

TR-HF12 size: 80*150mm

Safety Information

★Note: Please read the following information before using.

Electronic equipments
To avoid the side effects of electronic interference, turn off the headphone in the place where there are clear marks that ban the using of electronic products.

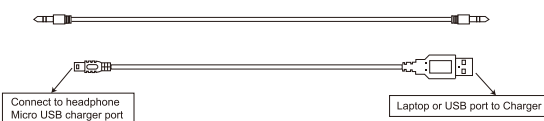
Civil aviation
Turn off the headphone after boarding the plane and prohibit using the headphone during the flight to avoid the interference to civil aviation communication system.

Medical instruments
Do not use the headphone in the hospital or near the medical instruments without permission. If you use other personal medical equipment, such as, the pacemaker, please consult your equipment manufacturer or gain the relative information from your medical doctor.

Maintenance
User should not change any components of the headphone, or will lose the after-sale rights if changes or re-equips the headphone without permission.

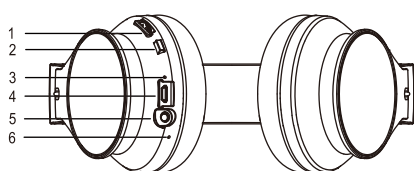
Accessories

1. User Manual
2. Micro USB Cable
3. 3.5mm audio cable



Please read carefully the manual before using and keep it as a record

Know your headphone:



1. Multifunctional button(Previous song/V+, Next song/V-, Play/Pause)
2. Power button
3. LED indicator
4. Micro USB jack
5. Line in jack
6. Microphone

Operation

Power on: Press the power button for 3sec until blue LED on;
Power off: Press the power button for 5sec until red LED on;
Pairing: In the state of power off, press the power button for about 5sec until the blue and red LED flicker in turn;
Answering call: Press the power button to answer the phone call while in the conversation;
Ending call: Press the power button to end the phone call while in the conversation;
Rejecting call: Press and hold the power button for 2s to reject the phone call.

Redial the last call: Quickly press the power button twice, and it will dial the last number

Volume Control: Under the music or conversation mode:
(1)Volume +: Press and hold the volume+(3-5s), the volume will increase gradually.
(2)Volume -: Press and hold the volume -(3-5s), the volume will decrease gradually.

Previous / Next:

In the state of music mode, press the volume +(1s)shortly, then will go to previous song; press the volume-(1s)shortly, then will go to next song

Specification and Parameter:

- Charging interface: Micro USB
- Battery : 3.7V/520 Mah
- Charging indication : Red indicator on
- Music paly talk time: about 25 hours
- Charging time: 2.5 hours
- Working temperature : -5 ~ 45°C
- Storage temperature : -40 ~ 70°C

Speaker parameter

Speaker diameter: ϕ 40mm
Impedance: 32 Ω
Sensitivity: S.P.L:113dB \pm 3dB S.P.L.at 1KHz
Rated power: 20mW
Frequency Response: 20Hz~20KHz

Microphone parameter

Microphone Unit: ϕ 4*1.5mm
Directivity: Omni direction
S.P.L: -42 \pm 3dB
Impedance: \leq 2.2K Ω
Frequency Response: 20-20,000Hz
Operating voltage: 4.2V

Bluetooth Parameters:

Pairing name: TR-HF12
Bluetooth Protocol version: Version 4.1
Remote control to the player: Volume up and down, Previous /Next music track, Pause/Play
Receiver range: 10m / 360°
Pairing code: 0000
SNR: -82dBm
Carrier frequency: 2402MHz - 2480MHz
Frequency response: 20Hz - 20,000Hz
Continuous working time: around 8 hours

BLUETOOTH

Pairing a Bluetooth Device for the First Time

1. With the unit off, press and hold the Power/Pair button for about 4s. The indicator will flash red and blue. When in pairing status, please make sure the distance between the two devices is within 3 feet.

2. Please select "TR-HF12" to pair. If your device requests a password, enter the password 0000.

Refer to the user manual for your specific device for instructions on pairing and connecting bluetooth devices. After initial pairing, the unit will stay paired unless unpaired manually by the user or erased due to reset of the device;

Remarks: If your device should become unpaired or you find it is unable to connect, repeat the above steps.

BLUETOOTH

Playing music wirelessly

1. To play or pause a selected track, use the native controls on the connected bluetooth device or press the power/pair/play/pause button
2. Audio played through the connected bluetooth device will now be heard through the headphones.

LINE IN

Using the audio input

Requiring a 3.5mm audio cable(included)

1. Connect a 3.5mm audio cable with the line in input on the unit and the audio output on an audio device.
2. Use the native device controls on the connected device to play your audio through the unit.

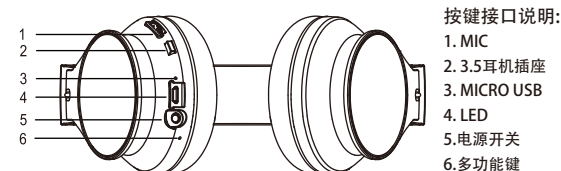
Note: The headphones do not have to be powered on to hear music through the line in input. Do this to conserve battery power.

LED indicator

Meanings of the indicators

- Charging-----red LED light on
- Fully charged-----LED turns blue
- Pairing-----Red and Blue LED flicker in turn
- Music mode-----Blue LED flickers slowly
- Low voltage-----Red LED flickers quickly

1.外观和参数



按键接口说明:
1. MIC
2. 3.5耳机插座
3. MICRO USB
4. LED
5. 电源开关
6. 多功能键

2. 基本规格参数

产品尺寸: 185×190×75mm
重量: 约190g (裸机)
工作电压: 3.7 V
低电量提示电压: 3.4 V
播放时间: 25小时
充电电压: DC 5 V
充电接口: MICRO USB
充电时间: 2.5 hours
充电电流: 200mA
自动关机时间: 5 分钟

3. 元器件

3.1 蓝牙

蓝牙芯片	CSR8635
蓝牙版本	4.1
蓝牙协议	A2DP AVRCP HSP HFP
RF载波频率	2402~2480MHz
蓝牙接收距离	360° 10meters
蓝牙配对名	TR-HF12

3.2 麦克风

麦克风规格: ϕ 4.0*1.5mm微型机电系统麦克风
灵敏度: -38 \pm 3dB

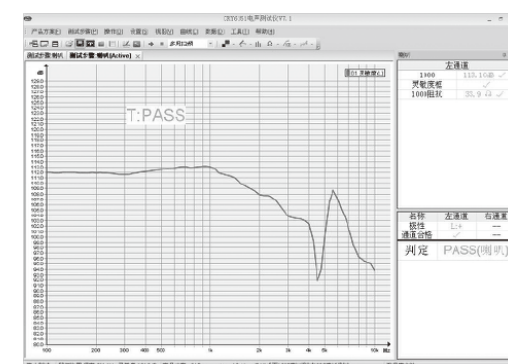
3.3 电池

电池规格: 3.7V 520mAh 锂聚合物电池
电池寿命: 300次 (放电容量 > 80%)

3.4 喇叭

喇叭规格: ϕ 40mm
电阻: 32 Ω
额定功率: 20mW
频率响应: 20Hz~20KHz;
灵敏度: 113dB \pm 3dB;

成品喇叭频率响应曲线:



4. 操作说明

- 开机: 长按电源开关至蓝灯亮
- 关机: 长按电源开关至红灯亮
- 配对: 关机状态下长按电源开关至红灯与蓝灯交替闪烁进入配对模式
- 音量调节: 音乐或通话状态下往上长按三向开关调大音量, 往下长按三向开关调小音量
- 曲目选择: 音乐状态下往上短按三向开关选择上一曲, 往下长按三向开关选择下一曲
- 播放/暂停: 音乐播放状态下短按三向开关音乐暂停, 再次短按三向开关音乐播放
- 接听/结束来电: 短按电源开关
- 拒接来电: 长按电源开关2S
- 尾号重拨: 双击电源开关, 拨打最后一次拨出的电话号码
- 语音拨号: 短按电源开关 (需手机端支持)

5. LED指示:

低电量: 红灯闪烁
充电: 充电进行时红灯亮, 完成充电时红灯熄灭
蓝牙已连接: 蓝灯慢闪
蓝牙未连接: 蓝灯快闪
蓝牙配对: 红灯与蓝灯交替闪烁

6. 语音提示

开机	Power ON
关机	Power OFF
已连接	Connected
配对	Pairing
电池电量低	Low Battery

7. 配件

80CM micro USB充电线
3.5mm音频线

8. 工作环境

工作温度: -5~45°C.
存储温度: -20~70°C.

Feliztrip®

TR-HF12 On-ear BT & Wired Headsets



USER MANUAL