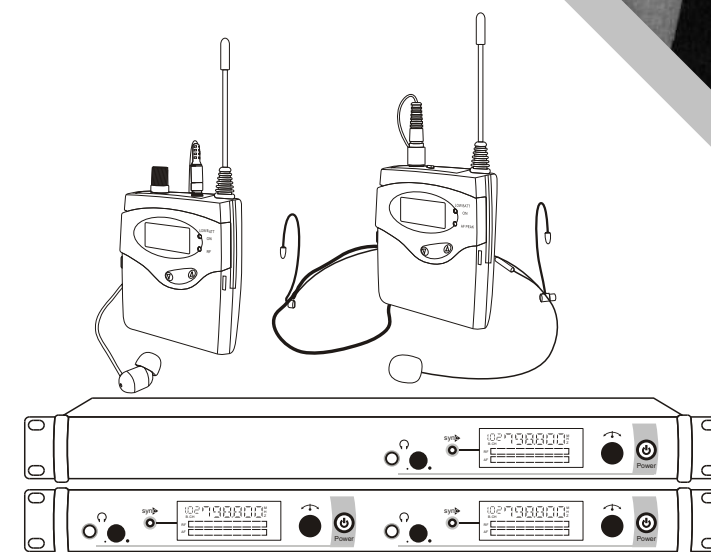


无线监听系统 IN-EAR MONITOR SYSTEMS

The specification won't do and
further notice for the improvement
Actual product will not be as pictured

由于产品在不断改良中，
参数可能更改恕不另行通知
图片可能与实物有差异，应以实物为准

使用说明书 USER INSTRUCTION



In uses the unit before, please read the instruction manual carefully
and keep the instruction manual properly in order to need in future.
在使用本产品之前，请仔细阅读说明书并请妥善保存，以备将来了解需要。

Preface

Thank you for choosing our multi-channel microphone products. In order to guarantee you use this products well, please read this instruction booklet carefully before using, understood correct operating procedures, to obtain the best effect.

Security and Environment

1. Keep the facility under cool condition, and do not put this machine in the site which is high temperature, moist, dusty or close to liquid stuff.
2. Do not open the machine in case Fire, electric shock risk.
3. Only can use the power adapter which the machine offers and confirm whether the working power voltage is fit for adapter access specification. It may be damage if using adapter that supply by other distributor.
4. Turn off the machine and pull out the adapter when you leave for long time.

Product presentation

1. This wireless Ear-monitor System is used in stage performance and sound broadcast which can replace traditional complex sound monitoring equipment, achieve admirable listening effect.
2. With using the latest high frequency transmission and audio signal dynamic processing technology, also improve the signal-to-noise ratio of the dynamic range so that the system has the best anti-interference to show the perfect original sound again.

Main features

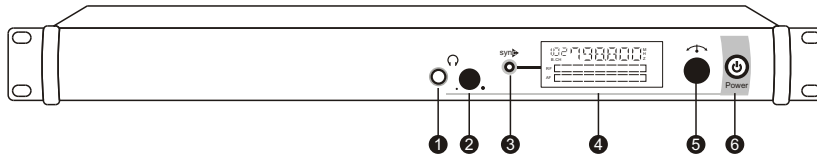
- UHF band Phase lock PLL
- Among the band of 32MHz, the preset 40 frequencies can be arbitrary switching
- Dynamic expansion circuit, greatly improve signal-to-noise ratio
- Elegant liquid crystal display panel
- With power and RF receiving indicator lamp
- With using two No. 5 batteries and efficient power circuit, long service time
- Metal housing, sturdy and durable
- The transmitter adopts balanced and unbalanced sharing socket
- The transmitter is with output monitoring phone jack

Main function

The system consists of a mini receiver and transmitter combination, and its main function and characteristics are described below:

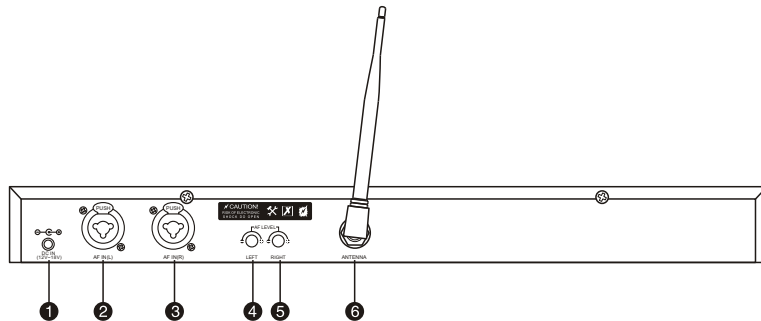
- Among the band of 32MHz, you can preset 40 frequencies which can be arbitrary switching.
- With using advanced circuit design, clear the receiving blind angle to make the system's receiving signal steady. The system is strong resistance to fall because of the housing is made by tough metal material. It is the best choice of stage performance monitor product.

Single Channel Desktop Transmitter Front View



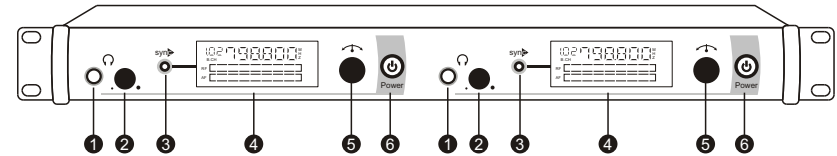
1. 6.35mm headphone output: connect stereo headphone, monitor output signal
2. Headphone volume potentiometer: adjust stereo headphone volume
3. SET selection: choose setting function
4. LED: display operation and content
5. DOWN selection: choose setting function
6. Power switch: turn on/turn off

Single Channel Desktop Transmitter Front View



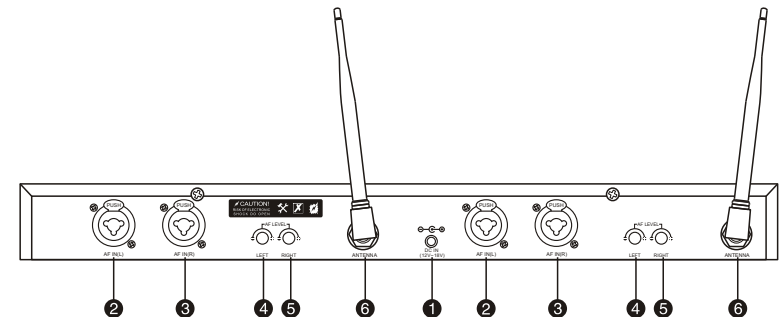
1. DC power socket: connect with 12V DC power input socket, the socket center connect positive voltage
2. The left channel: balanced and unbalanced sharing input
3. The right channel: balanced and unbalanced sharing input
4. Left volume adjustment potentiometer
5. Right volume control potentiometer
6. Antenna

Double Channel Desktop Transmitter Front View



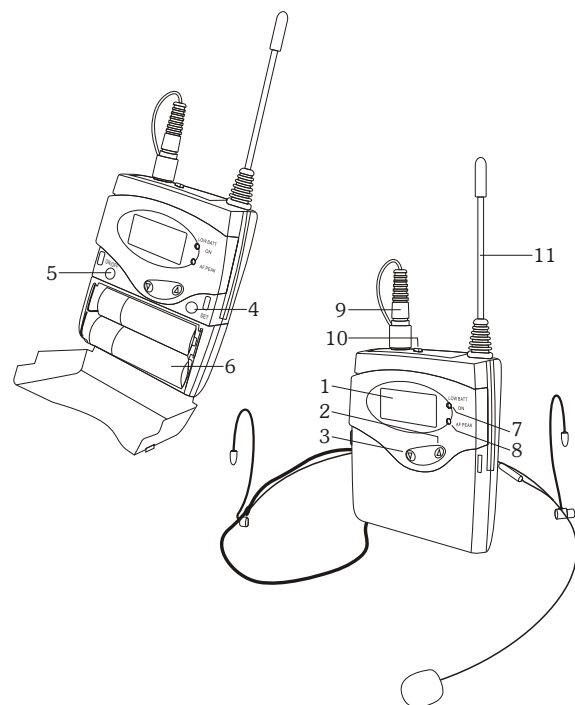
1. 6.35mm headphone output: connect stereo headphone, monitor output signal
2. Headphone volume potentiometer: adjust stereo headphone volume
3. SET selection: choose setting function
4. LED: display operation and content
5. DOWN selection: choose setting function
6. Power switch: turn on/turn off

Double Channel Desktop Transmitter Front View



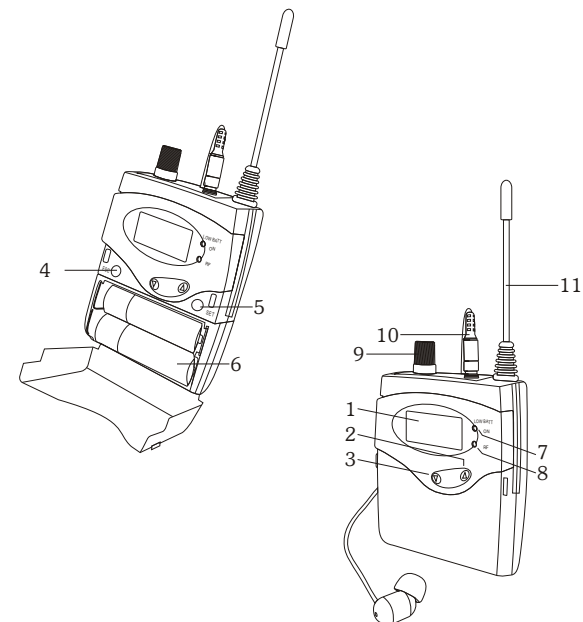
7. DC power socket: connect with 12V DC power input socket, the socket center connect positive voltage
8. The left channel: balanced and unbalanced sharing input
9. The right channel: balanced and unbalanced sharing input
10. Left volume adjustment potentiometer
11. Right volume control potentiometer
12. Antenna

Bodypack Transmitter



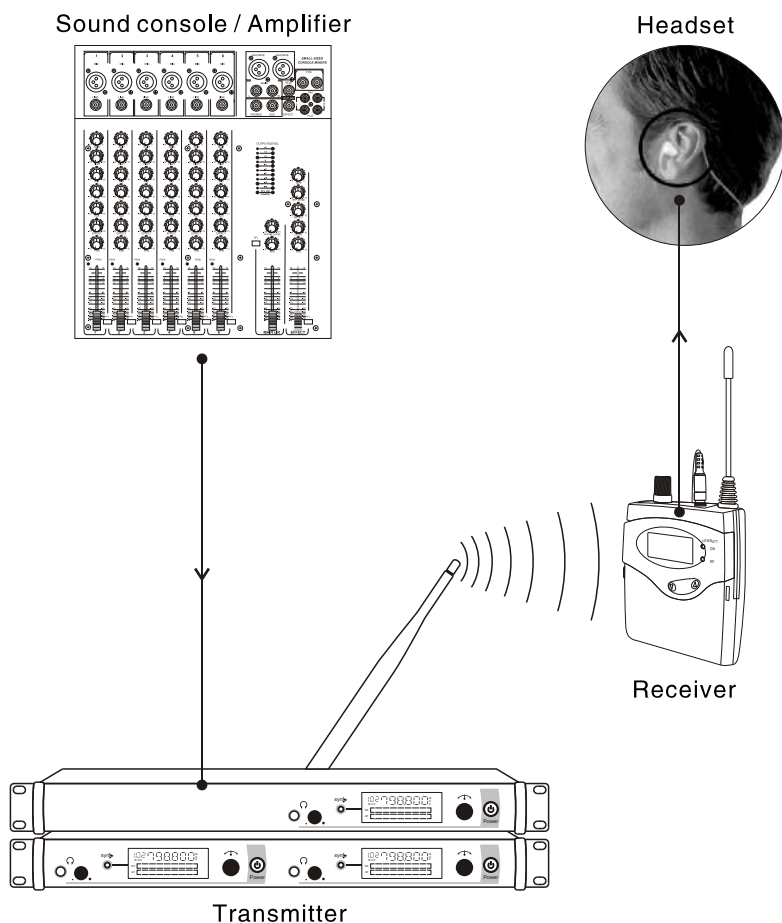
1. LED: Display working content
2. UP selection: choose setting function
3. DOWN selection: choose setting function
4. SET selection: choose setting function
5. Power switch: turn on/turn off
6. Battery warehouse: after inserting two number 5 batteries, cover it
7. low voltage indicator lamp:batteries work out
8. Volume peak indicator light
9. Mic input in
10. Mute switch
11. Antenna

Bodypack Receiver



1. LED: Display working content
2. UP selection: choose setting function
3. DOWN selection: choose setting function
4. SET selection: choose setting function
5. Power switch: turn on/turn off
6. Battery warehouse: after inserting two number 5 batteries, cover it
7. low voltage indicator lamp:batteries work out
8. RF indicator light: indicate receiving signal information
9. Power switch + volume potentiometer: turn on or turn off and adjust volume
10. 3.5mm headphone output: connect headphone
11. Antenna: assemble fixed antenna

Usage illustration instruction



System settings

Desktop Transmitter Settings

1. Turn on/Turn off: long press POWER button
2. Group selection: ① SET or press ② Reverse to the left or right
3. Channel selection: ① 2xSET or press 2x ② Reverse to the left or right



Bodypack Transmitter Settings

1. Turn on/Turn off: long press ON/OFF
2. Group selection: ① SET ② /
3. Channel selection: ① 2xSET ② /



Bodypack Receiver Settings

1. Turn on/Turn off: ON OFF
Rotate volume potentiometer ON/OFF MAX VOLUME ON/OFF MAX VOLUME
2. Group selection: ① SET ② / ③ ESC
3. Channel selection: ① 2xSET ② / ③ ESC



Technical Data

Case specification:	standard 1U	Transmitter
Case material:	metal panel	
Oscillation mode:	PLL synthesized	
Frequency stability:	$\pm 0.005\%$	
Frequency range:	UHF798~830MHz	
Frequency interval:	32MHz	
Preset Channel:	40 channels separately set 4groups	
Operate mode:	manual adjust	
Max Deviation:	$\pm 48\text{KHz}$	
Frequency response:	50Hz~15KHz $\pm 3\text{dB}$	
Transmit output power:	100mW(50 Ω)	
Harmonic radiation:	<4NW	
AF input:	XLR, $\phi 6.35\text{mm}$ jack	
Earphone output:	$\phi 6.35\text{mm}$ stereophonic socket	
Earphone load impedance:	$\geq 16\Omega$	
Current consumption:	DC 12V/250mA	
Antenna socket:	TNC socket (50 Ω)	

Oscillation mode: PLL synthesized	Receiver
Frequency stability: $\pm 0.005\%$	
Frequency range: UHF798~830MHz	
Frequency interval: 32MHz	
Preset Channel: 40channels separately set 4 groups	
Operate mode: manual adjust	
Receiving mode: single tuning	
Sensitivity: deviation 25 KHz, with connecting 7dBuV, S/N>78dB	
Max Deviation: $\pm 48\text{KHz}$	
Comprehensive S/N ratio: >94 db (1KHz-A)	
Comprehensive T.H.D: <3% @ 1KHz	
Frequency response: 80Hz~15KHz $\pm 3\text{dB}$	
Output power (32 Ω): 2X35mw @ 1KHz	
Earphone load impedance: $\geq 16\Omega$	
Output socket: $\phi 3.5\text{mm}$ stereo earphone socket	
Volume output adjusts: adjust when using	
Power box: batteries AAX2	
Current drain: 3V/120mA(Under the mediant degrees of the volume control)	
Antenna: fixed 1 / 2 λ	

前言

感谢您对本公司的支持和信赖而购买本公司的产品。为了使本产品发挥最大的效能，请在使用前仔细阅读使用说明书，以了解正确的操作方法，获得最佳的效果。

安全与环境

1. 机器设备应保持干燥，不要把设备放在高温、潮湿、灰尘多的地点及碰到液体物质，以免造成故障。
2. 为避免火灾，电击危险，请勿打开机箱。
3. 只能使用本机提供的电源适配器，且确认接入电源电压是否与适配器要求一致，若使用其它供应商提供的电源适配器，可能会损坏本机。
4. 若非短时间离开正在工作的本机，请关掉本机，将电源适配器拔下，决不可由机器开着。

产品介绍

- 1、本产品是应用在舞台演出与音响广播的无线耳机监听系统，用以取代传统复杂的音响监听设备，达到极佳的监听效果。
- 2、采用最新高频传输与声频讯号动态处理技术，具有最佳的抗干扰与稳定性，提升了信噪比及动态范围，展现原音完美重现的最佳音质。

产品特点

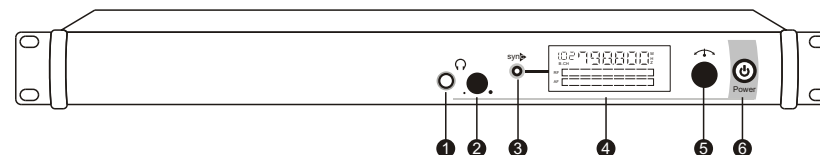
- 采用UHF频段PLL相位锁定。
- 在32MHz频带内，可以操作切换预设的40个频率。
- 采用动态扩展电路，大大提高信噪比。
- 采用精美液晶显示面板。
- 具有电源与RF接收指示灯。
- 采用两颗5号电池及高效率电源电路，连续使用时间最长。
- 金属外壳，坚固耐用的专业品质。
- 发射器采用平衡与不平衡式共用输入插座。
- 发射器具有输出监听耳机插座。

主要功能

本系统由迷你接收器及发射器组合而成，其主要功能及特点分别叙述如下：

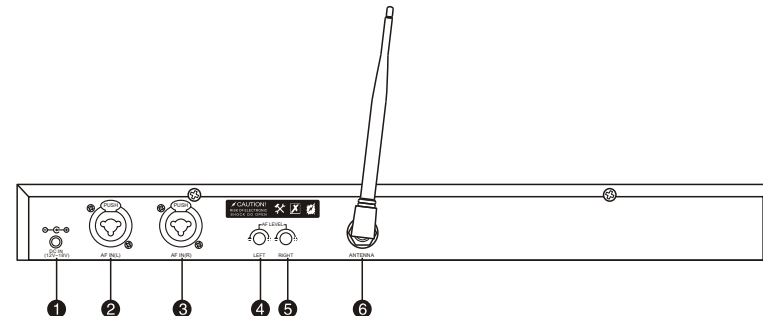
- 在32MHz频带中预设40个频率可以任意切换。
- 采用先进电路设计，消除接收死角，使接收讯号稳定不断讯，机壳采用强韧的金属材质，具有坚固耐摔的专业品质，是舞台演出监听产品的最佳选择。

一拖一台式发射器前面板说明



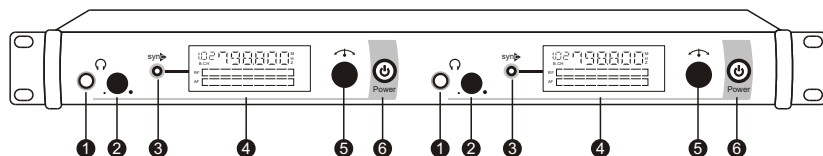
1. 3.5耳机输出：连接立体声耳机，监听输出讯号
2. 耳机音量电位器：调整立体声耳机音量大小
3. 功能设置按键：选择设定功能
4. 液晶显示屏：显示各项操作及设定内容
5. 带按功能设置按键：选择设定功能
6. 电源开关：开启或关闭电源供应

一拖一台式发射器后面板说明



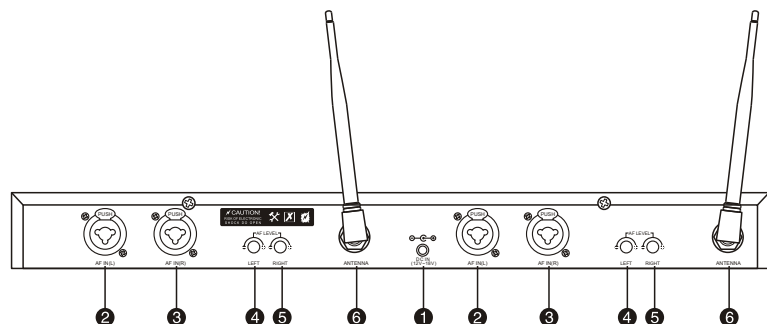
1. DC电源：连接12VDC电源输入插座，插座中心电压为正电压
2. 左声道输入：平衡式与不平衡式共用
3. 右声道输入：平衡式与不平衡式共用
4. 左音量电位器：调节音量大小。
5. 右音量电位器：调节音量大小。
6. 天线

一拖二台式发射器前面板说明



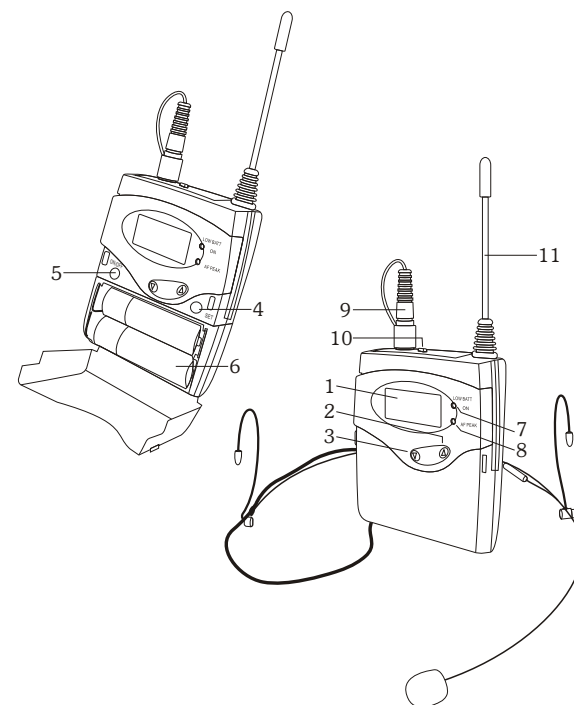
1. 6.35耳机输出：连接立体声耳机，监听输出讯号
2. 耳机音量电位器：调整立体声耳机音量大小
3. 功能设置按键：选择设定功能
4. 液晶显示屏：显示各项操作及设定内容
5. 带按功能设置按键：选择设定功能
6. 电源开关：开启或关闭电源供应

一拖二台式发射器后面板说明



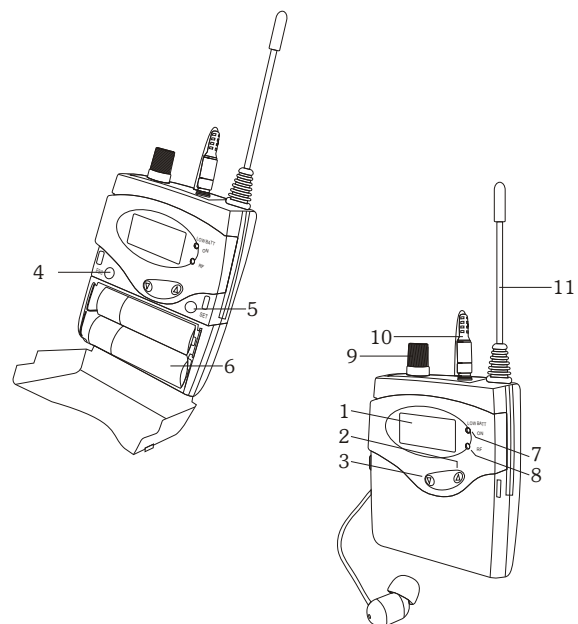
1. DC电源：连接12VDC电源输入插座，插座中心电压为正电压
2. 左声道输入：平衡式与不平衡式共用
3. 右声道输入：平衡式与不平衡式共用
4. 左音量电位器：调节音量大小。
5. 右音量电位器：调节音量大小。
6. 天线

腰包式发射器功能说明



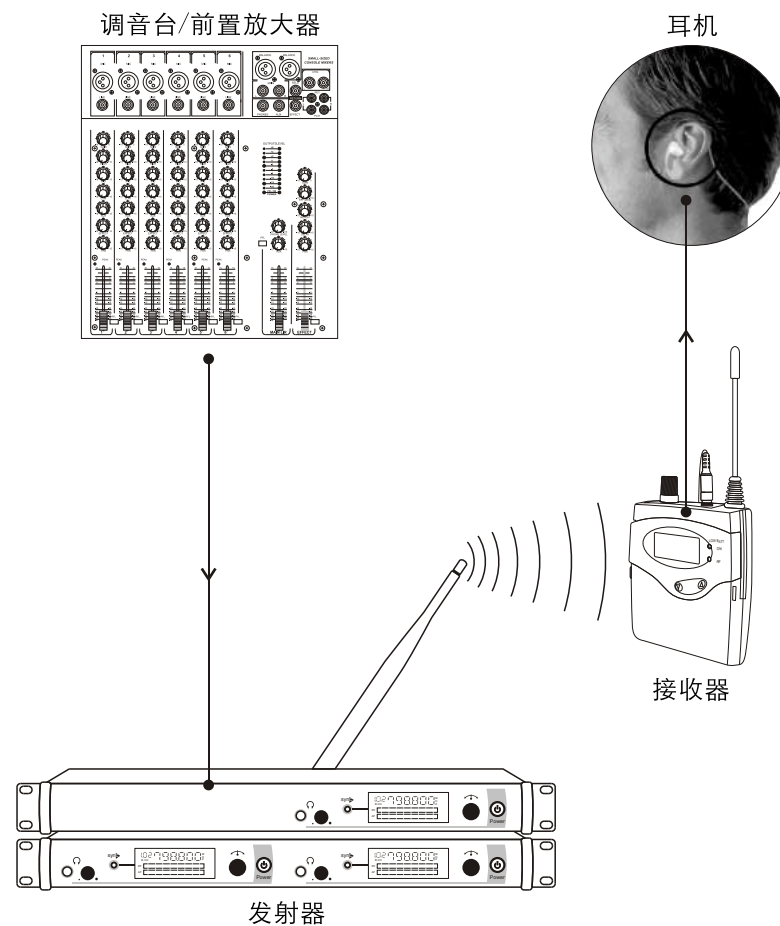
1. 液晶显示屏：显示工作内容
2. 向上选择按键：选择设定功能
3. 向下选择按键：选择设定功能
4. 功能设置按键：选择设定功能
5. 电源开关：开启或关闭电源
6. 电池仓：加装2节5号电池后，盖住电池
7. 低压指示灯：电池耗尽时指示
8. 音量峰值指示灯
9. MIC输入插嘴
10. 静音开关
11. 天线：装配固定发射天线

腰包式接收器功能说明



1. 液晶显示屏：显示工作内容
2. 向上选择按键：选择设定功能
3. 向下选择按键：选择设定功能
4. 退出按键：选择设定功能
5. 功能设置按键：选择设定功能
6. 电池仓：加装2节5号电池后，盖住电池
7. 低压指示灯：电池耗尽时指示
8. RF指示灯：指示讯号接收信息
9. 电源开关+音量电位器：开启或关闭电源及调整音量大小
10. 3.5mm耳机输出：连接耳机
11. 天线：装配固定接收天线

使用示意图说明



系统设置

台式发射器

1. 开机/关机：长按POWER
2. 群组选择：① SET或按下  ② 扭转  向左或向右
3. 频道选择：① 2xSET或按下2x  ② 扭转  向左或向右



腰包式发射器

1. 开机/关机：长按ON/OFF
2. 群组选择：① SET ② / 
3. 频道选择：① 2xSET ② / 

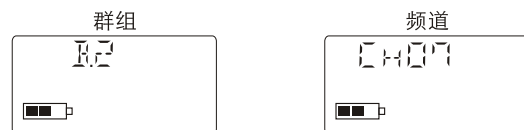


腰包式接收器

1. 开机/关机：旋转音量电位器



2. 群组选择：① SET ② /  ③ ESC
3. 频道选择：① 2xSET ② /  ③ ESC



技术指标

发射器	
机箱规格	标准1U
机箱材质	金属面板和机箱
振荡模式	PLL相位锁定频率合成
射频稳定度	± 0.005%
频带宽度	UHF798~830MHz
频率间隔	32MHz
预设频道	预设40组频道分别设定4个群.
操作方式	手动调整
最大偏移度	± 48KHz
综合频率响应	50Hz~15KHz ± 3dB
发射输出功率	100mW(50Ω)
谐波幅射	< 4nW
音频输入	XLR及 φ 6.35mm复合式插座
耳机输出	φ 6.35mm立体声插座,音量可调整
耳机负荷阻抗	≥ 16Ω
电流消耗	DC 12V/250mA
天线输出座	TNC插座(50Ω)

接收器	
振荡模式	PLL相位锁定频率合成
射频稳定度	± 0.005%
频带宽度	UHF798~830MHz
频率间隔	32MHz
预设频道	预设40组频道分别设定4个群,同群之频道互不干扰
操作方式	手动调整
接收方式	单调谐
灵敏度	在偏移度等于25KHz,输入7dBuV时,S/N>78dB
最大偏移度	± 48KHz
综合S/N比	>94dB(1KHz-A)
综合T.H.D	<3% @ 1KHz
综合频率响应	80Hz~15KHz ± 3dB
输出功率(32Ω)	2 × 35mW @ 1KHz
耳机负荷阻抗	≥ 16Ω
输出插座	φ 3.5mm立体声耳机插座
音量输出调整	使用前面调整
电源	5号(AA)电池两只
电流消耗	3V/120mA(在中度音量控制下)
天线	固定式1/2λ