

**APORO**  
阿波罗



**T16**

扩音器  
Amplifier

Operation Manual

# 使用说明书

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## 前言 Preface

尊敬的用户：  
Distinguished users:  
您好！  
Hello!

欢迎您使用APORO数码产品！  
Welcome to use APORO digital products!

APORO数码产品将以高科技的品质和优良的服务进入您的工作和生活，您一旦拥有，就会真切地感受到它的卓越性能和优良品质，让您时刻都能享受生活的轻松愉快。  
APORO digital products will enter your work and life with the quality of High-tech and excellent service. Once you have it, you will truly feel its excellent performance and excellent quality, so that you can enjoy the relaxed and pleasant life all the time.

警告：如果电池使用不当会有爆炸危险，只能用同样类型或等效类型的电池来更换！  
Warning: If the battery is not used properly there is a risk of explosion, it can only be replaced with the same type or equivalent type of battery to replace!

## 注意

### Be careful

本手册描述的产品及其附件的某些特征和功能，仅供参考。

Some of the features and functions of the product and its accessories described in this manual are for reference only.

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To export, re-export, or import the products described in this product manual, you should comply with the applicable import and export control laws and regulations.

## 产品操控示意图

## Product control diagram



- ① 电源开关/音量旋钮  
Power switch/Volume control
- ② 模式  
Mode
- ③ 上一曲  
Previous piece
- ④ 状态指示灯  
Status Indicator
- ⑤ 暂停/播放  
Pause / play
- ⑥ 下一曲  
Next song
- ⑦ 麦克风插孔  
MIC
- ⑧ 充电口  
Charging port
- ⑨ 充电指示灯  
Charging indicator
- ⑩ U盘插口  
U disk socket
- ⑪ TF卡插口  
TF card Jack

蓝牙功能介绍：

蓝牙设备名称：APORO

开机后，按一下主机的M键，切换到蓝牙模式，主机顶部状态灯开始快速闪烁，主机持续发出“咚、咚”的提示音等待蓝牙连接。此时可以在手机或者其他支持蓝牙的设备搜索蓝牙设备，选择“APORO”点击配对连接。连接成功后主机发出一声“叮咚”声，顶部状态灯停止闪烁。可以开始使用蓝牙播放了。

Bluetooth function introduction:

Bluetooth device name: APORO

After power on, press the M key of the host to switch to Bluetooth mode, the status light on the top of the host starts to flash quickly, and the host continues to send out the prompt sound of "Dong, Dong", waiting for Bluetooth connection. At this time, you can search for Bluetooth devices on your mobile phone or other devices that support Bluetooth, select "aporo" and click pairing connection. After the connection is successful, the host sends out a "Ding Dong" sound and the top status light stops flashing. You can start playing using Bluetooth.

## 使用方法

### Method of use

- 1:将包装内的主机取出，用腰带扣子扣住主机两边圆孔，通过腰带把主机系在腰上或挂在肩上，可调节腰带让主机处于腰间适合位置。

Take out the main machine in the package, fasten the round hole on both sides of the main machine with belt buckle, tie the main machine on the waist or hang on the shoulder through the belt, can adjust the belt to let the main machine be in the suitable position between the waist.

- 2:把头戴麦戴于头上，调节好麦克风位置，最好离嘴前方1-2CM处，把头戴麦克风另一端3.5插头插入主机上方麦克风插孔内；

Put the head on the head, adjust the microphone position, it is best to leave the mouth in front of the 1-2CM, the other end of the head microphone 3.5 plug into the mainframe microphone Jack;

## 操作方式

### Operation mode

#### 1:扩音

##### Sound Amplification

将电源开关键旋转到“开”状态，当听到“咔”的一声即表示已接通电源，此时表示机器可以正常使用，插入本机标配麦克风致“话筒”插口，系统则自动，默认为扩音状态，注意：在任意功能模式下，按下“暂停”键，其他功能将会停止，扩音效果将会更加出色，如果调至最大声音时产生啸叫可把耳麦和机器的距离拉开些,建议咪头与嘴巴的距离为1厘米左右最佳。

Turn the power on key to the "on" state. When you hear the sound of "ka", it means that the power supply has been turned on. At this time, it means that the machine can be used normally and inserted into the "microphone" socket caused by the standard microphone of the local machine. The system automatically, by default, is in the state of amplifying. Note: Under any function, press the "pause" button, and other functions will stop, and the amplifying effect will be even better. If you turn it to the maximum sound, the distance from the machine will be pulled away. It is recommended that the distance between head and mouth is about 1 cm.

## 2:模式键 ( M键 )

### Mode key (M)

此键具备模式切换功能，在插有U盘或者TF卡时可通过长按模式键短按来对U盘/TF卡/扩音/之间切换，按模式键可以收音。在播放音乐时，长按模式键2秒左右，可以实现单曲循环和全部循环的切换。

This key has the function of mode switching. When there is a U disk or TF card, you can switch between the U disk / TF / SP/ by pressing the long and short press mode key. When playing music, long press the mode key about 2 seconds to realize the single loop and the whole cycle switch.

## 3、TF/U盘播放

### TF/ U disk playback

按照机身标识的方向将TF卡/U盘正确插入TF卡/U盘槽后，按M键调整至音频模式，即可正常播放TF卡/U盘中的音频文件



After correctly inserting TF card / U disk into TF card / U disk in accordance with the direction of fuselage identification, press M key to integrate into audio mode and play audio files in TF card / U disk normally.

#### 4、充电

##### Charge

当机器需要充电式，将标配的USB充电线较小的一端插入机身Type-C充电口，另外较大的一端插入电脑或者USB充电头的USB口即可充电。USB充电头要求为5V,500-1000mA,单次充电时间建议为4-6小时。开始充电，充电指示灯亮红色。充满电后，充电指示灯熄灭。

When the machine needs to charge, plug the smaller end of the standard USB charging line into the Type-C charging port of the fuselage, and plug the larger end into the computer or USB port of the USB charger. The USB charge head is required to be 5V, 500-1000mA, and the recommended time for single charge is 4 to 6 hours.

Start charging, and the charging indicator light is red. When fully charged, the charging indicator light goes out.

注意：第一次使用主机时，电池有小部分电量，但为了达到最好的效果，建议先充满电再使用。

Note: For the first time, the battery has a small amount of power, but in order to achieve the best results, it is recommended that the battery be fully charged before it can be used.

#### 5、上一曲（播放音乐时长按上一曲键可以实现快退）

Last song (long click on the key when playing music to achieve fast retreat)

#### 6、下一曲（播放音乐时长按下一曲键可以实现快退）

The next song (the music can be played long by pressing the key to a quick retreat)

## 产品卖点

### Product selling point

- 1、本产品集扩音，数码音乐播放，功能于一体的多功能便携式扩音器

This product is a multifunctional portable loudspeaker with sound amplifying, digital music playing function.

- 2、采用大功率功放芯片和高保真扩音主控

Adopting high-power power amplifier chips and high fidelity amplification master control

- 3、使用大功率喇叭，声音效果清晰响亮，覆盖传输范围广

Using high-power speakers, the sound effect is clear and loud, covering a wide range of transmission.

- 4、配置高容量、高安全性的环保A级18650规格锂电池

High capacity, high safety, environmental protection class A 18650 lithium battery

## 数据参数

### Data parameter

输出功率	12W	频率响应	50HZ-15000Hz
输出阻抗	2Ω	工作温度	-10°C-45°C
充电电压	DC 5V 1A	使用扩音时间	8-12小时
使用音乐时间	6-8小时	充电时间	4-6小时

Output power	12W	Frequency response	50HZ-15000Hz
Output impedance	2 Ω	Working temperature	-10°C-45°C
Charging voltage	DC 5V 1A	Use of amplification time	8-12 Hours
Use music time	6-8 Hours	Charging time	4-6 Hours

## 注意事项

### Matters needing attention

- 1、为了达到话筒扩音最佳效果，请将咪头放置嘴正前方1CM处对准咪头处发音，若有啸叫，可适当调小音量或将机器与咪头的距离稍微拉开，以防互相干扰；  
In order to achieve the best effect of microphone amplification, please place the head in front of the mouth at the front of the 1CM at the head of the pronunciation. If there is a howl, you can turn down the volume properly or the distance quotient between the machine and the head of the microphone is slightly removed to prevent interference.
- 2、尽量避免频繁拔插麦克风插口，以免造成插口松动而引起接触不良，不可将话筒和音源插错  
Avoid frequent plugging of microphone socket so as to avoid loosening the socket and causing poor contact. You should not insert the words simply or incorrectly into the sound source.
- 3、为保证锂电池使用寿命，建议使用完再充电，频繁充电将加速电池芯片老化，长时间不用时应每隔周充一次电  
In order to ensure the service life of lithium battery, it is suggested that recharging is conducted after using up, because frequent charging will accelerate the aging of the battery chip, and the battery should be recharged every two weeks when it is not used for a long time.

- 4、因喇叭磁性效强，不可将机器和银行卡等带磁性的东西放一起，以免造成失磁而带来不必要的麻烦

Because the horn magnetic effect is strong, do not put the machine and the bank card and other magnetic things together, lest cause the loss of magnetism and cause unnecessary trouble

- 5、本产品所有配件皆按本机工作需要设计，如需更换配件尽置使用本公司原装配件，以达到最佳工作状态。

All the accessories of this product are designed according to the requirements of the machine. If we need to replace the accessories, we can use the original parts to achieve the best working condition.

- 如果电池更换不当会有爆炸危险，只能用同样类型或等效类型的电池来更换

There is a risk of explosion if the battery is not replaced properly, and only the same type or equivalent type of battery can be used to replace the battery

- 机器使用环境为-10℃-45℃，电池（电池包或组合电池）不得暴露在诸如日照、火烤或类似过热环境中

The operating environment of the machine is -10 °C -45 °C, and the battery (battery pack or combination battery) shall not be exposed to such conditions as sunlight, fire or similar overheating.

- 电池具有污染性，请妥善处理报废电池和机器

Batteries are polluting, please dispose of end-of-life batteries and machines properly

## 常见问题的自我解决

### Self-solving of frequently asked questions

#### 1、开关开启，扩音机没有声音

Switch on, amplifiers have no sound

##### A、指示灯不亮，电源没电，充电解决

Light are not on, the power supply is out of power, charge to solve it

#### 2、扩音器有明显啸叫

The loudspeaker has a distinct howl

##### A、确配戴话筒，将麦头记号处对准嘴角方向。

make sure you wear a microphone and point the mark at the corner of your mouth.

##### B、空间变小时应适当调低音里以减少混响音里造成啸叫。

when the space becomes small, you should lower the voice appropriately in order to reduce the howling in reverberation.

## 产品保修须知

## Product warranty instructions

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To enable you to enjoy our services better, please read the following details: The warranty service for Apollo technology products is provided by the Apollo Technology Licensing Technical Service Center throughout the country. The warranty period and “three guarantees” validity period of this product start from the date of sales, within the “three guarantees” validity period. Failed to use this product under normal condition, the product can be repaired, replaced and returned according to the “three guarantees” requirement. During the product warranty period, according to the contents of this warranty, you can enjoy the free maintenance service at the Apollo Technology authorized Technical Service Center (Random Annex: USB line, etc., not covered by warranty). The warranty period of this product is one year.

在保修期（含“三包”有效期）内以下情况将实施有偿维修服务，同时不享受“三包”服务  
During the warranty period (including the validity of “three guarantees”), paid maintenance services will be implemented in the following circumstances, while not enjoying the “three guarantees” service

1) 不能出示有效保修卡原件和有效发票。

No original valid warranty card and valid invoice can be produced.

2) 购买产品日期、销售单位名称（盖章有效）等项目未能完整填写或涂改保修卡。

The date of purchase of the product, the name of the sales unit (valid seal) and other items are not fully completed or altered the warranty card.

3) 由于不可抗拒的自然灾害造成的故障、损伤。

Failures and injuries caused by irresistible natural disasters.

4) 在运输、搬卸过程中造成的故障、损伤。

Failure and damage caused by transportation and unloading.

5) 由于未能按照《产品使用说明书》上所写的使用方法和注意事项操作而造成的人为故障。

The human failure caused by the failure to follow the usage methods and precautions written in the "Product usage instructions".

6) 未经本公司授权对产品进行的拆卸、维修、改装而造成的故障。

Failure caused by disassembly, maintenance and modification of products without the authorization of the Company.

需要保修时请将机器与本保修卡（原件）及购机凭证（复印件）一起送往阿波罗科技有限公司授权技术服务中心，运输费由用户承担。

When the warranty is required, the machine will be sent to the authorized Technical Service Center of Apollo Technology Co., Ltd together with this warranty card (original) and machine purchase certificate (photocopy), and the transportation fee will be borne by the user.



产品保修卡  
Guarantee card

购买产品时，请认真填写此卡，并予以妥善保存。

Please fill in this card carefully and keep it properly.

用户档案

User file

用户姓名 User name		性别 Gender		年龄 Age	
通讯地址 Communication address					
联系电话 Contact number				邮编 Zip code	
购买地点 Place of purchase					
购买日期 Purchase date			销售单号 Sales order number		
品名及规格 Title and specification			机身编号 Fuselage number		
经销商签名 Dealer signature			用户签名 User signature		

[产品标配]

Standard product distribution

扩音器1台

Loudspeaker

腰带1条

Belt

USB电源线1条

USB power cord

说明书/保修卡1份

Copy of manual / warranty card

麦克风1条

Microphone 1

备注：TF卡、U盘、USB充电头均属于选购配件，可根据需要另行购买。

Remarks:TF card, U disk, USB charging head are optional accessories, can be purchased as needed.





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