yanmai 兴邦

User Manual



DS-28
Wireless Headphones

PRODUCT FEATURES

2.4G mode
· 2.4GHz high-speed wireless connection transmission technology
· Widely compatible with popular devices
· No sensory delay, sound and picture synchronization
· 100 ft Wireless transmission distance

Bluetooth mode
· Bluetooth 5.3 Stable connection
· Compatible with all devices with Bluetooth
· High fidelity lossless sound quality, cinema sound, immersive

⚠ Warning:
To protect your hearing, please do not turn up the volume too high or use headphones for long periods of time, and do not attempt to modify the structure of the headphones. Do not use headphones in hazardous areas or situations where you may not perceive the surrounding conditions and may be at risk.

SPECIFICATIONS

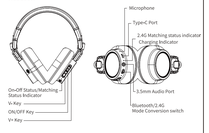
2.4GHz + Bluetooth 5.3
S/N: >85dB
Headset Frequency Response: 20Hz-20kHz
Carrier Frequency: 2.4GHz
Using Distance: 4-10oft
Impedance: 32Ω
Speaker: 50mm
Working Voltage: 5V
Battery Capacity: 1000mAh
Charging Time: 4-6 hours
Working Time: About 45 hours
Bluetooth Standby Time: About 300hours

Packing List

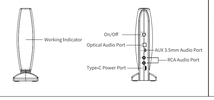
1.Headset x1
2.Transmitter x1
3.AUX 3.5mm to RCA Adapter Cable
4.Optical Audio Cable x1
5.AUX 3.5mm Audio Cable x1
6.Type-C Charging Cable x1
7.Manual x1

FUNCTION INTRODUCTION

Headset:

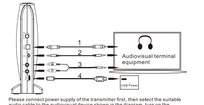


Transmitter:



2.4G Easy Installation

2.4G Transmitter Connection



Please connect power supply of the transmitter first, then select the suitable audio cable for connecting your equipment as shown in the diagram, turn on the transmitter after connecting completely.
1. Fiber optic cable connection
2. AUX 3.5 audio cable connection
3. AUX 3.5 to dual RCA Audio Cable Connection
4. USB TYPE-C power cable

Remind: When using, only connect one audio cable selected from cable 1, 2, 3 to the audiovisual device. Do not connect multiple cables at the same time, as it may cause signal interference and noise.

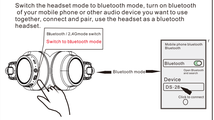
2.4G headset connection



Please power on the headset according to the diagram above
1. Press and hold the headset power button for 3 seconds to turn on the device
2. Switch to 2.4G mode

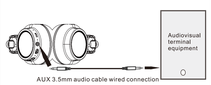
Bluetooth mode Connection

Switch the headset mode to bluetooth mode, turn on bluetooth of your mobile phone or other audio device you want to use together, connect and pair, use the headset as a bluetooth headset.



Wired mode Connection

This headset can be used as a wired headset by connecting to your mobile phone or other audio device you want to use together, through the AUX 3.5mm audio cable included.



HEADPHONES OPERATION INSTRUCTIONS

Keys Description	Operation Mode BT/2.4G
VOL+	Short press to increase volume
VOL-	Short press to reduce volume
NEXT	Press and hold the VOL+ button for one second
PREV	Press and hold the VOL- button for one second
PLAY/PAUSE	Press the power button about once
CALL	Answer the phone: Press the power button once
	Reject phone call: Press and hold the power button for one second
	Hang up: Press the power button once
POWER ON/OFF	Long press the power button for about 3 seconds
VOICE ASSISTANT	Long press the power button for about 1 second
BT/2.4G MODE SWITCHING	Toggle Switch
Restore factory settings	Simultaneously press and hold the V- keys for 3 seconds

HEADPHONES DETAILED PARAMETER

Wireless transmission distance	Bluetooth barrier free 100ft /2.4G barrier free 100ft	
Voltage/current testing	Maximum charging current: 400mA	PCBA Shutdown Current
	Fully charged detection voltage: 4.15V	Bluetooth connection not working standby current
	Low voltage prompt detection voltage: 3.4V	
	Shutdown Detection Voltage: 3.3v	Bluetooth playback music current
Mobile phone displays the volume of the headset	Yes	IOS System
Mobile phone shows the battery level of the headset	Yes	Android System
Stereo L/R separation	Yes	

FUNCTION INDICATIONS

Indicator Light Indication	Charging: Red light is long on Charged Full: Red light goes off
	Pairing status: Bluetooth mode=Blue light flashes quickly; 2.4G mode=Green light flashes slowly
	Pairing Successful: Bluetooth mode= Blue light flashes slowly; 2.4G mode= Green light flashes slowly
	When Shutting Down: The red indicator long light for 2 seconds
	Transmitter: Power on to enter pairing., red light flashing quickly Connection successful: red light always on
Voice Prompt Sound	When turning on the device entering Bluetooth pairing directly: Power on, it has now entered pairing mode
	After Bluetooth pairing successful: Connected
	When shutting down: Power off
	At maximum volume: Doo, Doo, Doo
	When the voltage is low: Low battery, please charge
	When the call come in: Doo, Doo, Doo
	Redial call,end call/reject: Doo, Doo, Doo

ATTENTION

1. Do not disassemble, modify, or repair the machine without authorization to avoid short circuits.
2. Do not use the machine in areas with high temperature, humidity, dirt, or strong vibrations.
3. Do not drop the machine or onto a hard surface to avoid improper operation.
4. Do not use diluted liquids such as alcohol to scrub the surface of the machine to avoid damage.
5. When the transmitter is too close to the wifi router, it may cause signal interference.

FAQ

Q Can I connect the two or three included cables at the same time for better audio signal reception?

A No, this affects the audio reception instead, if you want to use RCA cables then connect only RCA cables (make sure there is only one connection at a time)

Q How do I mute my headphones?

A Please click the ON/OFF button on the side of the headphones to pause the audio. Kindly note: pressing the ON/OFF button will only pause the audio from the headphones and will not affect the playback of the TV program.

Q My TV does not have an audio output port. Can I buy these headphones to watch TV?

A If your TV has Bluetooth function, you can connect the headphones and TV via Bluetooth. First, switch the mode switch of the headset to Bluetooth mode. Then pair it with the TV.

Q How to adjust the volume?

A Click the volume "+" or "-" button slowly on these DS-28 . Please keep twice volume button clicks with 1 second stop.
If the DS-28 volume is at the max level and you want to increase the volume again, you could adjust the volume in the audio source, such as your TV or DVD volume.

Q The headphones are connected to the transmitter, why is there no sound from the headphones when watching TV?

A (1) Please ensure your TV audio is set to "External Speaker"
(2) If you select Optical audio input, please ensure:
(a) Ensure your TV audio format is set to "PCM", the transmitter can decode PCM, but can't decode Dolby/DTS.
(b) Ensure the 3.5mm audio cable is NOT plugged in, or the transmitter will prioritize the AUX input.
(3) If you select AUX audio input, please ensure the transmitter is connected to the correct analog audio port on the audio sources—Plug in a pair of wired headphones/earbuds into your audio source' audio output to check if it works.

Warm Tips:
If you have any technical or operational issues, please contact our service team. Please forward your question to our service team, we are online every day and resolve technical and operational issues with you.You can rest assured to purchase our company's products.Thank you for your support!

Producer:SHENZHEN QI YIN ELECTRONIC CO., LTD.
Manufacturer:HUIZHOU YINBA TECHNOLOGY CO., LTD.
Manufacturing Add:Qiyin Industrial Park,shixiatun, Changning Town, Boluo County, Huizhou City, Guangdong, China
Service Hotline 0086-755-84260205
Official Website www.hkyanmai.com
Executive Standard CN GB 8898-2011

FC CE RoHS

Made in China

yanmai 兴邦

使用说明书



DS-28
无 线 耳 机

产品特性

2.4G模式
• 2.4GHz高速无线连接传输技术
• 与蓝牙设备广泛兼容
• 无感延迟，声音和画面同步
• 100 英尺无线传输距离

蓝牙模式
• 蓝牙5.3稳定连接
• 兼容所有蓝牙设备
• 高保真无损音质，沉浸式影院音效

⚠ 温馨提示：
为了保护您的听力，请不要将音量调得过高或长时间使用耳机，也不要试图修改耳机结构。不要在危险区域或您可能无法感知周围环境并可能处于危险中的情况下使用耳机。

产品规格

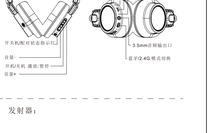
产品规格
2.4GHz+蓝牙5.3
信噪比：>85dB
耳机频率响应: 20Hz-20kHz
载波频率: 2.4GHz
使用距离: ≤(30M)
阻抗: 32Ω
喇叭: 50mm
工作电压: 5V
电池容量: 1000mAh
充电时间: 4-6h
工作时间: 约45个小时
蓝牙待机时间: 约300个小时

包装清单

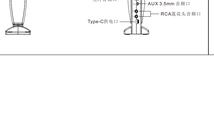
1.耳机x1
2.发射器x1
3.AUX 3.5mm to RCA适配线x1
4.光纤音频线x1
5.AUX 3.5mm 音频线x1
6.type-C充电线x1
7.说明书x1

功能介绍

耳机：



发射器：



2.4G 射频安装

2.4G发射器连接



请将发射器电源连接上，连接指示灯变红色常亮后，连接所需要的音频线与设备。
1. 光纤线
2. AUX 3.5 立体声线连接
3. RCA音频线 AUX 3.5转RCA连接
4. USB TYPE-C电源供电线

温馨提示：使用时时钟选择1，2，3，其中对应设备音频输出口的音频线进行连接，请不要同时连接超过3个设备音频线，会产生信号干扰而无法工作。

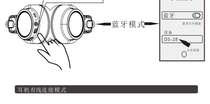
2.4G耳机连接



请按照顺序开机
1.耳机开机蓝灯指3S开机
2.耳机蓝灯 2.4GHz 对耀红色 5S. 3S模式

耳机蓝牙连接模式

无线耳机模式切换为蓝牙模式，打开手机蓝牙或其它带有蓝牙音频设备连接配对，作为蓝牙耳机使用。



耳机有线连接模式

无线耳机可直接通过附带的3.5音频线连接手机或其它音频设备，作为有线耳机使用。



操作说明

按键定义	操作模式 蓝牙/2.4G
VOL+ 音量加	短按音量加键
VOL- 音量减	短按音量减键
NEXT 下一曲	长按音量加键=一秒
PREV 上一曲	长按音量减键=一秒
PLAY/PAUSE 播放/暂停	短按电源键约1次
电话	接电话：短按电源键1次
	拒听：长按电源键一秒
	挂电话：短按电源键1次
开机直接进入配对状态	长按电源键约3秒开机，不松手到3秒左右进入配对
关机	长按电源键约3秒
语音助手	长按电源键约3秒
BT/2.4G模式切换	拨动开关
恢复出厂设置	同时长按+-键3秒
蓝牙传输距离 室外	蓝牙无阻碍15米/2.4G无阻碍30米
手机音量同步显示	是 / IOS系统
手机电量同步显示	是 / 安卓系统
电池/电流测试	充电电大电流：400 mA / PCBA关机电流
	充满电压转换电压：4.15V / 蓝牙连接后未工作待机电流
	低电电压提示检测电压：3.4V
	关机检测电压：3.3V / 蓝牙播放音乐电流
立体声L/R分离	是
LEGO丁骨	3PCS 蓝、绿、红灯

功能指示

指示灯指示	充电时：红灯常亮
	充满电：红灯灭
	配对状态：蓝牙=蓝灯快闪,2.4G=绿灯快闪
	配对成功：蓝牙=蓝灯慢闪,2.4G=绿灯慢闪
	关机时：长亮红灯2秒
	电池盒子：开机成配对：红灯慢闪，连接成功：红灯常亮
语音提示 提示音（共用BH22）	开机直接进入蓝牙配对时：开机，等红蓝灯交替闪烁状态
	蓝牙配对成功后：已连接
	关机时：关机
	音量最大时：嘟、嘟、嘟
	电话铃时：嘟嘟不应，请充电
	来电时：嘟、嘟、嘟
	重拨通话/结束通话/接听：嘟、嘟、嘟

注意事项

1. 切勿擅自拆卸、改装、修理机器，以免发生短路。
2. 勿在高温、潮湿、污浊、强烈震动处使用机器。
3. 勿将机器摔落，或落在坚硬物体表面，以免机器操作失常。
4. 勿用酒精等稀释性液体擦洗机器表面，以免机器受损。

常见问题解答

Q 我是否可以同时连接配件里的两根或三根线以获得更好的音频信号接收？

A 不行，这样反而会影响音频接收，如果你想使用RCA线，那么就只要连接RCA线（线每每次只用一条线连接）

Q 如何使耳机静音？

A 请点击耳机侧面的ON/OFF按钮来暂停音频。请注意：按下ON/OFF按钮将仅暂停耳机中的音频，不会影响电视节目的播放。

Q 我的电视机没有音频输出端口，我可以买这款耳机看电视吗？

A 如果你的电视机有蓝牙功能，你可以通过蓝牙连接耳机和电视机。首先将耳机的模式切换到蓝牙模式，然后与电视机配对。

Q 如何调整音量？

A 智按耳机上的音量"+"或"-"按钮就可以调节。连按两次音量按钮时中间需要停顿1秒。如果耳机的音量已经调到最大，并且您想再次增加音量，则可以在音频源中调整，例如调节电视/DVD的音量。

监制:深圳市奇音电子有限公司
制造:惠州市音霸科技有限公司
产地:惠州市博罗县长宁镇石下屯奇音工业园
服务热线:0086-755-84260205
官网:www.hkyanmai.com
执行标准:CN GB 8898-2011

FC CE RoHS

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