

APORO®

T20

扩音器
Amplifier



Operation Manual

使用说明书

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前 言

尊敬的用户：

您好！

欢迎您使用 **APORO® 阿波罗** 数码产品！

APORO® 阿波罗 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，就会真切的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。

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！

注意

本手册描述的产品及其附件的某些特征和功能，仅供参考。

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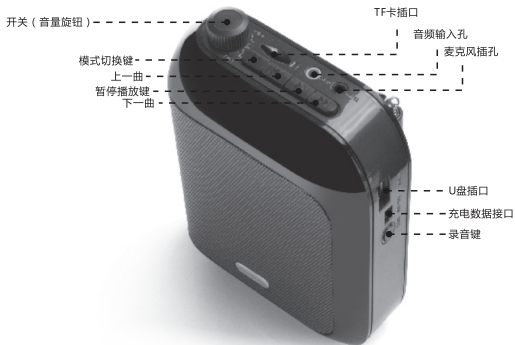
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进出口管制

若需将此产品手册中描述的产品出口、再出口、或者进口，您应遵守适用的进出口管制法律法规。

APORO®

产品操控示意图



FM无线版麦克风使用说明

- 1.首先打开FM无线麦克风，设置一个频率。一般建议为101.0、108.0、87.5等频率，不能和当地电台频率重叠。
- 2.然后打开扩音器主机，按M键切换到收音模式。
- 3.长按播放/暂停按键，让主机自动搜台。
- 4.主机搜台完毕后，按上一曲或者下一曲按键，切换到与FM无线麦克风相同的频率即可开始扩音。
- 5.下次使用直接打开麦克风，并打开扩音器主机切换到收音模式即可。如果连接不上，可重复第3、4步骤。如果杂音干扰严重，可重新在无线麦克风上设置一个发射频率，从第1步重新开始即可。

*本页介绍仅适用于FM无线版机器，并不代表所有机器都有此功能。

UHF无线版麦克风使用说明

- 1、出厂有配对，默认开机自动连接。
- 2、如果开机不连接，关闭扩音器，先开麦克风，长按麦克风M键，麦克风蓝灯开始快闪时，打开扩音器主机，稍等一会就会连接。
- 3、如果多台一起使用，先关闭扩音器，先开麦克风，长按麦克风M键，麦克风蓝灯开始快闪时，打开扩音器主机，连接后再短按 麦克风的M键切换频率，按一次，换一个频点。按多次，频点持续变动。
- 4、复位操作：关闭无线麦，然后按住 无线麦音量 + 这个按键，不要松手，打开 无线麦电源开关，灯会闪2下，就恢复出厂设置了。
- 5、无线麦未连接是蓝灯慢闪，如果蓝灯快速闪烁，表示电量不足，请充电。

*本页介绍仅适用于UHF无线版机器，并不代表所有机器都有此功能。

UHF无线麦克风 电量不足时，指示灯会闪烁。关闭麦克风插上充电时，指示灯亮红色，充满指示灯熄灭。

2.4G无线版麦克风使用说明

1. 打开2.4G无线麦和扩音器主机，显示屏2.4文字没有闪烁，即自动连接成功，可以开始使用。
(短按麦克风正面的+、-按键可调节扩音音量)
2. 如果显示屏2.4文字一直在闪烁，请将无线麦靠近扩音器主机，然后把无线麦开关机一次即可。
3. 如果是搭配外置2.4G接收器的机器，可把接收器打开，插入扩音器主机的MIC插孔或者AUX插孔，然后打开2.4G无线麦克风，即可使用。

*本页介绍仅适用于2.4G无线版机器，并不代表所有机器都有此功能。

2.4G无线麦克风 电量不足时，指示灯会快速闪烁。充电时，指示灯亮红色，充满指示灯熄灭。

The logo for APORO, featuring the brand name in white, bold, sans-serif capital letters on a black rectangular background.

蓝牙功能介绍

蓝牙名称 :APORO ，按主机的M键 切换到蓝牙模式，显示屏显示BLUE并且闪烁，此时可以用手机或者其他支持蓝牙的装备上搜索蓝牙设备，选择APORO点击配对连接。连接成功，显示屏不再闪烁，显示PAUS，即可开始使用蓝牙播放了。

（本功能仅适用于部分带蓝牙的机型）

Bluetooth function introduction

The Bluetooth name is APORO. Press the M key of the host to switch to the Bluetooth mode. The display screen displays blue and flashes. At this time, you can search for Bluetooth devices on your mobile phone or other Bluetooth enabled devices, select APORO and click pairing connection. If the connection is successful, the display will no longer flash, and PAUS will be displayed.

The logo for Aporo, featuring the brand name in a bold, white, sans-serif font against a dark, rounded rectangular background.

使用方法

- 1: 将包装内的主机取出，用腰带扣子扣住主机背面两边圆孔，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。
- 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；

操作方式

1: 扩音

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。

2: 模式键（M键）

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/FM/之间切换，当没有插有U盘或者TF卡时，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。屏幕出现ONE，为单曲循环；屏幕出现ALL为全部循环。

3、TF/U盘播放

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

4、FM调频收音

1.将天线缓慢抽出。2.单按M键切换到FM模式。3.长按播放键2秒以上，看到屏幕上的数字开始变动之后松手，等待自动搜台并保存。当屏幕上的数字停止变动并开始播放FM时，表示搜台并保存完毕。4.通过单按上一曲或者下一曲换台。注：收音效果与信号直接相关，如果不理想，请拿到室外或者窗户边测试。

5、音频输入

将机器通过音频线与电脑、手机、MP3/MP4等外接音源连接后即可。

6、充电

当机器需要充电时，将标配的USB充电线较小的一端插入机身mini USB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 $\forall$ A1, 最大不超过5V A2, 单次充电时间建议为4-6小时。充电时，电池图标闪烁。充满电后，停止闪烁。建议充满后，不要立即停止，继续充够4小时，避免虚电。

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。

7、上一曲（播放音乐时长按上一曲键可以实现快退）

上一曲，在U盘/TF卡/FM状态下短按此键调节您想要的节目，在FM状态下短按为上一频道，在外接音源键模式下短按无效。

8、下一曲（播放音乐时长按下一曲键可以实现快退）

下一曲，在U盘/TF卡/FM状态下短按此键调节您想要的节目，在FM状态下短按为下一频道，在外接音源键模式下短按无效。

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9、一键录音

在插入U盘/TF卡状态下短按录音键可以进行录音，录音完成后，短按“录音”键，文件将自动保存至U盘/TF卡内，方便快捷，操作简易。

产品卖点

- 1、数码显示屏，方便易懂
- 2、一键录音功能，操作方便、快捷
- 3、本产品集扩音，数码音乐播放，音箱收音功能于一体的多功能便携式扩音器
- 4、采用进口大功率功放芯片和先进的高保真扩音主控
- 5、使用大功率喇叭，声音效果清晰响亮，覆盖传输范围广
- 6、配置高容量、高安全性的环保A级18650规格锂电池
- 7、AUX音源输入当做音响使用时，音质清晰，层次感超强

数据参数

输出功率	15W	频率响应	50Hz-15000Hz
输出阻抗	3Ω	工作温度	-10℃-45℃
充电电压	DC 5V 1A	使用扩音时间	8-12 小时
使用音乐时间	6-10小时	充电时间	4-6小时

注意事项

- 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；
- 2、尽量避免频繁拔插咪克风插口，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
- 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两个月充一次电
- 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
- 5、本产品所有配件皆按本机工作需要设计，如需更换配件尽量使用本公司原装配件，以达到最佳工作状态。

※1. 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

※2. 机器使用环境为-10-45摄氏度，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

※3. 电池具有污染性，请妥善处理报废电池和机器

常见问题的自我解决

- 1、开关开启，扩音机没有声音

A、屏幕灯不亮，电源没电，充电解决 B、屏幕灯亮，话筒是否插错位置

- 2、扩音器有明显啸叫

A、正确配戴话筒，将咪头记号处对准嘴角方向。

B、空间变小时应适当调低音量以减少混响音量造成啸叫。

产品保修须知

为了让您更好的享受我公司的各项服务，请详细阅读以下内容：本公司产品的保修服务由全国各地的本公司授权技术服务中心负责提供。本产品自销售之日起计保修期和“三包”有效期，在“三包”有效期内。正常状态下使用本产品而发生故障，可依据“三包”规定予以维修、更换、退货。在产品保修期内，可依照本保修条款的内容，在本公司授权技术服务中心享受无偿维修服务，（随机附件：USB线等，不在保修范围内）。本品保修期限规定为一年。

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

- 1) 不能出示有效保修卡原件和有限发票。
- 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。
- 3) 由于不可抗拒的自然灾害造成的故障、损伤。
- 4) 在运输、搬卸过程中造成的故障、损伤。
- 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。
- 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。

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

产品保修卡

购买产品时，请认真填写此卡，并予以妥善保存。

用户档案

用户姓名		性别		年龄	
通讯地址					
联系电话				邮编	
购买地点					
购买日期			销售单号		
品名及规格			机身编号		
经销商签名			用户签名		

[产品标配]

扩音器 1台 腰带 1条 USB电源线 1条

说明书/保修卡 1份 合格证 1份 麦克风 1条

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。





扫码关注官方微信
购买放心服务贴心

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GB8898-2011

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APORO®

T20

Amplifier



Operation Manual

website

www.aporo.cn

Dear customer,

Welcome to use **APORO** digital products!

APORO digital products will enter your work and life with high-tech quality and excellent service. When you have our products, you will feel exactly that they have overall performance and high quality. They will keep your life easy and comfortable.

Notice: Danger of explosion if battery is not used properly. Can be replaced with the same or equivalent type of battery only!

Notice

The features and functions of the products and their accessories described in this manual are for reference only.

Unsecured statement

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If you want to export, re export, or import the products described in this manual, you should comply with applicable import and export control laws and regulations.

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Product control schematic



FM wireless microphone instruction

1. First open FM wireless microphone, set a frequency. The general recommended frequency are 101.0、 108.0、 87.0, cannot overlap with local radio frequency.
 2. Then turn on the amplifier, press M button to switch to the radio mode.
 3. Long press play/pause button, so that the amplifier can search automatically.
 4. After the amplifier finish searching, press Previous or Next button, switch to the same frequency as the FM wireless microphone, then can begin to expand the sound.
 5. Next time you can open the microphone directly, turn on the amplifier to radio mode to start work. If cannot connect, repeat step 3 and 4 above. If the noise interference is serious, can re set on the wireless microphone a transmitter frequency, then start from the step 1.
- *This page is only applicable to FM wireless version of this machine, does not mean that all machines have this feature.

UHF wireless microphone instruction

- 1, the factory has matching, default boot automatic connection.
2. If the boot is disconnected, turn off the amplifier, turn on the microphone first, press the microphone M key for a long time, when the microphone blue light starts flashing, turn on the amplifier, and connect later.
3. If more than one amplifier is used together, turn off the amplifier, turn on the microphone, press the M key for a long time, when the microphone blue light starts flashing, turn on the amplifier, connect and then press the M key of the microphone to switch the frequency, press once, change a frequency point. On many occasions, the frequency point continues to fluctuate.
4. Reset operation: turn off the wireless wheat, then press the wireless volume + this button, do not let go, turn on the wireless wheat power switch, the light will flash 2, restore the factory settings.
- 5, When wireless connecting, the blue light is slow flash, if the blue light flickers quickly, indicating that the electricity is insufficient, please charge.

*This page is only applicable to UHF wireless version of this machine, does not mean that all machines have this feature.

When the UHF wireless microphone is low on power, the indicator light will flash.
When the microphone is switched off and plugged in for charging, the indicator light is on red, and the full indicator light is off.

2.4G wireless microphone instruction

1. Open 2.4G wireless microphone and amplifier, the word of display screen 2.4 is not flashing, that means automatic connection success, you can start using. (Press the +/- on the microphone side to adjust the volume)
 2. If the word of display screen is flashing, please close the wireless microphone to the amplifier, turn on and off the microphone once.
 3. If the machine is equipped with an external 2.4G receiver, the receiver can be turned on, plug in the MIC jack or AUX jack of amplifier, then open the 2.4G wireless microphone to start work.
- *This page is only applicable to 2.4G wireless version of this machine, does not mean that all machines have this feature.

When the power of 2.4G wireless microphone is insufficient, the indicator light will flash quickly. When charging, the indicator light is on red, and the full indicator light is off.

Instruction

1. Take out the amplifier in the package, buckle the hole on the back side of amplifier with the belt, through the belt to the amplifier on the waist or hanging on the shoulder. Length of belt can be adjusted to suit the location of the waist.
2. wear the microphone on the head, adjust the position of microphone, the best distance from mouth is 1-2cm, plug the other end of microphone 3.5 into microphone jack on the amplifier.

Operation

1. Amplify

Turn on the switch of amplifier, connect to power supply successfully when you hear a click. plug the microphone into microphone jack. The system automatically default to the state of amplify. Notice: In any mode, press pause button, all function will suspend. Amplifying effect will be better. If the occurrence of shouting when adjust to maximum volume, please suitably to add distance between microphone and amplifier. The most appropriate distance from microphone to the mouth is about 1cm.

2. Mode button(M)

This button has mode switch function. When insert U disk or TF card, you can switch among U disk, TF card and FM by long press mode button. If not insert U disk or TF card, you can press mode button to radio. When playing music, press the mode button for 2 seconds, you can switch between single cycle and entire cycle. It means single cycle when screen appears ONE and entire cycle when screen appears ALL.

3. TF/U disk player

Properly insert TF/U disk according to the direction of the fuselage identification. Press M button to adjust to audio mode, then can play audio files of TF/U disk.

4. FM radio

1. Slow out the antenna. 2. Press M button to switch to FM mode. 3. Long press play button for more than 2 seconds until the numbers on the screen start to change. Wait for automatic search and save. When the numbers stop change and start play FM, that means search and save finished. 4. Press previous or next button to switch. Notice: The radio is affected by the signal directly. If the signal is not good, please try it outdoor or near the window.

5. Audio input Through the audio line, amplifier can be connected with an external audio source such as computer, phone, MP3 or MP4.

6. Charge

When charging, insert the smaller end of USB charging line into charging socket of amplifier, in the other hand, insert the other end of USB charging line to computer or USB charging head. The USB charging head is required to be 5V 1a, and the maximum is no more than 5V 2A. Single charging time is recommended for 4 to 6 hours. When charging, the battery icon flashes. When fully charged, stop flashing. It is recommended not to stop immediately after full charge, and continue to charge for 4 hours to avoid virtual power.

Notice: The battery has a small amount of electricity for the first use. But recommend to full charge for the best using result.

7. Previous(long press previous button can rewind when playing music)

Press this button can choose the program you want in U disk/TF card/FM mode. Press this button can go previous channel in FM mode. It is invalid to press this button in external audio mode.

8. Next(long press previous button can fast forward when playing music)

Press this button can choose the program you want in U disk/TF card/FM mode. Press this button can go next channel in FM mode. It is invalid to press this button in external audio mode.

9. One button record

Press record button can begin record in U disk/TF card and microphone mode. After record finished, press recode button, files will be saved into U disk/TF card easily.

Selling points

1. Intelligible with digital display.
2. Handiness and immediacy with one button record.
3. The product is a portable amplifier which is provided with a plurality of sound amplification, digital music playing and radio function.
4. Use imported high power chips and advanced high fidelity audio control.
5. Sound is loud and clear and wide coverage by using high power speaker.
6. Configure with 18650 Lithium battery, which has high capacity, high security and class A of environmental protection.
7. Clear sound and a strong sense of hierarchy when AUX input as audio.

Data sheet

Output power	15W	Frequency response	50Hz 15000Hz
Output resistance	3	Operation temperature	-10°C-45°C
Charge voltage	DC 5V 1A	Amplifying time	8-12 hours
Music time	6-10 hours	Charging time	4-6 hours

Notice

1. In order to achieve the best amplify result, please put the microphone in front of mouth 1cm when speaking. If the occurrence of shouting, please suitably to adjust the volume small and add distance between microphone and amplifier.
 2. Pls try to avoid multiple plug the microphone, so as to avoid bad contact. Do not mix the microphone and audio when plugging.
 3. In order to ensure the life of lithium battery, it is recommended to charge after using. Frequent charging will accelerate the aging of battery chip. Charge once every two months if you not use a long time.
 4. Due to the strong magnetic horn, the machine can not be put together with the bank card and magnetic things to avoid lose magnetic.
 5. All accessories of this machine are designed according the needs of machine. In order to achieve the best working condition, as far as possible to use original accessories if you need to replace accessories.
- *1. If the battery is not replaced properly, there will be an explosion risk. Can only be replaced with the same or equivalent type of battery.
 - *2. Temperature of machine using should during -10-45°C, battery should not be exposed to sunlight, fire and overheated environment.
 - *3. The battery is contaminated, please deal with scrap battery and machine properly.

FAQ

1. The amplifier is not sound even the switch on.
 - A. If the light of screen is not light and amplifier is without power, charging can solve the problem.
 - B. The light of screen is light, check if the microphone is in wrong position.
2. The occurrence of shouting of amplifier.
 - A. wear the microphone correct, make microphone in front of the mouth direction.
 - B. lower the volume to avoid shouting in small space.

Product warranty notes

In order to let you enjoy our service, please read below details: Warranty service of APORO company is supplied by technical service centers authorized by APORO company around the country. The warranty period is calculated from the date of sale. If failure to use this product under normal condition, you can ask for repair, replace and return of this product. In the warranty period, according to the terms of warranty, the product can enjoy free repair service in technical service centers authorized by APORO company(The attachment is not within the warranty such as USB line). The warranty period is one year. In warranty period, we will provide paid maintenance service for following:

1. Can not provide original valid warranty card and valid invoice.
2. Can not complete items such as the date of purchase, the name of the sales unit(sealed) etc. or altered warranty card.
3. Damaged due to irresistible natural disasters.
4. Damaged due to transportation and unloading.
5. Failure as not according the instruction and notice in the manual.
6. Failure as remove, repair and refit without authorization of the company.

Please send the machine together with original warranty card and copy of purchase certificate to technical service centers authorized by APORO company if need warranty service. Transport costs borne by the user.

Warranty card

Please fill in this card and store it properly when purchase this product.

User profile

User name		Male/Female		Age	
Address					
Contact number				Post code	
Place of purchase					
Date of purchase		Sales number			
Product name and specifications		Serial number			
Dealer signature		User signature			

Amplifier 1 belt 1 USB line 1

Warranty card 1 qualification 1 microphone 1

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

Commodity: Amplifier

Made In China

Manufacturer: Shenzhen Jin Cheng Wei Ye Electronics CO.,LTD

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Reserve The Right To Change The Product Appearance & Design Without Prior Notice

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