

**COOLMUSIC**

# BP - 60D

**BATTERY POWERED  
PORTABLE AMPLIFIER**

大音量  
输出

6路  
输入

幻象  
电源

锂电  
池组

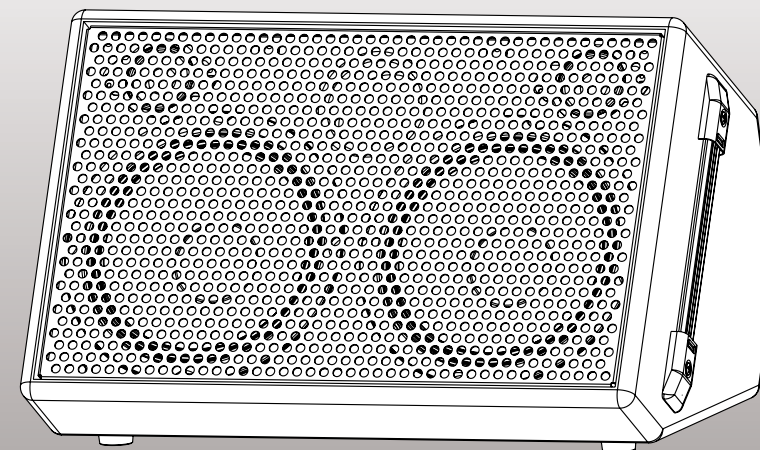
蓝牙  
连接

耳机  
监听

直播  
内录



LEARN MORE



**AMPLIFIER MANUAL**

Please Read The Manual

酷乐科技(深圳)有限公司

COOLMUSIC(SHENZHEN) TECH CO.,LTD



# 问题排除

### 1.开不了机:

- a. 电池电量已耗尽, 请尽快将音箱拿去充电;
- b. 接上适配器, 查看适配器指示灯是否会亮, 排除适配器故障所导致的充不进电问题;
- c. 若问题依然没有解决请联系客服或代理商;

### 2.U盘不能播放音乐:

- a. U盘容量过大, 建议使用32G以下的U盘;
- b. U盘格式不正确, 将U盘进行格式化, 格式形式为 ‘FAT32’ ;
- c. U盘本身问题, 建议换一个U盘试试;
- d. 若问题依然没有解决请联系客服或代理商;

### 3.蓝牙无法连接:

- a. 查看蓝牙是否能正常开启 (指示灯闪烁, 并伴随有提示音);
- b. 若蓝牙指示灯闪烁之后再常亮, 则可能是蓝牙已被其他设备连接了;
- c. 可能是手机等设备的问题, 建议换一台手机试试看能否顺利连接蓝牙;
- d. 若问题依然没有解决请联系客服或代理商;

### 4.电池问题:

- a. 音箱续航能力变差:则电池可能因长期处于空电状态而受损(建议每次存放前先充满电);
- b. 音箱充不进电:排除适配器问题, 若适配器的指示灯不亮, 则适配器已损坏;
- c. 若问题依然没有解决请联系客服或代理商;

### 5.音箱不会响:

- a. 音箱的静音开关是否已被打开(AMP MUTE);
- b. 请先检查对应通道的音量旋钮 (GAIN) 以及总音量旋钮 (VOLUME) 是否已打开;
- c. 每个通道逐一尝试, 看是否为某个音频通道故障;
- d. 检查所接入的音源设备是否有正常工作(麦克风、吉他、手机等);
- e. 若问题依然没有解决请联系客服或代理商;

### 6.音箱噪声大:

- a. 尝试把所有的外接设备拔出, 包括各种乐器设备以及适配器;
- b. 检查是否为音箱周围其他设备产生的电磁干扰所导致;
- c. 若问题依然没有解决请联系客服或代理商;

# 参数规格

型号	BP-60D
额定输出功率	额定:120W (2*60W)
输入灵敏度	MIC:56db; 吉它:46db;
输入阻抗	MIC:1KOHM; 吉它:470KOHM;
输出阻抗	D. I OUT:100 OHM; 耳机:33 OHM;
喇叭	低音喇叭 8英寸 * 2 高音喇叭 2英寸 * 2
频率响应范围	40 - 18kHz +0/-3dB
重量	9.1 KG
适配器	输入电压: 110V - 230V 输出电压: 18V - 3A
电池组	大容量动力锂电池

充电/放电	充电时间 : 4-5 小时 续航时间 : 4-10 小时
控件	POWER 电源开关 MUTE 静音开关 48V 48V幻象电源 VOLUME/GAIN 音量/增益旋钮 CHORUS/REVERB/DELAY 合唱/混响/延时 MODE /▶ 蓝牙多功能旋钮 LOW/MID/HIGH 低/中/高增益旋钮
接口	MIC: 卡农/6. 35mm立体接口 GUITAR: 6. 35mm单声道接口 RECORD: 3. 5mm 4节立体声接口 HEADPHONE/SEND: 6. 35mm立体接口 D. I OUT/AMP IN: 6. 35mm单声道接口 DC-IN: 5. 5-2. 1mm适配器插口

Thank you for choosing our BP60D singing amplifier. Before using this product, please read the user manual first to understand the product functions, usage skills and precautions so that you can use this product better.

## Overview

BP60D is a professional outdoor performance amplifier. Its configuration "2\*8 inch woofer and 2\*2 inch tweeter" enables it to output wonderful sounds in terms of vocal singing and instrument performance. It can be plugged into multiple devices such as microphones, guitars, electronic organs, saxophones, MP3s, mobile phones at the same time; in terms of battery life, BP60D is also equipped with a power lithium battery pack, which allows you to perform 4-10 hours of continuous outdoor performance; in terms of function selection In addition to the functions of balanced modulation, chorus, reverb, and delay, BP60D also expands the functions of B.T, USB playback, and external effects, which greatly meets the needs of users for multi-function speakers.

## Precautions

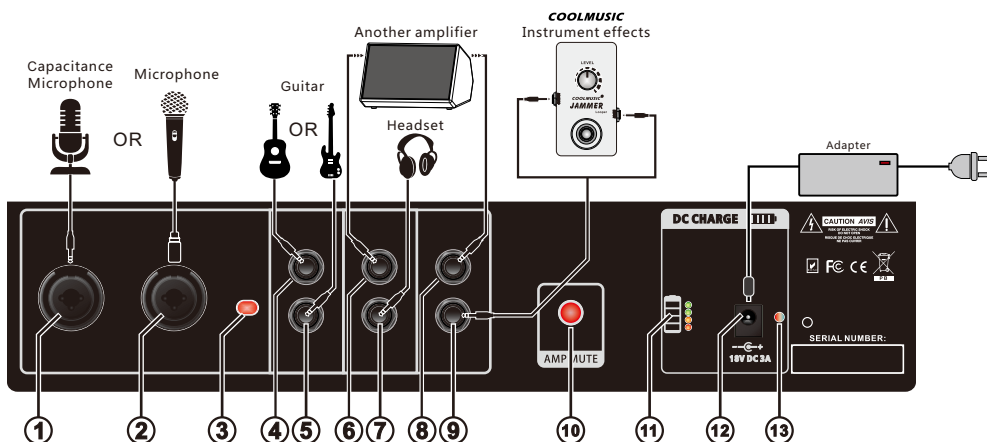


If your device has a built-in battery, you should pay attention to it during long-term storage: charge it as soon as possible when the battery is low, otherwise it will reduce the battery life;

- ➡ When using, please connect to a power outlet with grounding protection.
- ➡ Do not disassemble or modify the built-in components and wiring of this device by yourself.
- ➡ Please use the supplied adapter or power cord.
- ➡ Before use, make sure that the rated voltage of the equipment matches the mains voltage. Inconsistent voltage will cause equipment damage.
- ➡ Do not twist or bend the power cord excessively. This may cause a short circuit!
- ➡ Do not share too many electrical appliances with this product. Pay special attention to all your equipment, the total power must not exceed the power that the socket can withstand.
- ➡ When inserting the power cord plug into the socket, hold the power cord plug with your hand.
- ➡ Please avoid entanglement of power cord with various wires. In addition, keep away from children.
- ➡ When your hands are wet, do not take the power cord or insert or unplug the power cord plug.
- ➡ Before moving the device, unplug the power cord and all cables connected to the device.
- ➡ Before cleaning the device, turn off the power and unplug the power cord from the socket.
- ➡ If you suspect a lightning strike in your area, please unplug the power plug.

- ➡ Do not place this equipment in the following places:
  1. Places with excessive temperature
  2. Humid place
  3. Places with heavy humidity
  4. Places directly exposed to rain
  5. Dusty places
  6. Places with strong vibrations
- ➡ When the following situations occur, turn off the power immediately and unplug the plug:
  1. Damaged adapter, power cord or plug
  2. Smoke or peculiar smell occurs
  3. The equipment is directly exposed to rain (or wet)
  4. The equipment is not operating normally or has obvious abnormalities

# Interface Description



## Microphone In:

- MIC 1(Support 48V phantom power) :**  
This interface can be connected to a dynamic microphone or a condenser microphone;
- MIC 2 :**  
This interface is used to connect microphones, guitars and other equipment;
- 48V (48V phantom power) :**  
Turn on this switch first, and then plug the "condenser microphone" into the "MIC 1" ( ) to use it normally;

## Musical Instrument In:

- GT 1 :**  
Used to connect "guitar, electronic organ, saxophone" and other musical instruments;
- GT 2 :**  
Used to connect "guitar, electronic organ, saxophone" and other musical instruments;

## Output:

- D.I OUT :**  
Can output the music played by amplifier to other music equipment;
- HEADPHONE :**  
Used to monitor speakers after connecting headphones;

## In / output:

- AMP IN :** This interface is used to connect the D.I output of other speakers to realize function of multi-device audio synchronization playback;
- SENDS/RETURN :**  
Use a "stereo to dual mono" audio cable, connect the stereo end to the amplifier, and connect the two mono channels to the input and output of the effector respectively to realize the function of the external amplifier effector.

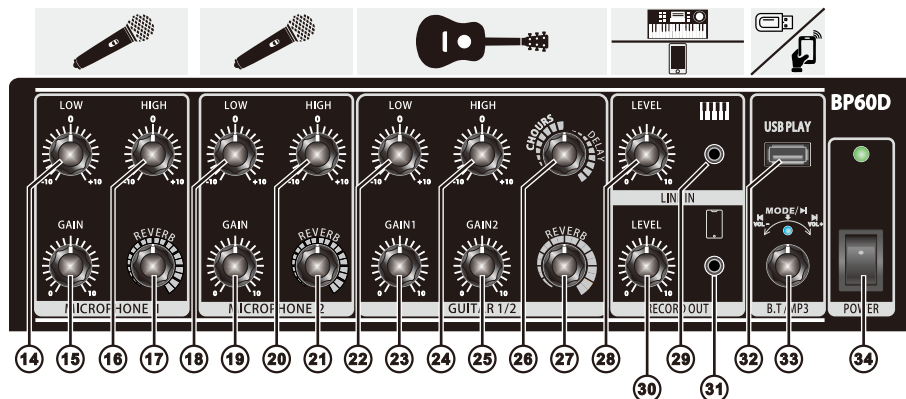
## AMP MUTE :

Click the button, the indicator light will turn red, and the amplifier will enter 'mute mode'

## Power/Charging:

- Battery Indicator:**  
If the indicator light is on "red", please charge amplifier as soon as possible;
- DC - IN :**  
When battery is low, please use an adapter to connect to this port to charge amplifier;
- Charging Indicator:**  
The indicator light is red to indicate that it is charging, and the indicator light is blue to indicate that it is fully charged;

# 控制说明



## 麦克风输入接口 1:

- 低频调节旋钮 :**  
用于调节'麦克风接口1'输入的低频信号强度 ;
- 增益旋钮 :**  
用于调节'麦克风接口1'输入音频的增益 ;
- 高频调节旋钮 :**  
用于调节'麦克风接口1'输入的高频信号强度 ;
- '混响' 效果旋钮 :**  
用于调节'麦克风接口1'输入信号的混响效果强度 ;

## 麦克风输入接口 2:

- 低频调节旋钮 :**  
用于调节'麦克风接口2'输入的低频信号强度 ;
- 增益旋钮 :**  
用于调节'麦克风接口2'输入音频的增益 ;
- 高频调节旋钮 :**  
用于调节'麦克风接口2'输入的高频信号强度 ;
- '混响' 效果旋钮 :**  
用于调节'麦克风接口2'输入信号的混响效果强度 ;

## 乐器通道 :

- 低频调节旋钮 :**  
用于调节'乐器通道' 输入的低频信号强度 ;
- '乐器接口 1'增益旋钮 :**  
用于调节'乐器输入接口1' 输入音频的增益 ;
- 高频调节旋钮 :**  
用于调节'乐器通道' 输入的高频信号强度 ;
- '乐器接口 2'增益旋钮 :**  
用于调节'乐器输入接口2' 输入音频的增益 ;

## 26 '合唱 / 延时' 效果旋钮 :

旋钮左边用于调节'乐器通道' 输入信号的合唱效果强度 ; 右边用于调节'乐器通道' 输入信号的延时效果强度 ;

## 27 '混响' 效果旋钮 :

用于调节'乐器通道' 输入信号的混响效果强度 ;

## 线路通道 :

### 28 音量旋钮 :

用于调节'线路输入接口' 输入音频的增益 ;

### 29 输入接口 :

此接口用于接入"手机、电子琴、键盘"等音频设备

## 手机通道 (支持直播内录) :

### 30 音量旋钮 :

用于调节'手机接口'输入音频的增益 ;

### 31 手机接口 :

此接口通过"4节 3.5mm音频线"连接手机后即可为音箱提供音源输入也可实现"直播内录"功能 ;

## USB / 蓝牙 :

### 32 USB接口 :

插入U盘后蓝牙将自动关闭并播放U盘中的歌曲 ;

### 33 蓝牙功能旋钮 :

长按:'打开/关闭'蓝牙功能  
往'右边'扭一下 : 下一首歌曲  
往'左边'扭一下 : 上一首歌曲

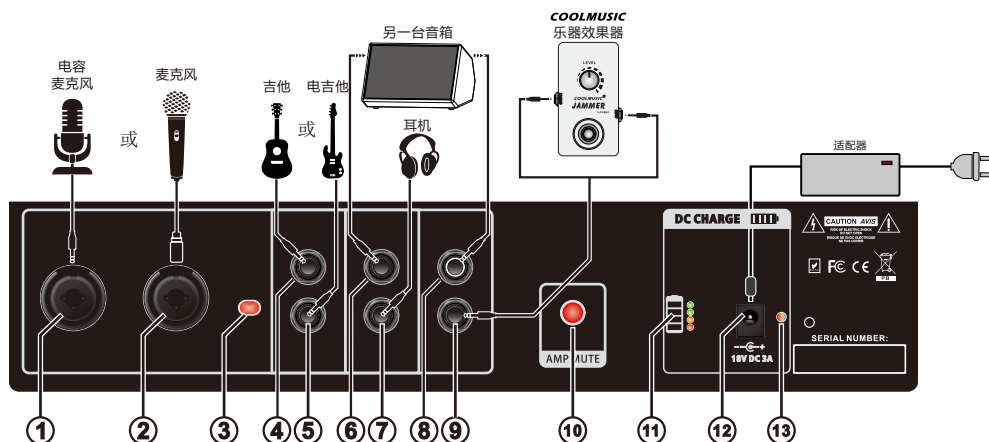
单击:'开始/暂停' 音乐播放  
往'右边'扭到底不放 : 音量增加  
往'左边'扭到底不放 : 音量减小

### 34 电源开关 :

用于控制音箱电源 '开启/关闭' ;

注 : 打开蓝牙后指示灯将闪烁 , 并伴随有提示音 , 使用手机搜索蓝牙名称为"COOLMUSIC"的设备 , 连接上蓝牙后指示灯将常亮 , 并伴随有提示音。

## 接口说明



### 麦克风输入接口:

- 1 麦克风输入接口 1(支持48V幻象电源):**  
此接口既可用于接入动圈式麦克风,也可用于接入电容麦克风(兼容"6.35mm或卡农"等音频线);
- 2 麦克风输入接口 2(不支持48V幻象电源):**  
此接口用于接入麦克风、吉他等设备(兼容"6.35mm或卡农"等音频线);
- 3 48V开关(48V幻象电源):**  
当您想使用"电容麦克风"连接音箱时,请先打开此开关,而后将麦克风插入到麦克风输入接口1 ( )后即可正常使用;

### 乐器输入接口:

- 4 乐器输入接口 1:**  
此接口用于接入"吉他、电子琴、萨克斯"等乐器设备;
- 5 乐器输入接口 2:**  
此接口用于接入"吉他、电子琴、萨克斯"等乐器设备;

### 输出接口:

- 6 D.I 输出接口:**  
可将音箱所播放的音乐输出到其他音乐设备,实现多设备音频同步播放的功能;
- 7 耳机输出接口:**  
接入耳机以后可达到监听音箱的效果;

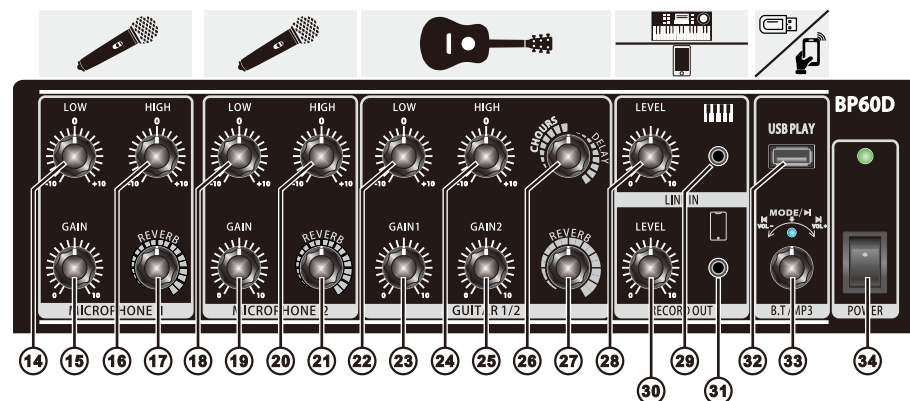
### 其他输入接口:

- 8 音箱输入接口:**  
此接口可用于连接其他音箱的D.I 输出,实现多设备音频同步播放的功能;
- 9 效果器拓展接口:**  
使用一根"立体声转双单声道"的音频线,立体声端连接音箱,两个单声道分别连接效果器的输入和输出,即可实现外扩效果器的功能。  
**注:**若外扩效果器后发现没有效果(或没有声音),可尝试将效果器的输入-输出连接线调换一下,而后再做尝试。

### 供电/充电:

- 10 静音开关:**  
单击该按钮,指示灯亮红色,音箱将进入'静音模式'(不影响D.I 输出和耳机输出);
- 11 电量指示灯:**  
当指示灯只亮红色和橙色时,音箱处于低电量状态,若只亮红色,建议您尽快将音箱拿去充电;
- 12 电源输入接口:**  
当音箱电量较低时,请使用原装的适配器连接此端口来为音箱充电(18V / 3A);
- 13 充电指示灯:**  
当适配器连接音箱后,指示灯亮红色表示正在充电,指示灯亮蓝色表示电已充满;

## Control Instructions



### Microphone 1 :

- 14 LOW :**  
Used to adjust low frequency gain of 'MIC 1';
- 15 GAIN :**  
Used to adjust the gain of 'MIC 1';
- 16 HIGH :**  
Used to adjust high frequency gain of 'MIC 1';
- 17 REVERB :**  
Used to adjust reverberation gain of 'MIC 1';

### Microphone 2 :

- 18 LOW :**  
Used to adjust low frequency gain of 'MIC 2';
- 19 GAIN :**  
Used to adjust the gain of 'MIC 2';
- 20 HIGH :**  
Used to adjust high frequency gain of 'MIC 2';
- 21 REVERB :**  
Used to adjust reverberation gain of 'MIC 2';

### Musical instrument :

- 22 LOW :**  
Used to adjust low frequency gain of 'Guitar 1/2';
- 23 GAIN :**  
Used to adjust the gain of 'Guitar 1';
- 24 HIGH :**  
Used to adjust high frequency gain of 'Guitar 1/2';
- 25 GAIN :**  
Used to adjust the gain of 'Guitar 2';

### 26 CHORUS/DELAY :

The left side of the knob is used to adjust the chorus gain of 'Guitar 1/2'; the right side is used to adjust delay gain of 'Guitar 1/2';

### 27 REVERB :

Used to adjust reverberation gain of 'Guitar 1/2';

### Line In :

### 28 LEVEL :

Used to adjust the gain of 'Line in' input audio;

### 29 Line in :

Used to access "mobile phones, electronic organs, keyboards" and other equipment;

### Record :

### 30 LEVEL :

Adjust the gain of the interface input audio;

### 31 PHONE :

After this interface is connected to mobile phone through the "3.5mm audio cable", the "live recording" function can be realized;

### USB / B.T :

**32 USB :** Insert USB flash drive, amplifier will turn off B.T and play songs in USB flash drive;

### 33 B.T :

Long press : 'on/off' B.T; Click : Start/pause;  
Twist right : Switch to next song; right and stay : Volume increase;  
Twist left : Switch to previous song; left and stay : Volume decrease;

### 34 POWER :control amplifier power" on/off"

**Note:** After turning on B.T, use your mobile phone to search for a device whose B.T name is "coolmusic", and you can use it normally after connecting.



# Troubleshooting

**1. Can't turn on the machine:**

- a. The battery is exhausted, please take the amplifier to charge as soon as possible;
- b. Troubleshoot the problem caused by the adapter failure: check whether the adapter indicator will be on;
- c. If the problem is still not resolved, please contact customer service or agent;

**2.U disk cannot play music:**

- a.U disk capacity is too large, it is recommended to use a U disk below 32G;
- b. The format of the USB flash drive is incorrect. Format the USB flash drive with the format of ‘FAT32’ ;
- c. There is a problem with the U disk itself, it is recommended to try another U disk;
- d. If the problem is still not resolved, please contact customer service or agent;

**3.B.T cannot connect:**

- a. Whether the B.T is normally turned on (the indicator light flashes, accompanied by a beep);
- b. If the indicator light flashes and then turns on again, the B.T has been connected by other devices;
- c. It may be a problem with the mobile phone, it is recommended to try another mobile phone;
- d. If the problem is still not resolved, please contact customer service or agent;

**4.Battery problem:**

- a. Poor endurance: the battery may be damaged due to long-term empty power;
- b. The amplifier cannot be charged: if the indicator light of the adapter is not on, the adapter is damaged;
- c. Please contact customer service or agent;

**5.amplifier will not sound:**


- a. Whether the mute switch of the amplifier has been turned on (AMP MUTE);
- b. Check whether the gain of the channel (GAIN) and the total volume knob (VOLUME) are turned on;
- c. Try each channel one by one to see if a certain audio channel is faulty;
- d. Check whether the sound source equipment is working properly (microphone, guitar, mobile phone, etc.);
- e. If the problem is still not resolved, please contact customer service or agent;


**6.Loud amplifier noise:**

- a. Try to unplug all external devices, including various musical instruments and adapters;
- b. Check whether it is caused by interference from equipment around the amplifier;
- c. If the problem is still not resolved, please contact customer service or agent;

# Troubleshooting

# Specifications

Model	BP-60D
Output Power	Rated :120W(2*60W)
Sensitivity	MIC:56db;Guitar 1/2:46db;
Input Resistance	MIC:1KOHM;Guitar 1/2:470KOHM
Output Resistance	D. I OUT:100 OHM;  :33 OHM;
Speaker	Woofer 8 inches * 2 Tweeter 3 inch * 2
Frequency Range	40 - 18kHz +0/-3dB
Weight	9.1 KG
Adapter	Input voltage: 110V - 230V Output voltage: 18V - 3A
Battery	Lithium battery

Charge/ discharge	Charging time : 4-5 hours Life time : 4-10 hours
Control	POWER switch MUTE Mute the device 48V Phantom power VOLUME/GAIN: Volume/Gain adjustment CHORUS/REVERB/DELAY:Effect modulation MODE /  B. T LOW/MID/HIGH : Balanced modulation
interface	MIC: Canon/6.35mm stereo interface GUITAR: 6.35mm mono audio interface RECORD: 3.5mm stereo interface HEADPHONE/SEND:6.35mm stereo interface D. I OUT/AMP IN: 6.35mm mono interface DC-IN: 5.5-2.1mm jack

感谢您选择我们的 BP60D 多功能弹唱音箱。在使用本产品前，请您先花点时间阅读用户手册，了解产品的功能、使用技巧以及注意事项，以便您在今后的弹唱演出中能更好地将产品的性能发挥得淋漓尽致。

# 概述

BP60D是一款专业的多功能户外弹唱音箱。其配置了“2\*8寸的低音喇叭以及2\*2寸的高音喇叭”，使得其在人声歌唱和乐器演奏方面都能输出最为美妙的声音。BP60D拥有6个输入接口供用户选择，可同时插入话筒、吉他、电子琴、萨克斯、MP3、手机等多个设备；在音箱续航方面，BP60D也搭载了了一个大容量的动力锂电池组，在充满电的情况下能让您在户外连续演出4-10小时，让您能尽情地享受在户外的演出时光；在音箱功能选择方面，BP60D除了拥有均衡调制、合唱、混响、延时等音色调整功能之外，还拓展了蓝牙、USB播放、拓展外置效果器等功能，极大地满足了用户对多功能音箱的需求。

# 注意事项

 若您购买的设备内部为锂电池供电，则应注意：设备电量低时应尽快为其充电，电池若长期处于低电量状态会降低电池的使用寿命；若您想将设备存放起来，也应先将设备充满电后再存放。

- 供电使用前请务必将本设备的电源线（或适配器）与带有接地保护的电源插座相连接。
- 请勿自行拆开或改动本设备的内部元件。
- 请使用随机附带的电源适配器或者电源线，附带的电源线或适配器请勿使用于其他的设备。
- 使用前先确认设备的额定电压与市电电压是否相符。电压不相符可能导致设备损坏甚至危及人身安全。
- 电源线请勿过度扭曲或弯折，也不可以在上面放置重物。否则将会损坏电源线而造成线路短路。损坏的电线可能造成火灾或触电危险！
- 请勿将过多的电器与本设备共用一个插座。在使用电源排插时，请特别注意您连接在电源排插上所有设备的总功率不可超过其所能承受的功率。电源超载会导致导线发热并溶解包覆电线的绝缘物质。
- 将电源线的插头插入或拔离插座时，请手握设备电源线的插头部分。
- 请避免电源线与各种导线互相缠绕。此外，也请让儿童远离电源线与导线。
- 手部潮湿时，请勿拿取本设备的电源线或将电源线的插头插入或拔离插座。
- 移动本设备之前，请拔下电源连接线以及所有与本设备相连接的外部设备连接线。
- 清洁本设备之前，请关闭电源并从插座上拔下电源线插头。
- 若打雷天气发生时，请将电源插头从插座上拔掉。

- 请勿将本设备放置在以下场所：
  - a 温度过高的场所（例如阳光直射下的封闭车辆中、热输送管附近或发热机器的上方）
  - b 潮湿处（例如浴室、洗手间、超市的地面等）
  - c 湿气重的地方
  - d 直接遭雨淋的地方
  - e 灰尘多的地方
  - f 有强烈震动的地方
- 当发生以下情况时，请立即关闭电源，将插头拔掉：
  - a 适配器、电源线或是插头破损
  - b 设备冒烟或产生异味
  - c 本设备直接遭雨淋（或打湿）
  - d 本设备不正常工作或是表现有明显的异样