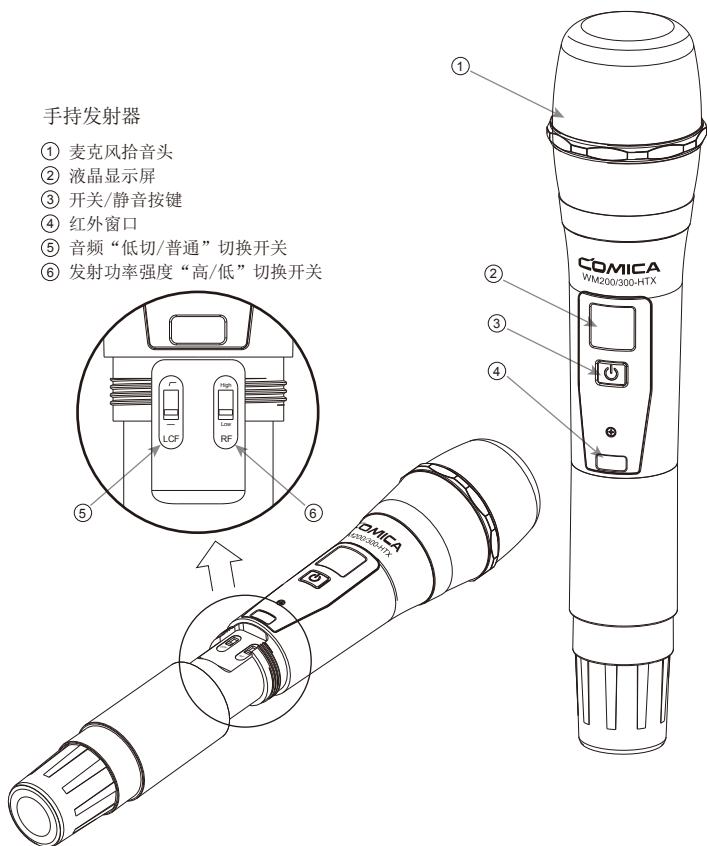
领夹发射器

- ① 天线
- ② 对码状态指示灯
- ③ 声音状态指示灯
- ④ 开关/静音按键
- ⑤ 液晶显示屏
- ⑥ 功能调节按键 -
- ⑦ SET功能菜单选项
- ⑧ 功能调节按键 +
- ⑨ 红外窗口
- ⑩ MIC / LINE IN 音频输入接口
- ⑪ 通道选择开关
- ⑫ 电池仓
- ⑬ 1/4 固定孔
- ⑭ 腰带夹
- ⑮ USB-C供电接口



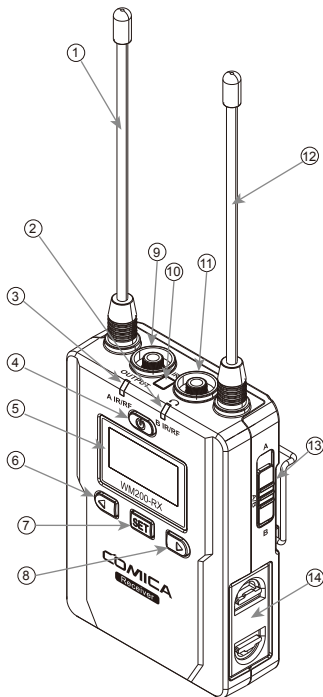
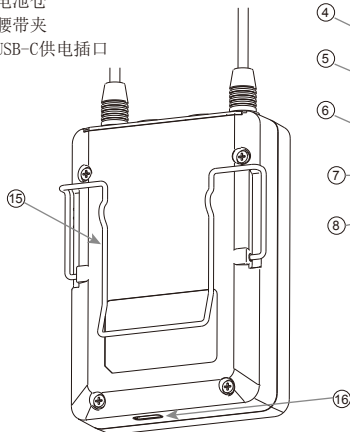
手持发射器

- ① 麦克风拾音头
- ② 液晶显示屏
- ③ 开关/静音按键
- ④ 红外窗口
- ⑤ 音频“低切/普通”切换开关
- ⑥ 发射功率强度“高/低”切换开关

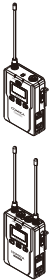


接收器

- ① A通道天线
- ② B通道工作状态指示灯
- ③ A通道工作状态指示灯
- ④ 开/关按键
- ⑤ 液晶显示屏
- ⑥ 功能调节按键 -
- ⑦ SET功能菜单选项
- ⑧ 功能调节按键 +
- ⑨ 3.5mm 音频输出接口
- ⑩ 红外窗口
- ⑪ 3.5mm 监听接口
- ⑫ B通道天线
- ⑬ 通道选择开关
- ⑭ 电池仓
- ⑮ 腰带夹
- ⑯ USB-C供电接口



按键说明

领夹发射器 /接收器 	开关/静音 按键 	长按 开机 / 关机	
		短按 静音 (此功能仅针对发射器， 静音功能开启并且屏幕 点亮后生效)	
	SET 功能菜单选规项 	长按 进入功能调节菜单	
	功能调节按键+ 	短按 功能调节 (+)	
	功能调节按键- 	短按 功能调节 (-)	
手持发射器 	开关/静音 按键 	长按 开机 / 关机	
		短按 静音 (屏幕点亮后生效)	
	音频“低切/普通”切换开关 	上推 低切	
		下推 普通	
	发射功率强度“高/低”切换 开关 	上推 功率强度高	
		下推 功率强度低	

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;

发射功率强度 高/低 切换作用:

功率强度高时,无线工作距离可达80-120M,功耗较高,电池使用时间短;

功率强度低时,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

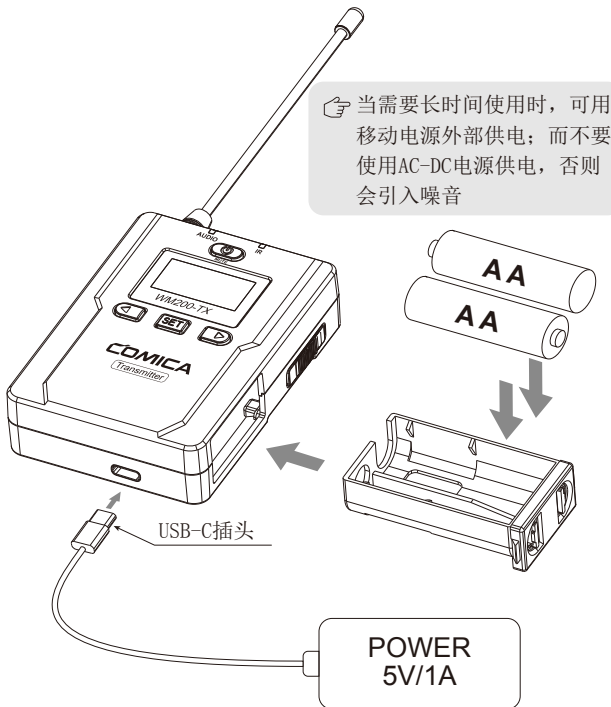
领夹 发射器	AUDIO	绿灯长亮	正常拾音状态 (此状态仅针对发射器,频道匹配成功后,接收器方可拾音)
		红灯长亮	静音状态
		红灯闪烁	低电量提醒
	IR	绿灯长亮	频道配对后 (无论是否匹配成功)
		红灯闪烁	频道配对中... (仅限红外对码时)
接收器	A IR/RF	绿灯长亮	频道匹配成功后的正常工作状态
		绿灯闪烁	频道匹配不成功
	B IR/RF	红灯闪烁	频道配对中... (仅限红外对码时)
			低电量提醒
		红灯长亮	通道关闭

 A IR/RF: A通道工作状态指示灯

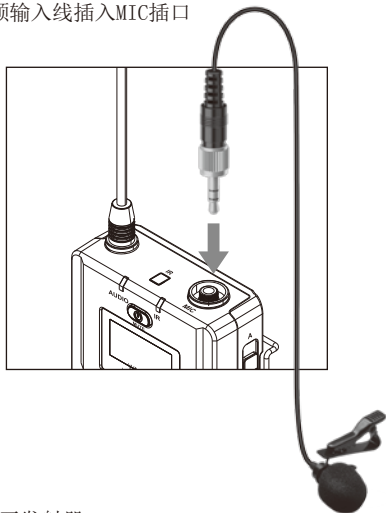
B IR/RF: B通道工作状态指示灯

领夹发射器

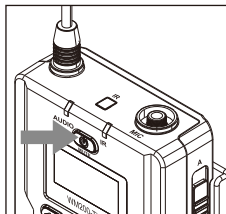
1. 将电池按照正负极指示装入发射器电池仓, 可使用外置电源供电, 通过USB-C电源线将电源与设备连接起来即可



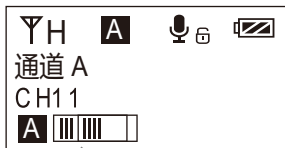
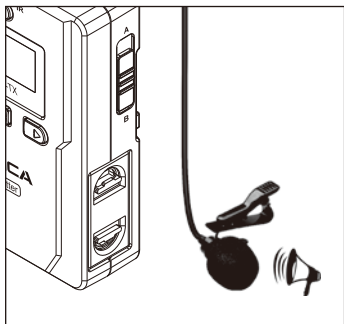
2. 把3.5mm MIC音频输入线插入MIC插口



3. 长按电源开关打开发射器

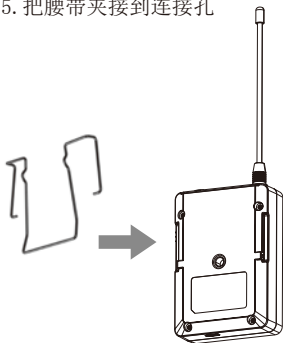


4. 将MIC 对准音源，根据屏幕上的音量指示条检测发射器是否正常工作



音频动态显示条

5. 把腰带夹接到连接孔

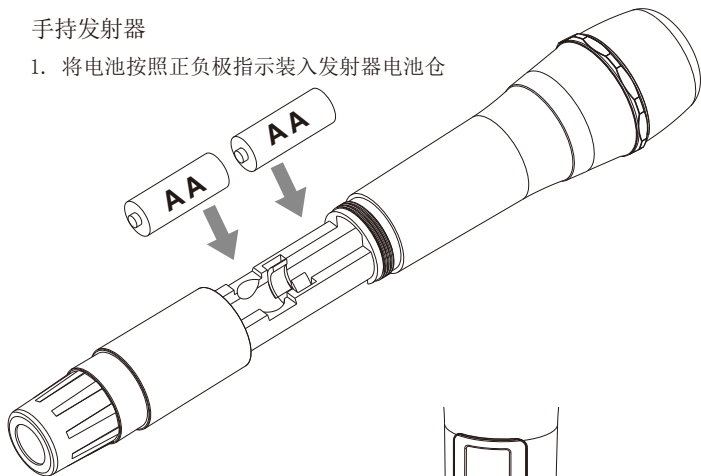


6. 与接收器进行频道匹配成功后，即可使用

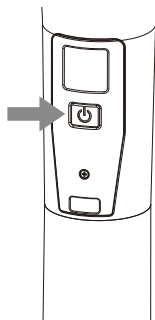
 频道匹配请见屏幕操作部分

手持发射器

1. 将电池按照正负极指示装入发射器电池仓



2. 长按电源开关打开手持发射器



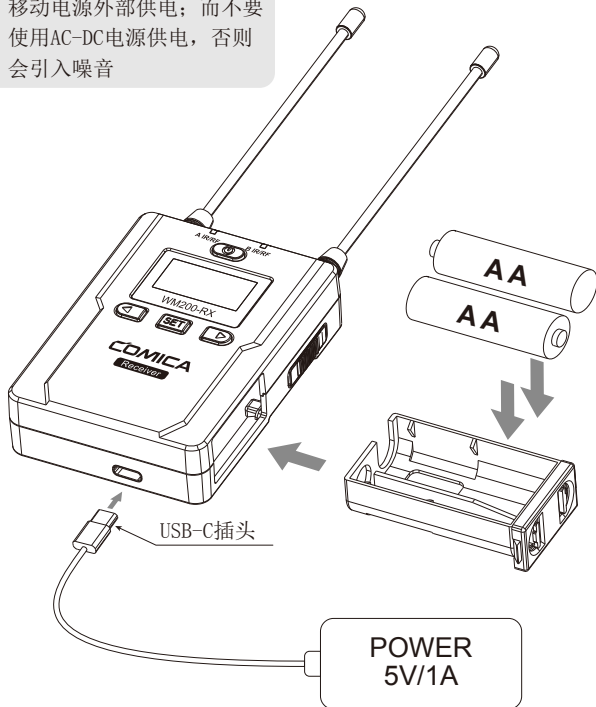
3. 与接收器进行频道匹配成功后，即可使用

 频道匹配请见屏幕操作部分

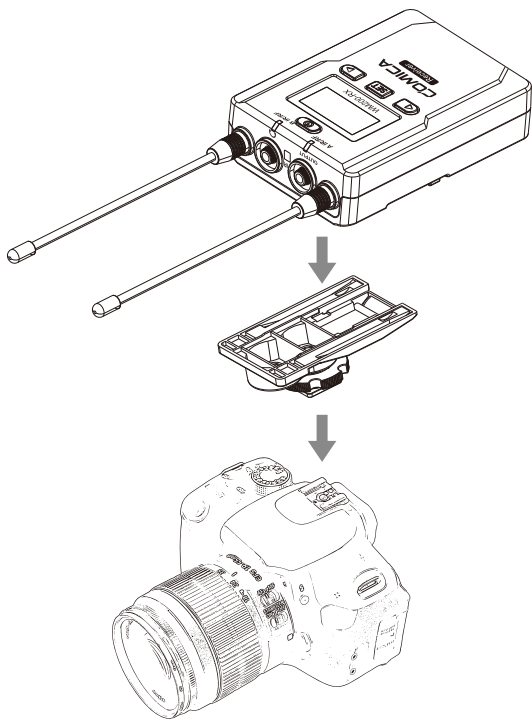
接收器

1. 将电池按照正负极指示装入接收器电池仓,可使用外置电源供电,通过USB-C电源线将电源与设备连接起来即可

👉 当需要长时间使用时,可用移动电源外部供电;而不要使用AC-DC电源供电,否则会引入噪音

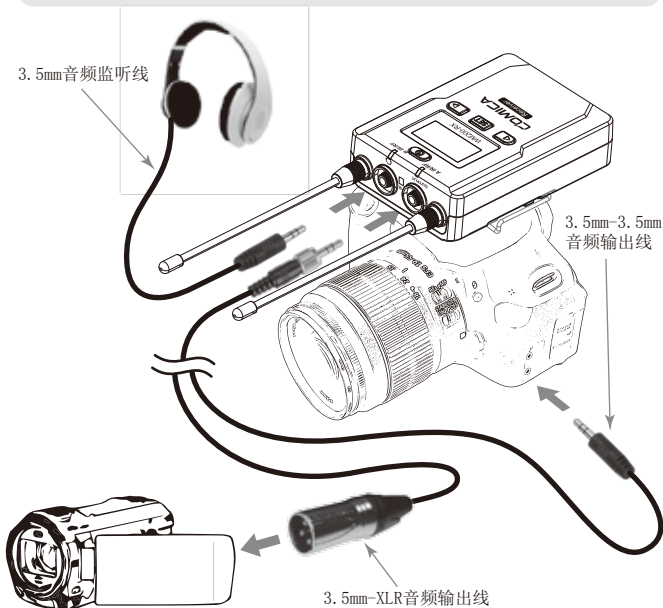


2. 通过冷靴快装板把接收器与摄影设备连接



3. 通过3.5mm-3.5mm 音频输出线插入OUTPUT接口把接收器与摄影设备连接，把耳机插入3.5mm 监听接口进行实时监听，长按电源按钮打开接收器

☞ 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。

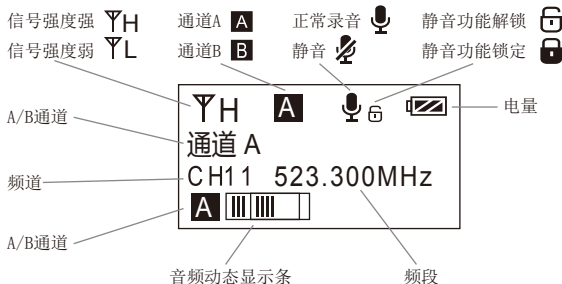


4. 与发射器进行频道匹配成功后，即可使用

☞ 频道匹配请见屏幕操作部分

领夹发射器

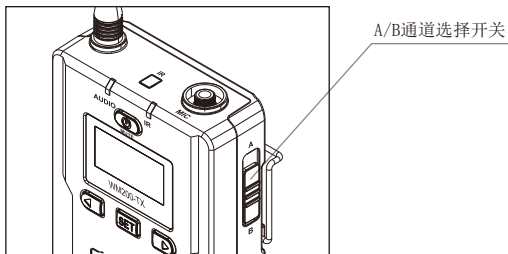
屏显说明



操作说明

1. A/B 通道选择

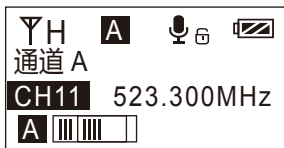
- 1.1 使用A/B通道选择开关选择本机通道，拨到A本机即是A通道，拨到B本机即是B通道





2. 手动调节发射器 CH 频道

2.1 在首页长按 **SET** 按键进入CH调节状态



2.2 使用 **<** **>** 按键选择所需频道



2.3 短按 **SET** 按键确定



3. MIC/LINE IN 输入模式调节

3.1 使用   按键调到“输入设置”界面



3.2 长按按键  进入输入音源选择状态



3.3 使用   按键选择“MIC输入”或“LINE IN输入”模式



3.4 短按  按键确定

 Mic模式是针对麦克风音源输入；

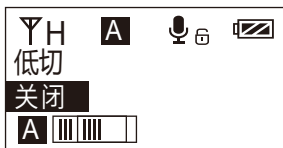
Line in模式是针对外部音源输入，比如手机音乐播放等，
选择对应的输入模式会有更好的音频效果

4. 低切“低 / 高 / 关闭”调节

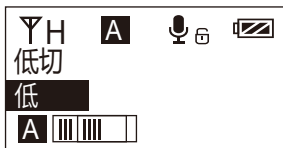
4.1 使用 按键调到“低切”界面



4.2 长按按键 进入低切选择状态



4.3 使用 按键选择“低”、“高”或“关闭”音源低切功能



4.4 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。

5. 发射功率调节

5.1 使用   按键调到“发射功率”界面



5.2 长按按键  进入发射功率调节状态



5.3 使用   按键调节发射功率强度



5.4 短按  按键确定

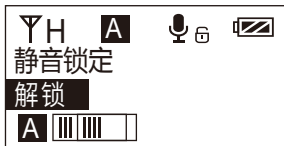


6. 静音功能解锁/锁定

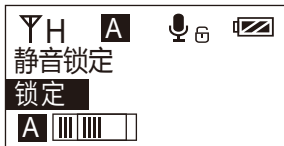
6.1 使用   按键调到“静音锁定”界面



6.2 长按按键  进入静音锁定选择状态



6.3 使用   按键选择解锁/锁定静音功能



6.4 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：

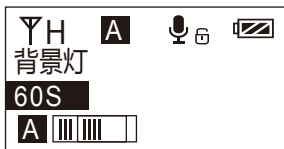
静音必须在屏幕点亮的时候才能操控，按下任何按键使屏幕点亮，再短按  按键切换静音模式。

7. 背景灯 “点亮时间/关闭” 调节

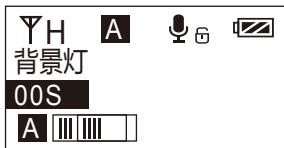
7.1 使用 ◀ ▶ 按键调到 “背景灯” 界面



7.2 长按按键 **SET** 进入背景灯调节状态



7.3 使用 ◀ ▶ 按键调节背景灯点亮的延迟时间，也可以关闭以省电



7.4 短按 **SET** 按键确定



8. 系统语言选择

8.1 使用   按键调到“语言 (Language)”界面



8.2 长按按键  进入语言选择状态



8.3 使用   按键选择需要的语言



8.4 短按  按键确定

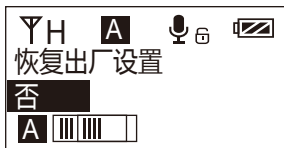


9. 恢复出厂设置

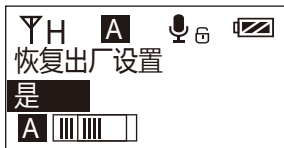
9.1 使用   按键调到“恢复出厂设置”界面



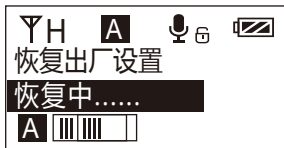
9.2 长按按键  进入恢复出厂设置操作状态



9.3 使用   按键选择是否恢复出厂设置



9.4 短按  按键确定, 即可恢复出厂设置



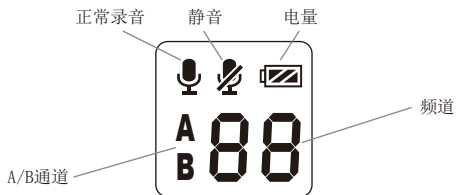
10. 固件版本号

10.1 使用   按键调到“版本号”界面查看本机固件的版本



手持发射器

屏显说明



操作说明

1. 开机与静音切换

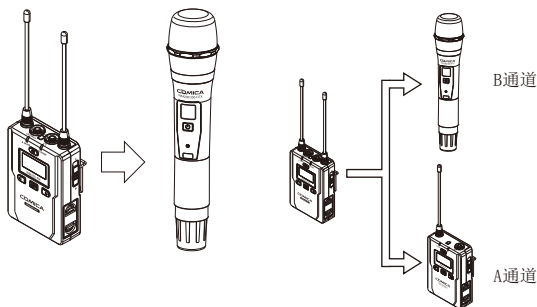
- 1.1 长按电源开关  2秒开机或关机
- 1.2 在开机状态，短按电源开关  进行静音切换



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

2. 红外对码

2.1 频道设置通过红外对码完成



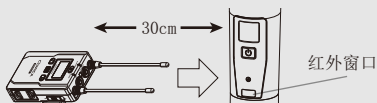
👉 手持发射器默认开机通道是B通道，可根据接收器进行通道及频道切换。

如使用接收器A通道进行对码，对码成功后，即为：A通道 CH XX

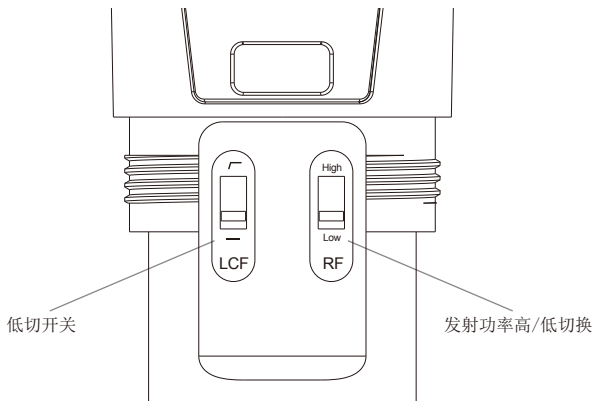
如使用接收器B通道进行对码，对码成功后，即为：B通道 CH XX

手持发射器与领夹发射器混用时，两种发射器要设置到不同的通道

👉 对码的时候接收器要对手持发射器的红外接受窗，不能被遮挡住。

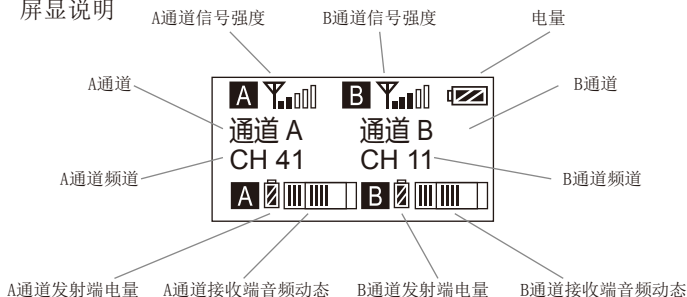


2.2 拨动开关定义



接收器

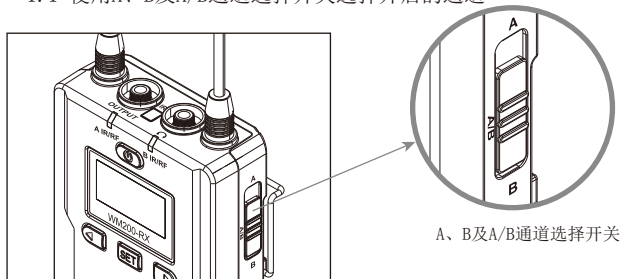
屏显说明



操作说明

1. A、B及A/B通道选择

1.1 使用A、B及A/B通道选择开关选择开启的通道

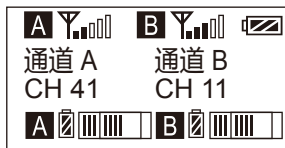




开关调到A
A通道打开，B通道关闭



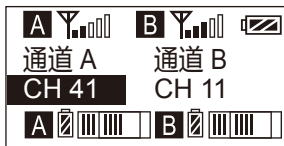
开关调到B
B通道打开，A通道关闭



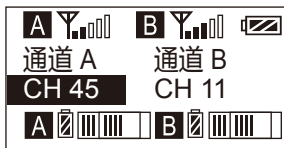
开关调到A/B
A通道打开，B通道打开

2. 手动调节接收器A/B 通道的频道

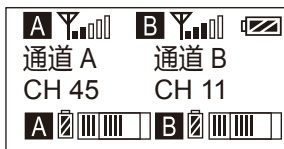
- 2.1 在首页长按 **SET** 按键进入通道A的CH调节状态，再次短按 **SET** 按钮切换到通道B的CH调节状态



- 2.2 使用 **<** **>** 按键选择所需频道

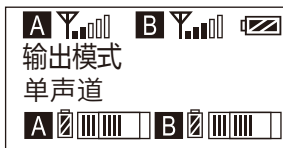


- 2.3 短按 **SET** 按键确定

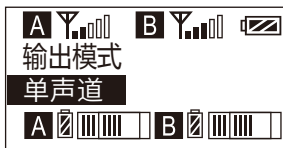


3. 音频输出模式 “立体声/单声道” 调节

3.1 使用 ◀ ▶ 按键调到“输出模式”界面

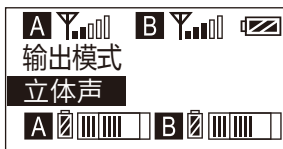


3.2 长按 SET 按键进入输出模式选择状态



3.3 使用 ◀ ▶ 按键选择“立体声/单声道”输出,

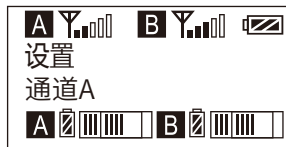
短按 SET 按键确定



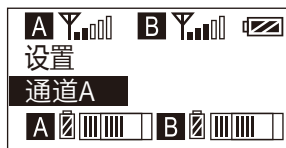
👉 当设置到单独的A或B通道时，无此设置项，音频输出为MONO 模式。

4. A/B通道功能设置

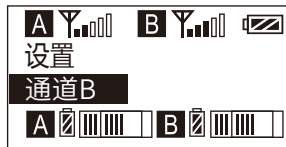
4.1 使用   按键调到“通道设置”界面



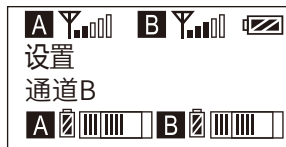
4.2 长按  按键进入通道选择状态



4.3 使用   按键选择要切换的通道

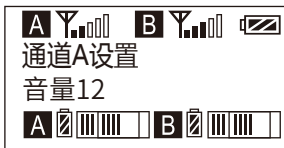


4.4 短按  按键确定

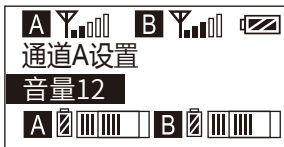


5. A/B通道音量调节

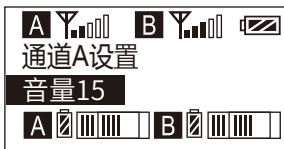
5.1 使用   按键调到“通道音量设置”界面



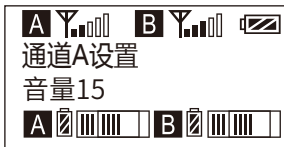
5.2 长按  按键进入音量调节状态



5.3 使用   按键调节音量大小



5.4 短按  按键确定

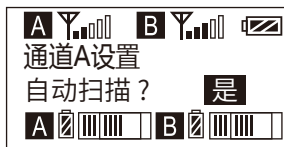


6. A/B通道自动通道扫描

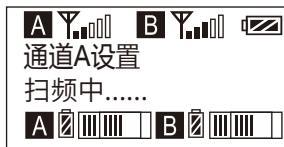
6.1 使用   按键调到“通道扫描”界面



6.2 长按  按键进入通道扫描操作状态，使用   按键选择是否扫描



6.3 短按  按键进行自动通道扫描

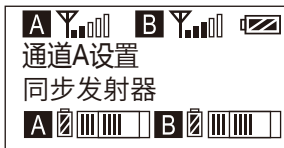


6.4 扫描完毕会使用扫描到的最佳通道

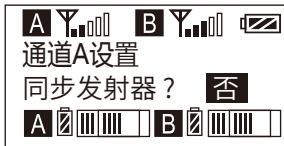


7. A/B通道红外对码

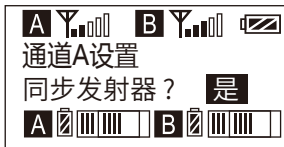
7.1 使用   按键调到“同步发射器”界面



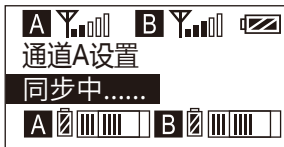
7.2 长按  按键进入同步发射器操作状态



7.3 使用   按键选择是否同步

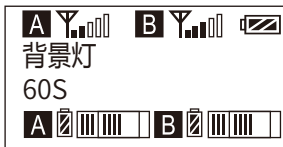


7.4 短按  按键进行同步

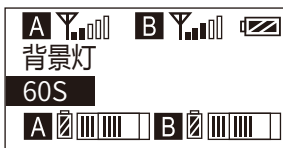


8. 背景灯“点亮时间/关闭” 调节

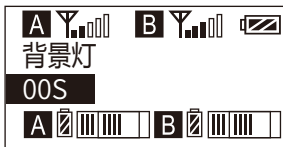
8.1 使用   按键调到“背景灯”界面



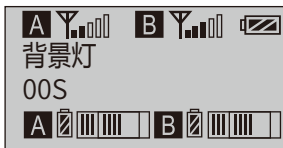
8.2 长按按键  进入背景灯调节状态状态



8.3 使用   按键调节背景灯点亮的延迟时间，也可以关闭以省电



8.4 短按  按键确定

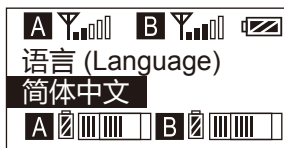


9. 系统语言选择

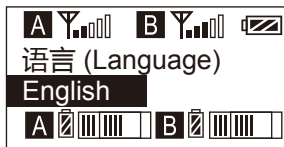
9.1 使用   按键调到“语言 (Language)”界面



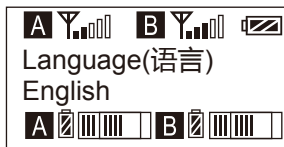
9.2 长按按键  进入语言选择状态



9.3 使用   按键选择需要的语言

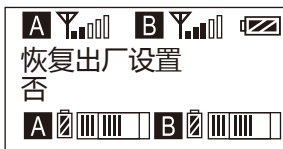


9.4 短按  按键确定

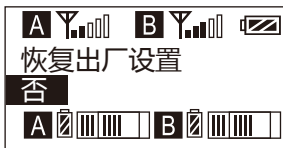


10. 恢复出厂设置

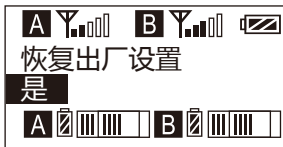
10.1 使用   按键调到“恢复出厂设置”界面



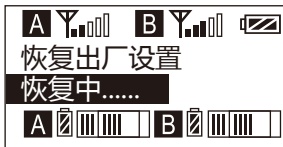
10.2 长按按键  进入恢复出厂设置操作状态



10.3 短按   选择是否恢复出厂设置

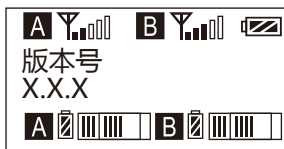


10.4 短按  按键确定，即可恢复出厂设置



11. 固件版本号

11.1 使用 ◀ ▶ 按键调到“版本号”界面查看本机固件的版本



技术规格

领夹发射器 TX

信噪比	>65dB
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%
电池	两节 AA 电池
尺寸	84 x 63.5 x 23mm
工作温度	0 °C ~ 50 °C
存储温度	-20 °C ~ 60 °C

手持发射器 HTX

信噪比	>65dB
天线	PCB 天线
杂散辐射	<-60dBc
声音延迟	<20ms
音频失真	<0.5%
电池	两节 AA 电池
尺寸	Φ 53.5 (MAX) x 253mm
工作温度	0 °C ~ 50 °C
存储温度	-20 °C ~ 60 °C

接收器 RX

信噪比	>65dB
天线	1/4 波长导线天线
接收灵敏度	<- 93dBm
杂散辐射	<-60dBc
声音延迟	<20ms
音频失真	<0.5%
电池	两节 AA 电池
尺寸	84 x 63.5 x 23mm
工作温度	0 °C ~ 50 °C
存储温度	-20 °C ~ 60 °C



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