

Mcoplus[®]

UHF Wireless
Microphone System
WMU96



User Manual

Foreword

Thanks for purchasing MCOPLUS UHF-WMU96 wireless microphone

UHF-WMU96 is an wireless microphone with dual-transmitter triggered by one receiver,it utilizes UHF wireless FM technology and high-resolution lattice screen,16-level adjustable volume,and integrated into LCF(Low Cut Filter Mode), Auto-scanning, 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.

Main Features

- USE 2X AA Battery
- Manual or Auto IR Sync
- Transmitter Power Monitor
- Audio Dynamic Display Bar
- LCF Low Cut Filtering Mode
- 16 Levels Volume Adjustment
- Adjustable RF Signal Strength
- Lattice LCD Display, High Resolution
- Mono/Stereo Switchable Output Modes
- ABS Manufacturing, Excellent Shielding
- Auto-scanning for Quick Channel Selection
- Used for Multiple Devices Working Together
- Low-consumption, Super-long Standby Time
- Dual Transmitters Triggered by One Receiver, 1/2 Double Group Options
- Working Distance is Up to 120m (120m in Open Area, 80m in Barrier Area)



120m Working Distance



Dual-Mic Trigger



1or 2 Group Fast Switch



Audio Dynamic Display Bar



Low Cut Filter



Auto-scanning



Adjustable RF Signal Strength



Auto IR Sync



Transmitter Power Monitor



16 Levels Volume Adjustment



Mono/Stereo Audio Switch



Real-time Monitor



AA Battery



Low Power Consumption



Lattice LCD



Optional Language

Notice

- △ Please keep this product in dry environment;
- △ The antenna will affect the working distance. Please protect the antenna and avoid any man-made damage;
- △ Do not expose the device in rain or humid environment, otherwise there will be a danger of short circuit;
- △ When using auto IR sync, please stay within 60cm, 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;
- △ 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 smart phone 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 original recording system of some android systems, the third-party APP is recommended to be used in this case);

Package Contents

Main Parts:



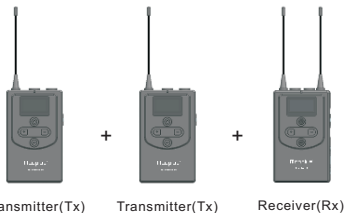
Transmitter(Tx)



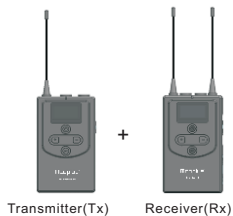
Receiver(Rx)

Multiple Selections:

WMU96(A)=2TX + RX



WMU96(B)=TX + RX



Accessories:



3.5mm Mic Input Cable



3.5mm-3.5mm Output Cable



3.5mm-XLR Output Cable



Cold Shoe



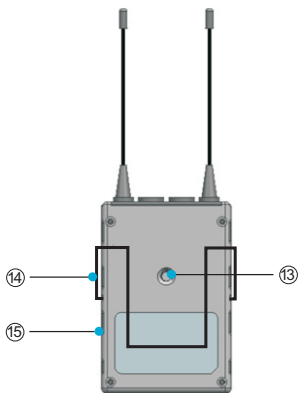
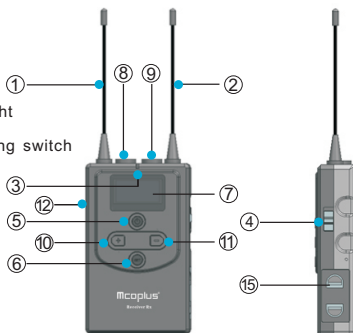
Belt Clip



User Manual

Components

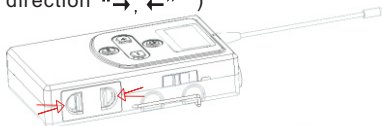
- ① Group 1 Antenna
- ② Group 2 Antenna
- ③ Group PowerWorking Status Indicator Light
- ④ Group 1-group1 and 2-Group 2 exchanging switch
- ⑤ Power Switch
- ⑥ SET Function Button
- ⑦ LCD Screen
- ⑧ 3.5mm Audio Output Socket
- ⑨ 3.5mm Monitoring Socket
- ⑩ Function Selection Button +
- ⑪ Function Selection Button -
- ⑫ IR Sensor
- ⑬ 1/4Cold boots fixed hole
- ⑭ Belt Clip
- ⑮ AA Battery Compartments



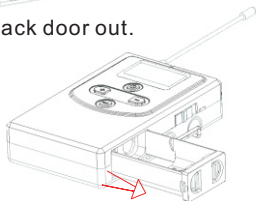
Battery Installation

Transmitter and receiver is powered by 2 AA batteries, please follow the steps to install the battery:

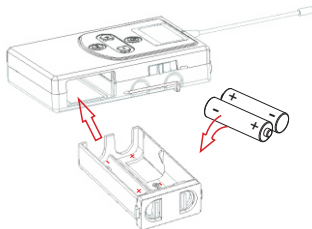
1. To open the battery cover door, you have to press the door. (please follow the arrow direction “→, ←”)



2. Take the battery pack door out.



3. Install the batteries to the compartment according to its positive and negative poles, and then put it back in the microphone body.










⚠ Attention

Please make sure to turn the microphone in “off” condition while you intend to install the battery, in case the microphone will produce big noise when it is working.

• Battery Instruction

When the power is on, LCD screen will display the electric quantity of the batteries. Before you install the batteries, please check out whether the battery is still in expiration date.

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/Exit the function menu
		Short Press	1.Confirm the selected function 2.Exit the function adjustment menu
	+Button 	Short Press	Function Adjustment (+)
-Button 	Short Press	Function Adjustment (-)	

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.

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.

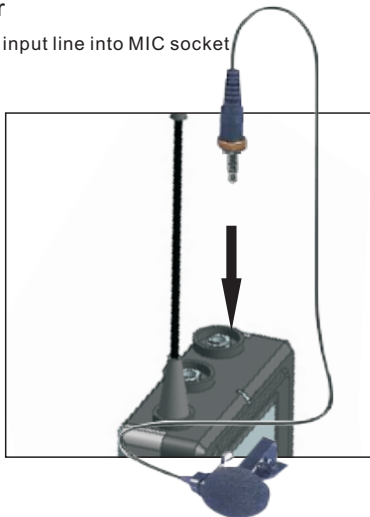
WMU96 LED Indicator Light Instruction

TX	POWER	Power full	green light
		Power half	red light
		Power low	red light flash
RX	POWER	Power full	green light
		Power half	green light flash
		Power low	red light flash

Installation and Usage

Lavalier Transmitter

1. Insert the 3.5mm audio input line into MIC socket



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



3. After the channel matching with the receiver, it could check whether transmitter is work normally according volume bar display

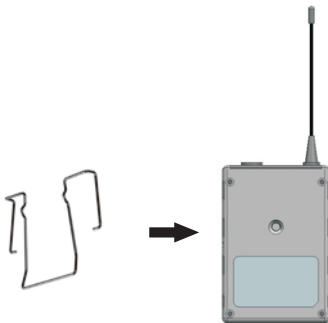


Mic gain
0 dB
4 dB
7 dB
12 dB
16 dB
19 dB
24 dB



Audio dynamic display bar

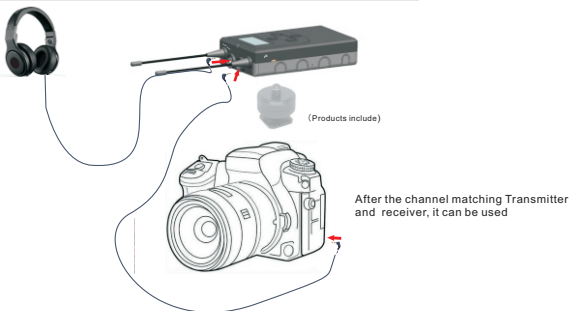
4. Connect the belt clip to the connection hole



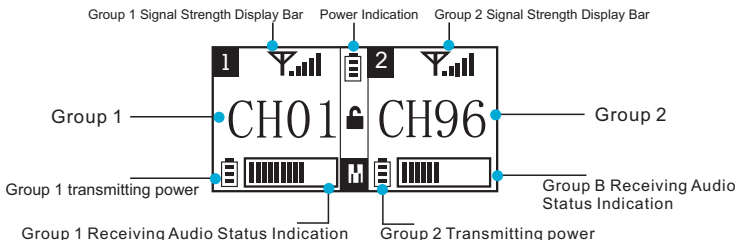
Receiver

1. Connect the receiver to the video device through the cold shoe
2. Insert the 3.5mm-3.5mm audio OUTPUT line into the OUTPUT port, and insert the headphone into the 3.5mm monitoring socket for real-time monitoring, then long press the power button to turn on the receiver

▶ Please refer to screen operation instruction for channel matching.



Receiver screen description



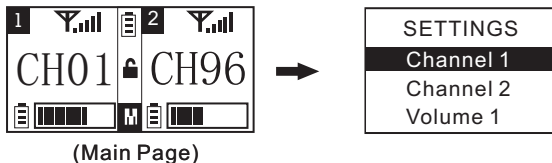
- ▶ When Group 1/2 is on, the background color of channel 1 is black;
When Group 1/2 is off, channel 1 display is transparent .



Receiver Operation

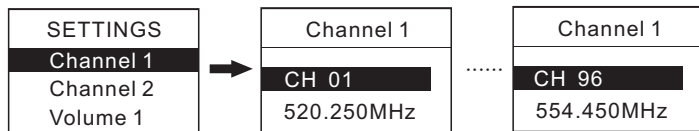
Manually adjust the receiver channel 1/2

Long press **SET** button into setting page

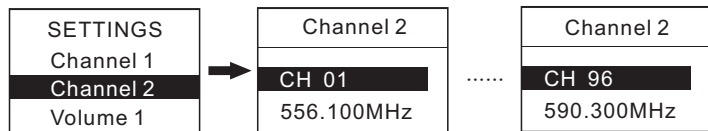


1. Adjust frequency of channel 1/2 by **+**/**-** button

① Short press **SET** choose channel 1, then press **+**/**-** to choose frequency.

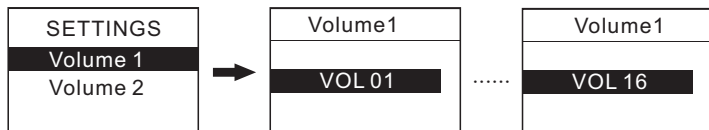


② Short press **SET** choose channel 2, then press **+**/**-** to choose frequency.

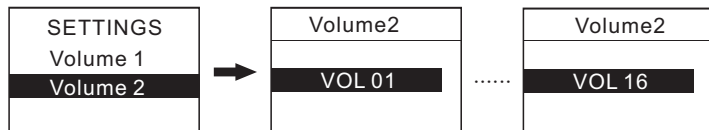


2.1/2 Volume

- ① Short press **[SET]** choose Volume1, then press **[+/-]** to adjust volume.

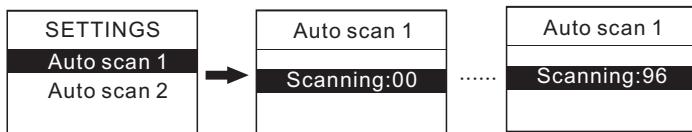


- ② Short press **[SET]** choose Volume2, then press **[+/-]** to adjust volume.

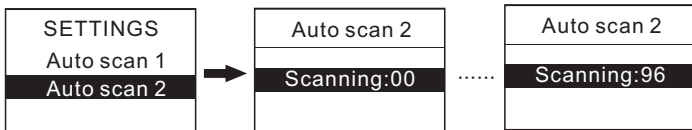


3. 1/2 Auto scan

- ① Short press **[SET]** choose Auto scan 1, then Auto scan automatically.



- ② Short press **[SET]** choose Auto scan2, then Auto scan automatically.



Automatically scan and ensure the best frequency according to the environment for users' reference

4. IR Sync 1 / 2 Selection

- ① Short press **[SET]** choose "IR Sync 1", Receiver automatically paired with transmitter 1 frequency



Pair the Channel Through Infrared Sync



- ▶ During matching, don't shield the infrared receiving screen of the transmitter against the receiver.

- ② Short press **SET** choose "IR Sync 2", Receiver automatically paired with transmitter 2 frequency



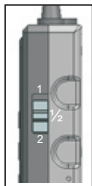
Pair the Channel Through Infrared Sync




- ▶ During matching, don't shield the infrared receiving screen of the transmitter against the receiver.

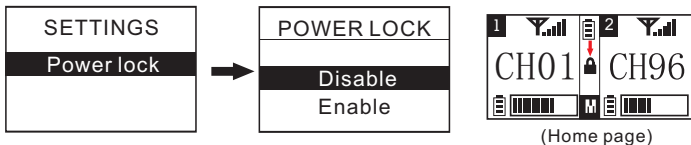
5. Channel 1 or Channel 2 Radio Exchanging Switch

- ① Slide Switch Button : turn to channel 1/Channel 2/Channel 1/2



6. Power Lock


- ① Short press **SET** choose "Power lock", then press  to choose Disable/Enable.



When open power lock, power button is lock, it will not power off when long press power button. (avoid misoperation power off)

If want return normal, operate as this: long press SET button → Select the power button lock → Choose close power lock.

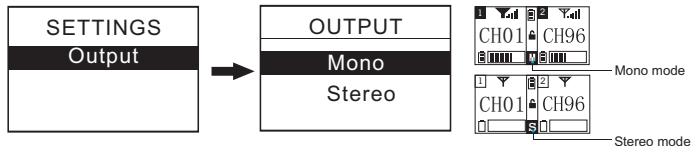
7. Backlight "lighting time/turn off" Adjustment

- ① Short press **SET** choose "LCD light", then press  to choose mode.



8. Audio output mode “Stereo/mono” adjustment

- ① Short press **SET** choose “Output”, then press **+**/**-** to choose mode.



9. System Language

- ① Short press **SET** choose “Language (语言)”, then press **+**/**-** to choose mode.



10. Reset to Defaults

- ① Short press **SET** choose “Reset”, then press **+**/**-** to choose mode.



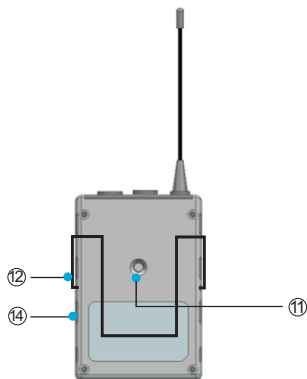
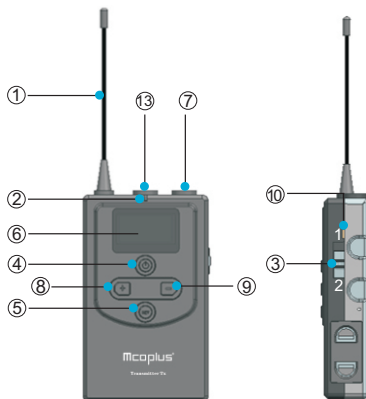
11.Version

① Short press **SET** button to Version display page

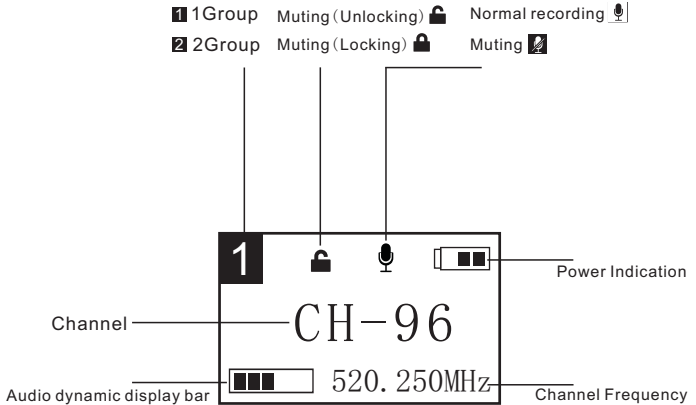


Components and Instruction

- ① Antenna
- ② Power Working Status Indicator Light
- ③ Channel 1 or Channel 2 Radio Exchanging Switch
- ④ Power / Muting Button
- ⑤ SET Function Button
- ⑥ LCD Screen
- ⑦ MIC External Input
- ⑧ Function Selection Button +
- ⑨ Function Selection Button -
- ⑩ IR Sensor
- ⑪ 1/4 Mounting Hole
- ⑫ Belt Clip
- ⑬ LINE IN External Input
- ⑭ AA Battery Compartments



Emitter screen description



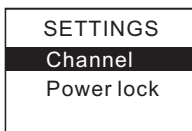
Operation Instruction

Manually Adjust the Channel of Transmitter

Long press **SET** button to setting displys page



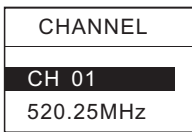
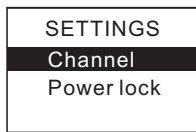
(Main Page)



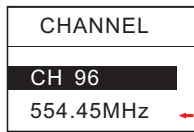
1. Group 1 / 2 Selection

- ① Short press **SET** enter "Channel", then press  to choose frequency.

Group 1 Carrier frequency, 520.25MHz~554.45MHz

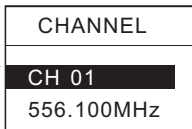
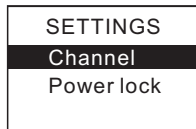


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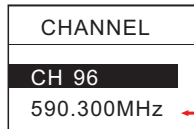


- ② Short press **SET** choose "Channel", then press  to choose frequency.

Group 2 Carrier frequency, 556.100MHz~590.300MHz

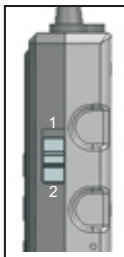


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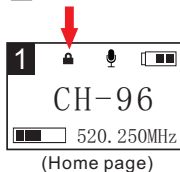
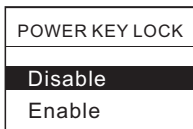
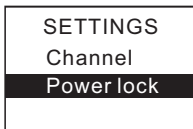
2.Group 1/2 Adjustment

- ① Slide Switch Button : turn to channel 1/Channel 2



3. Power Lock

- ① Short press **SET** choose "Power lock", then press **+** to choose "Disable/Enable"

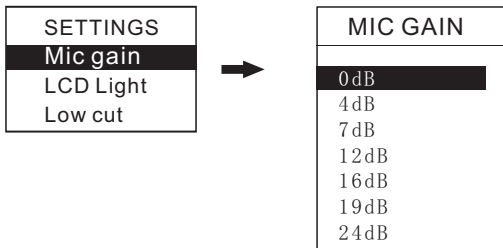


When open power lock, power button is lock, it will not power off when long press power button. (avoid misoperation power off)

If want return normal, operate as this: long press SET button → Select the power button lock → Choose close power lock.

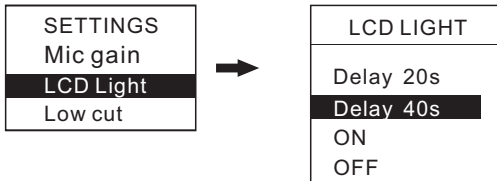
4. Mic gain

- ① Short press **SET** choose “Mic gain”, then press **+/-** to choose Microphone gain effect.



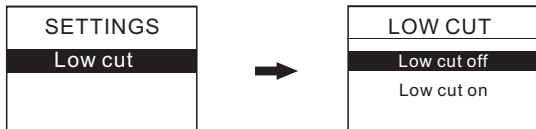
5. Backlight “Lighting time/turn off” Adjustment

- ① Short press **SET** choose “LCD Light”, then press **+/-** to choose mode



6.Low cut On/OFF”Settings

- ① Short press **SET** button to “Low Cut Filter” display page



Low cut function

- ▶ 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. 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.

7. Input Mode

- ① Choice Line in /Mic in



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

8.RF Power

- ① Short press **SET** choose "RF power", then press **+/-** to choose mode.



9.System Language

- ① Short press **SET** enter "Language (语言)", then press **+/-** to choose mode.



10.Reset to Defaults

- ① Short press **SET** enter "Reset", then press **+/-** to choose Yes/NO.



11.Version

- ① Short press **SET** button to Version display page



Product technical specifications

Transmitter TX

Channels	96
Group 1 Carrier frequency	520.250MHz~554.450MHz
Group 2 Carrier frequency	556.100MHz~591.300MHz
Transmit power	17dBm

Receiver RX

Channels	96
Group 1 Carrier frequency	520.250MHz~554.450MHz
Group 2 Carrier frequency	556.100MHz~591.300MHz

Transmitter Spec.

Channels	96
Groups	1 or 2
Wireless Frequency	520.25 MHz- 591.30MHz
Signal to Noise Ratio	$\geq 70\text{dB}$
Stray Radiation	-60dB
Transmitter	40mW
Sound delay	<10 ms
Antenna	1/4 Wavelength Wire Antenna
Reference deviation	$\pm 5\text{kHz}$ (-60dBV, 1kHzinput)
Audio Distortion	$\leq 0.5\%$
Reference Audio Input Level	-40dB(Microphone Input, 0dB decrease)
Battery Type	2xAA Battery
Weight	about 79.5g
Dimensions	220 × 64 × 24mm
Operating Temperature	0°C– 50°C
Storage Temperature	-20°C–55°C

Receiver Spec.

Channels	96
Groups	1 and 2
Wireless Frequency	520.25 MHz- 591.30MHz
Antenna	1/4 Wavelength Wire Antenna
Audio Output Level	- 10dB
Headphone Output Level	87mW(32 Ω)
Receiver Sensitivity	-95dB
Signal to Noise Ratio	≥ 70 dB
Sound delay	<10 ms
Frequency Respond	40Hz- 18kHz(+/-3dB)
Reference deviation	± 5 kHz (-60dBV.input1kHz)
Audio Distortion	$\leq 0.5\%$
Battery Type	2xAA Battery
Weight	ablut 79.5g
Dimensions	220×64×24mm
Operating Temperature	0°C- 50°C
Storage Temperature	-20°C-55°C

前言

感谢您购买麦瑞斯 UHF-WMU96 无线麦克风；

UHF-WMU96是一款一拖二塑料材质无线麦克风,采用UHF无线调频技术及高清点阵屏,双通道,96个频道,1/2组快速切换,16级可调音量,并融入了低切功能,自动通道扫描,红外对码,立体声/单声道音频模式切换,RF信号强度可调,MIC/LINE IN输入双选,接收端无线电量检测,拾音动态显示,LCD背光时间可调等多种功能,同时具备强大的屏蔽抗噪性能,此款麦克风供电方式是2节AA电池,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

- 低切功能
- 发射功率可调
- 16级音量可调
- 动态音量检测条
- 发射端电量监控
- 可手动/自动红外对码
- 低功耗,超强待机时间
- 可进行多场合多机位混用
- 单声道/立体声多输出选择
- LCD点阵液晶屏,高清显示
- ABS制造,优越屏蔽性能
- 自动通道扫描,快速通道定位
- 一拖二,1/2 双路音频通道可选
- 使用2节AA电池供电
- 收音距离高达120m(空旷无干扰环境,有障碍环境高达80m)



低功耗



发射功率可调



16级音量可调



音频检测条



发射端
电量监控



自动红外对码



低切功能



一拖二



单声道
立体声可选



LCD点阵屏



1/2组
快速切换



实时监听



AA电池



语言可选



自动通道扫描



工作距离
高达120m

注意事项

- △ 请在干燥环境中对该产品进行储存.
- △ 天线会影响工作距离, 请保护好天线并勿进行人为损坏.
- △ 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.
- △ 进行红外对码时, 请保持在60cm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池干扰.
- △ 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)

包装清单

主体:



发射器(TX)



接收器(RX)

搭配选择:

WMU96(A)=2TX + RX



WMU96(B)=TX + RX



产品清单:



3.5mm Mic音频输入线



3.5mm-3.5mm音频输出线



3.5mm-XLR卡头音频输出线



冷靴座



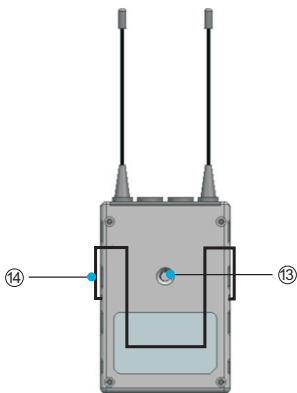
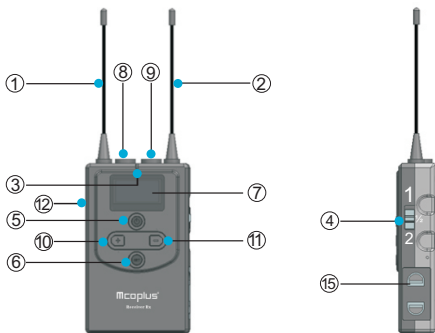
腰带夹



说明书

接收器部件介绍说明

- ① 通道天线1
- ② 通道天线2
- ③ 电源工作状态指示灯
- ④ 1-½-2组音频通道切换
- ⑤ 开/关按键
- ⑥ SET功能菜单选项
- ⑦ 液晶显示屏
- ⑧ 3.5mm音频输出接口
- ⑨ 3.5mm监听接口
- ⑩ 功能调节按键+
- ⑪ 功能调节按键-
- ⑫ 红外对码IR窗口
- ⑬ 1/4冷靴固定孔
- ⑭ 腰带夹
- ⑮ AA电池仓



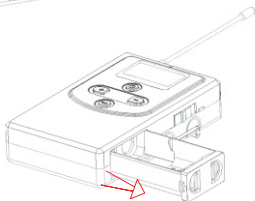
安装电池

发射器和接收器都由两个AA电池供电, 要安装电池, 请遵循以下步骤:

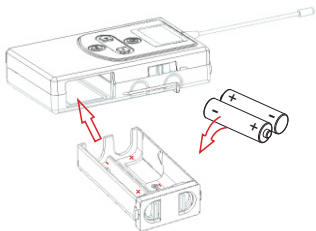
1. 打开电池舱, 滑动电池仓向内 (沿箭头方向, 即 “→, ←” 方向)



2. 取出电池舱



3. 按电池仓内电池的极性与电池仓的指示安装, 将电池插入电池仓内, 然后将电池仓放回在原来的位置。










▲ 注意

请确保麦克风关闭, 因为在信号传输期间取出电池舱可能会导致高噪音。

• 电池指示

当您打开电源时, 电池状态由显示屏中的电池指标显示。在使用新电池之前, 务必检查电池的有效期。

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 功能菜单选项 	长按 进入/退出设置菜单	短按 1. 确定所选功能 2. 退出功能调节菜单
	功能调节按键+ 	短按 功能调节(+)	
	功能调节按键- 	短按 功能调节(-)	

信号强度 高/低 切换作用：

信号强度高时，无线工作距离可达80-120m, 功耗较高，电池使用时间短；
 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；

WMU96 LED指示灯定义

96的电源灯，是满电绿灯，电量不足红灯。低电量红灯闪烁即将关机

TX/发射器	POWER/电源指示灯	电量充足	绿灯常亮
		电量不足	红灯常亮
		低电量即将关机	红灯闪烁
RX/发射器	POWER/电源指示灯	电量充足	绿灯常亮
		电量不足	红灯常亮
		低电量即将关机	红灯闪烁

发射器

1. 把3.5mm音频输入线插入MIC插口



2. 长按电源开关打开发射器



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 (如下图)

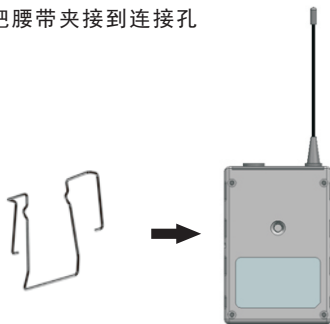


麦克风增益
0dB
4dB
7dB
12dB
16dB
19dB
24dB



音频动态显示条

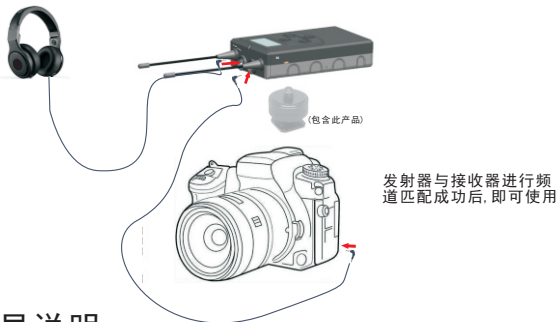
4. 把腰带夹接到连接孔



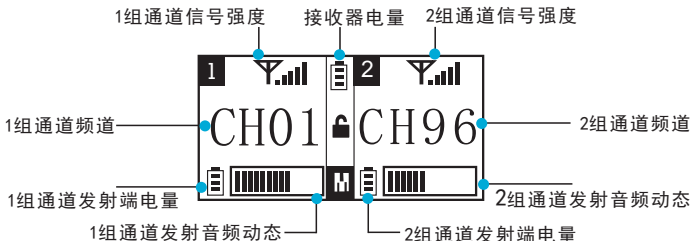
接收器

1. 通过冷靴把接收器与录影设备连接
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。

▶ 频道匹配请见屏幕操作部分



接收器屏显说明



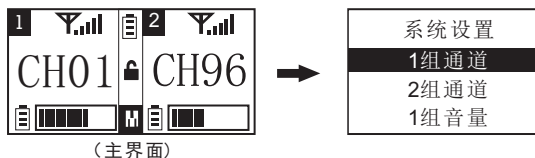
- ▶ 当1/2通道打开时,图标1/2背景颜色为黑色,当1/2通道关闭时,图标背景颜色是透明的或无背景色



接收器操作说明

手动调节接收器1/2通道的频道

长按按键 **SET** 进入系统设置界面



1. 使用 **+**/**-** 按键选择本机1/2组通道


① 短按 **SET** 按键选择“1组通道”, 再按 **+**/**-** 调节频道




② 短按 **SET** 按键选择“2组通道”, 再按 **+**/**-** 调节频道



2. 1/2通道音量调节

- ① 短按 **SET** 按键选择“1组音量”，再按  调节音量

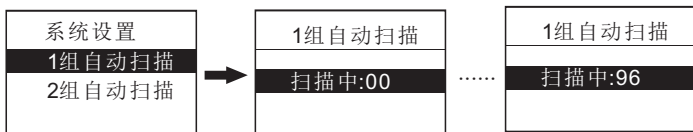


- ② 短按 **SET** 按键选择“2组音量”，再按  调节音量

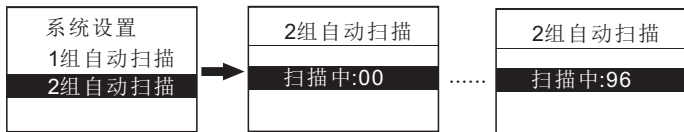


3. 1/2 自动扫描

- ① 短按 **SET** 按键选择“1组自动扫描”




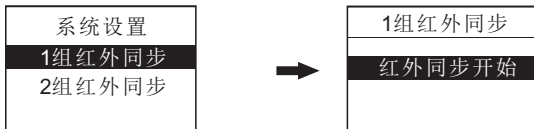
- ② 短按按钮  调整到“2组自动扫描”界面



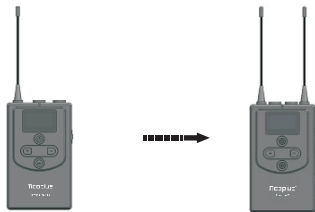
系统会根据环境自动扫描，选择合适的频道供用户参考

4. 红外对码

- ① 短按  按键选择“1组红外同步”

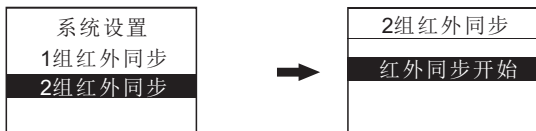


红外对码示意图

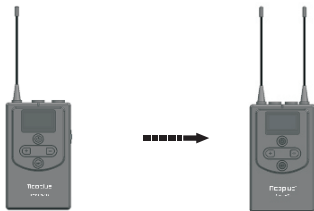


▶ 对码的时候接收器要对着发射器的红外接受窗，不能被遮挡住

② 短按 **SET** 按键选择“2组红外同步”



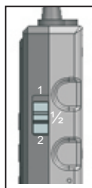
红外对码示意图




▶ 对码的时候接收器要对着发射器的红外接受窗，不能被遮挡住

5. 1-1/2-2组音频通道切换

① 侧面滑动键 1-1/2-2 可选择组1, 组1和组2, 组2




6. 电源按键锁定

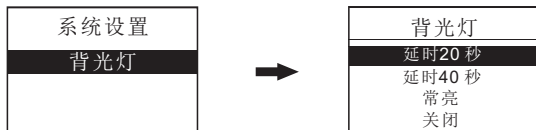
- ① 短按 **SET** 按键选择“电源按键锁定”，再按  调节




接收器:当电源键锁定时,长按电源键不会关机(避免误操作关机),其他功能键正常。
如需恢复长按SET → 电源按键锁定 → 关闭

7. 背景灯光“点亮时间/关闭”调节

- ① 短按 **SET** 按键选择“背光灯”，再按  调节界面




8. 系统输出设置

- ① 短按 **SET** 按键选择“输出设置”，再按  调节界面




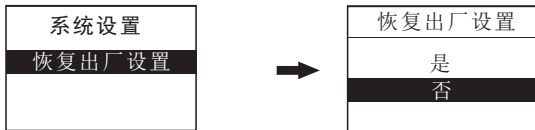
9. 系统语言选择

- ① 短按按钮 **SET** 调整到Language (语言) 界面,再按  调节



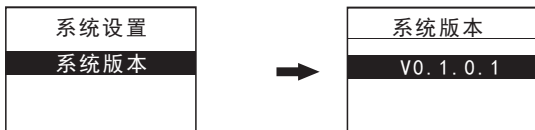
10. 恢复出厂设置

- ① 短按 **SET** 按键选择“恢复出厂设置”，再按  调节



11. 系统版本

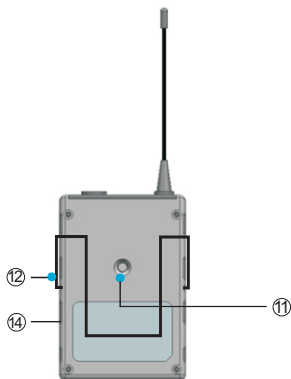
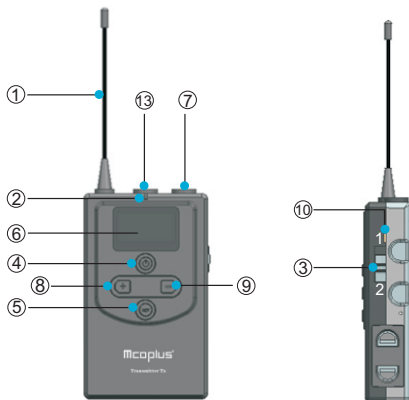
- ① 短按按钮 **SET** 调到“版本号V0.1.0.1”界面查看本相机固件的版本



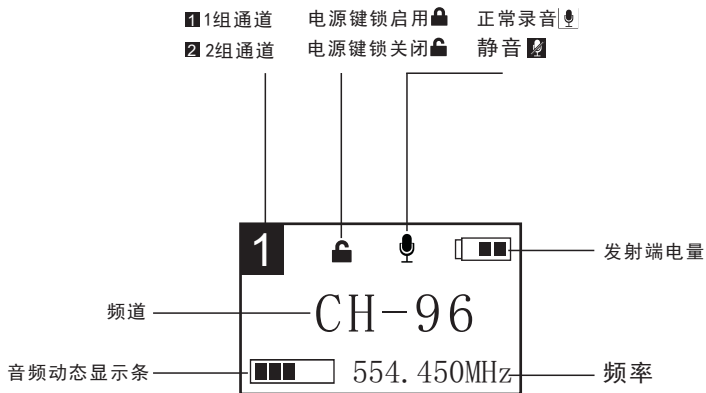
发射器功能说明

发射器部件介绍说明

- ① 通道天线
- ② 电源工作状态指示灯
- ③ 1/2组音频通道切换
- ④ 开/关按键
- ⑤ SET功能菜单选项
- ⑥ 液晶显示屏
- ⑦ 3.5mm麦克风接口
- ⑧ 功能调节按键+
- ⑨ 功能调节按键-
- ⑩ IR红外窗口
- ⑪ 1/4冷靴固定孔
- ⑫ 腰带夹
- ⑬ Line in 插孔
- ⑭ AA电池仓



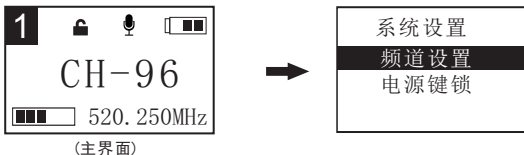
发射器屏显说明




操作说明

手动调节发射器的频道

长按按键 **SET** 进入设置界面




1. 手动设置频道

① 短按 **SET** 按键选择“频道设置”, 再按  调节频道.

Group1频道载波频率(520.25MHz~554.450MHz)




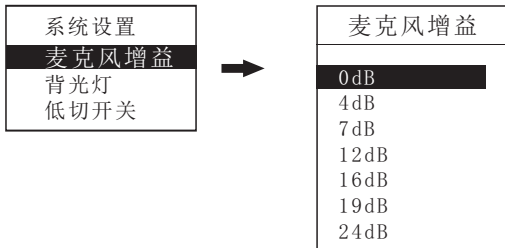
② 短按 **SET** 按键选择“频道设置”, 再按  调节频道

Group2频道载波频率(556.100MHz~590.300MHz)




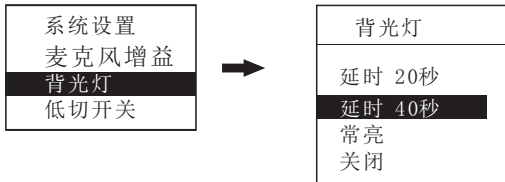
4. 麦克风增益

- ① 短按 **SET** 按键选择“麦克风增益”，再按  调节



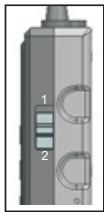
5. 背光灯

- ① 短按 **SET** 按键选择“背光灯”，再按  调节




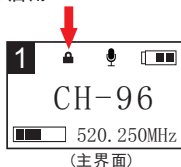
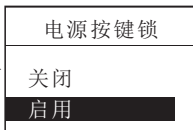
2. 1-2组音频通道切换

- ① 侧面滑动键1-2可选择组1, 组2打开



3. 电源键锁


- ① 短按 **[SET]** 按键选择“电源键锁”, 再按  调节“关闭/启用”

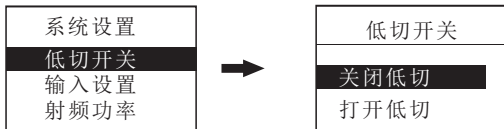


发射器:当电源键锁定时, 长按电源键不会关机(避免误操作关机), 其他功能键正常, 短按电源键也有静音Mute效果.

如需恢复长按SET → 电源键锁定 → 关闭

6. 调节低切开关

- ① 短按 **[SET]** 按键选择“低切开关”,再按  调节“关闭/打开”



低切功能作用：

- ▶ 低切功能开启会把音源低频部份过滤掉，比如野外昆虫的鸣叫声和人群的噪音，主音源也会更清脆,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；


7. 输入设置

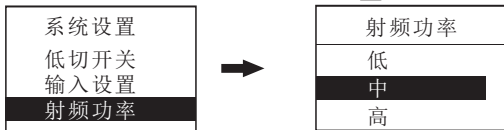
- ① 发射器可根据需求选择“LINE IN/MIC”



- ▶ 麦克风输入模式是针对麦克风音源输入；
线路输入模式模式是针对外部电源输入，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。

8. 射频功率

- ① 短按 **SET** 按键选择“射频功率”，再按  调节“低/中/高”



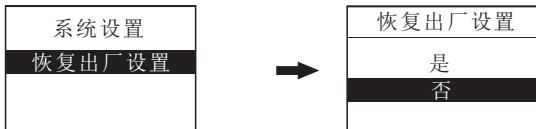
9. 系统语言选择

- ① 短按按钮 **SET** 调整到Language (语言) 界面, 再按  调节



10. 恢复出厂设置

- ① 短按按钮 **SET** 调整到恢复出厂设置, 再按  调节



11. 系统版本号

- ① 短按按钮 **SET** 调整到“系统版本”



产品技术规格

领夹发射器TX

频道数	96
Group 1 载波频率	520.25MHz~554.450MHz
Group 2 载波频率	556.100MHz~590.300MHz
发射功率	17dBm

接收器RX

频道数	96
Group 1 载波频率	520.250MHz~554.450MHz
Group 2 载波频率	556.100MHz~590.300MHz

发射器规格

通道数量	96
通道组数	1 或 2
频率范围	520.25 MHz- 591.30MHz
信噪比	$\geq 70\text{dB}$
杂散抑制	-60dB
发射功率	40mW
声音延迟	<10 ms
天线	1/4波长
参考偏差	$\pm 5\text{kHz}$ (-60dBV, 1kHz输入)
失真度	$\leq 0.5\%$
参考音频输入电平	-40dB (麦克风输入, 0dB衰减)
电池类型	2节AA电池
重量	约 79.5g
尺寸	220 × 64 × 24mm
工作温度	0°C- 50°C
储存温度	-20°C-55°C

接收器规格

通道数量	96
通道组数	1 和 2
频率范围	520.25 MHz- 591.30MHz
天线	1/4波长
音频输出电平	-10dB
耳机输出电平	87mW (32 Ω)
接收灵敏度	-95dB
信噪比	≥ 70 dB
声音延迟	< 10 ms
频率响应	40Hz-18kHz (+/-3dB)
参考偏差	± 5 kHz (-60dBV, 输入1kHz)
失真度	$\leq 0.5\%$
电池类型	2节AA电池
重量	约 79.5g
尺寸	220 \times 64 \times 24mm
工作温度	0 $^{\circ}$ C- 50 $^{\circ}$ C
储存温度	-20 $^{\circ}$ C-55 $^{\circ}$ C



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TEL: +86-755-89325423
info@mcoplus213.com

Made in China



Warning:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.