



Best Sound System from Japan

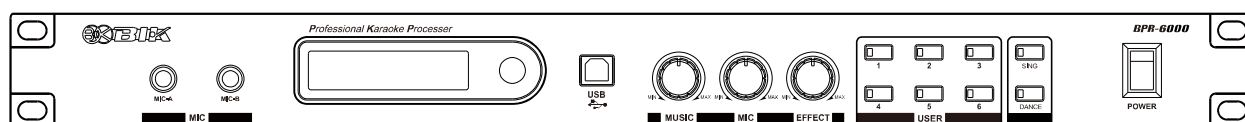
B-Questa®

OWNER'S MANUAL

使用说明书

BPR-6000

Professional Karaoke Pre Amplifier
专业卡拉OK效果处理器



Thank you for purchasing our Professional Karaoke Pre amplifier.

Please read the owner's manual thoroughly prior to use.

Please keep this manual for future reference.

感谢您购买本公司的专业卡拉OK效果处理器。

为了尽快的熟悉掌握本产品的各项功能，使用前请仔细阅读本说明书。

阅读后，请注意妥善保管。

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CAUTION FOR SAFETY

This "Caution for safety" shows various kinds of pictures in order to be used safely and correctly and to prevent from damaging other people, and their property. Please read with full understanding, and carefulness.

 WARNING	This shows: Using this product with disregarding cautions might call for death or injury.
 CAUTION	This shows: Using this product with disregarding cautions might call for people to be harmed and goods to be damaged.

WARNING

- Making use of this product under the circumstances that a smoke, an abnormal smell, an irregular sound coming out, it may cause a fire and an electric shock. In this case, switch off the product, and take AC plug out of the outlet right away. Bring it to the shop for repair.
- In case water or foreign substances get into product, switch off right away, and take AC plug out of outlet, and consult with the repair shop, otherwise, it may cause a fire or an electric shock.
- Re-assembling this product is strictly prohibited, otherwise, it may cause a fire or an electric shock.
- Do not take the cover out, otherwise, it may cause an electric shock. Inspection, repair should be done in the repair shop.
- This product can no way be used in the bathroom, otherwise, it may cause a fire, or an electric shock.
- Pay attention for water not to go into or get wet. Or it may cause a fire or an electric shock.
- This product can be used only with AC220V - AC240V, otherwise it may cause fire or receive an electric shock.
- This product is not designed for built-in installation: Do not place the product in an enclosed place such as a bookcase or rack.
- Be careful for AC plug, or outlet not to get dust or to get wet, or it may cause a fire.

CAUTION

- When this product is not used for a longer period, power supply plug should be taken out of outlet.
- In case the thunder is generated near-by, take power supply plug out of outlet right away, or it may cause a fire or an electric shock.
- If this product needs to be moved, switch off first, and then take power supply plug out, or it may damage cord, and may cause a fire or an electric shock.
- Do not put this product near cooking counter or damp supply outlet, or it may cause a fire or an electric shock.
- Do not put this product on unstable desk, it may cause damage or injury when dropped.
- Do not leave this product for a longer period such as in the cars where all windows are shut, or place where direct sunshine hits, or it may damage each part of this product, and may cause a fire.

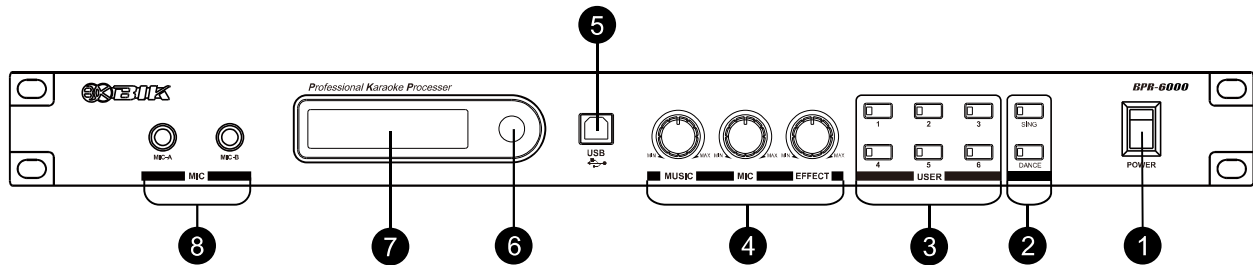
FUNCTION AND NAME

FUNCTION

- 48kHz sampling rate, 32-bit floating point DSP arithmetic process, 24-bit AD/DA convert.
- 2 independent MIC processor, 4 MIC input can be connected, with independent gain control, noise gate, Exciter, optional types LPF and HPF, 8 band PEQ (parameter can be adjusted and saved), optional 8 class feedback killer.
- MIC effect with master volume control, limiter, ECHO with 5 band PEQ(can be low/high cut), effect can be chosen, stereo and mono, dual effect can be chosen, delay, repeat and pre delay parameter can be adjusted separately; REVERB with 5 band PEQ (can be low/high cut), decay, predelay, liveliness adjust, and direct sound effect processor.
- Music channel with master volume control, limiter, noise gate, optional types low cut, 8 band PEQ(parameter can be adjusted and saved), key shift. 2 stereo music input, BGM and VOD, AUX with single input volume control, automatic and manual switching mode can be chosen, 1 optical input and 1 coaxial input included.
- 5.1 channel output:: L/R output, center output, surround output, Sub woofer output.
- L/R output with independent volume control, mute, delay, balance, compressor (parameter can be adjusted), 8 band PEQ (Can be Low/high cut).
- Center output with independent volume control, mute, delay, compressor (parameter can be adjusted), 7 band PEQ (Can be low/high cut).
- Surround output with independent volume control, mute, delay, compressor (parameter can be adjusted), 8 band PEQ (Can be low/high cut).
- Sub woofer output with independent volume control, mute, delay, compressor (parameter can be adjusted), 5 band PEQ, optional types low cut, high cut, delay.
- Output channel with dance music and sing setting function, auto and manual mode can be chosen. In the mode of automatic mode, when opening the MIC, it enter singing mode; when closing the MIC, it enter dance music mode.
- 2 MIC process channel can connect with different style MIC, such as Wireless MIC, Wire MIC, console MIC. different curves with different modifies, let the MIC tone be the perfect.

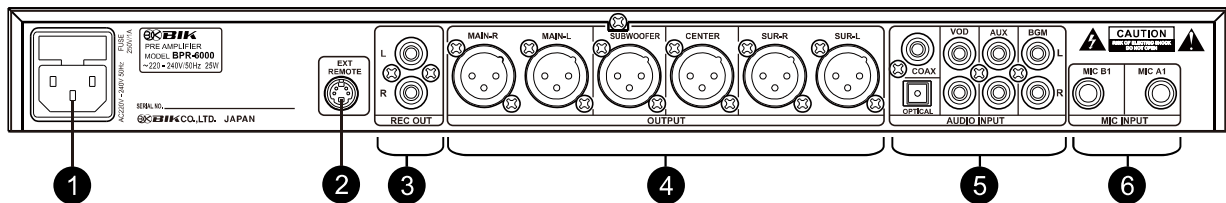
- Beautiful and visual PC software window, All the functions operate on the PC software.
The software with lock function, the panel with USB port, remote distance control port on the rear panel, made the system more safety and convenient.
- High-end LCD display, with infrared remote control function, one factory preset and 10 user preset, and there are several recommend effect parameter can be chosen, preset file can be save and recall, and the device data can upload and download.

FRONT PANEL



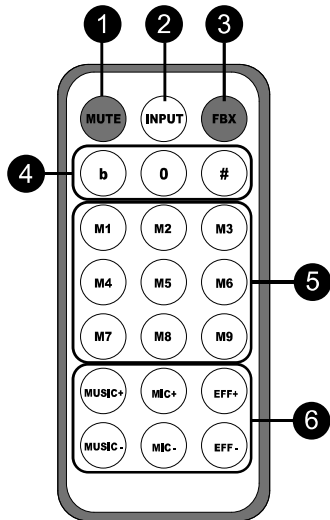
- 1 Power Switch.**
- 2 Sound Select Button.**
Select of sound mode.
- 3 USER Memory Button.**
Read to setting data.
- 4 Effect / Mic / Music Master Volume.**
Adjustment of Effect and Mic, Music volume.
- 5 USB port.**
Connect the computer with the PC software to control the device.
- 6 IR Receiver.**
- 7 LCD Display.**
Show all the operation menu.
- 8 Mic Input Jack.**
MIC A, B can be connected with 2 different microphone input, process separately.

Rear Panel



- 1 Power Cord Socket.**
Power input AC 220~240V, 50Hz.
- 2 Remote control terminal.**
Connecting to Remote control equipment is available.
- 3 Record output.**
Connect with record device, music and microphone synchronous recording.
- 4 Audio output.**
L/R balanced output (MAIN-R and MAIN-L, SUBWOOFER, CENTER, SUR-R, SUR-L), connect with Power amp system.
- 5 Audio Input.**
Audio input can switch to VOD, AUX, BGM, Optical, Coaxial Manually, switch among VOD and AUX, BGM when choose Automatical.
- 6 Mic input.**
A1, B1 is MIC A and B parallel input channel, can connect with 2 different microphone input.

Remote Control



- 1 Mute Button.**
Sound dies by pressing it, and go back to original by re-pressing it.

- 2 Input Changing Button.**
VOD, AUX, BGM, COAX, Optical to be changed in order.

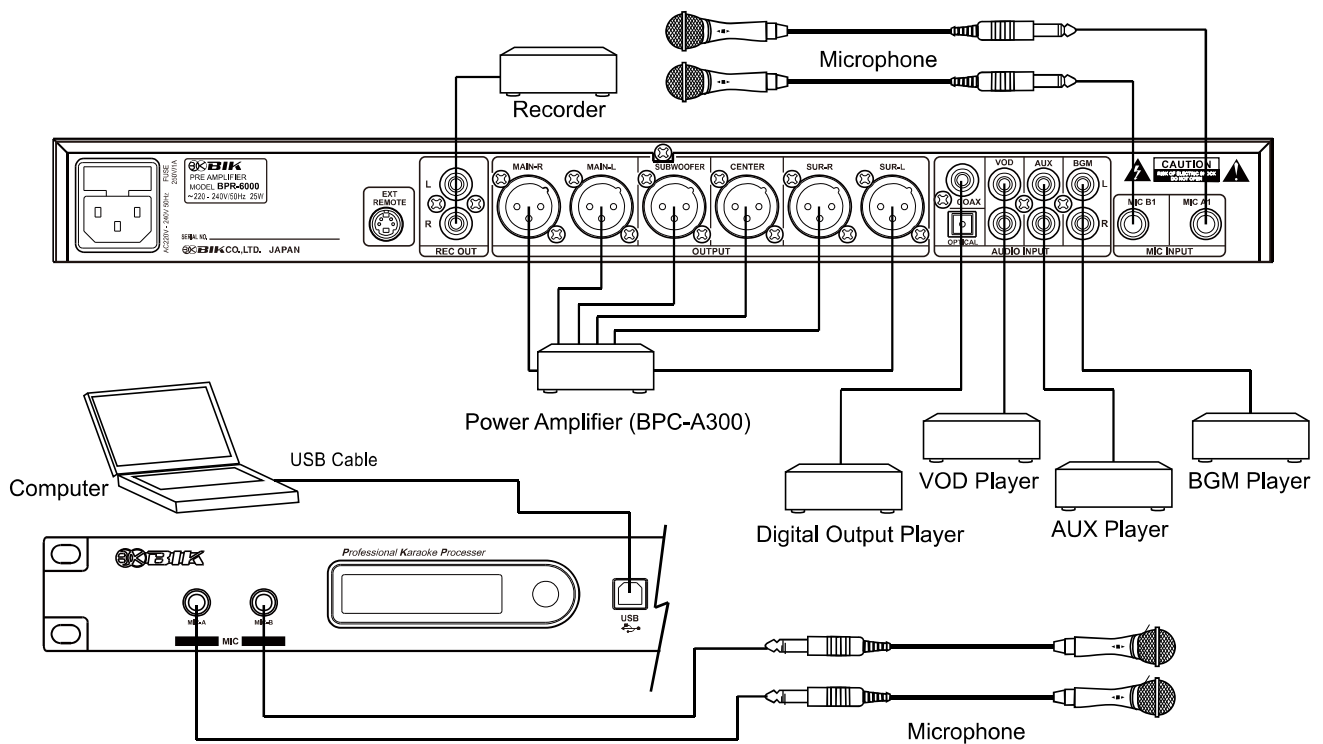
- 3 MIC FBX Control Button.**

- 4 Key Control Button.**
For adjusting musical tone, up or down.
b : To make it down
: To make it up
0 : Make it to Original.

- 5 User Preset Mode Switch Button.**
U01-U09 is user preset mode, you can recall any mode to use.

- 6 Volume Control Button.**
Adjust Music, Effect and Mic volume.

CONNECTION



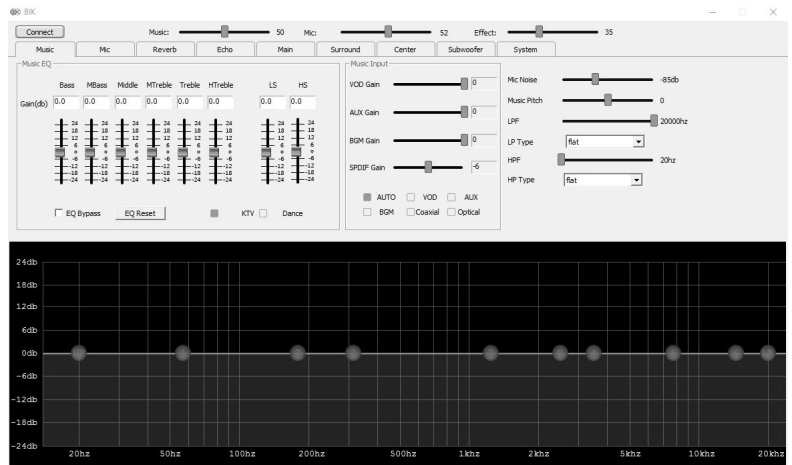
PC SOFTWARE

Please download “BPR-6000 PC SOFTWARE” from BIK home page.

※ URL: <http://www.bik-audio.com/product/bpr-6000/>

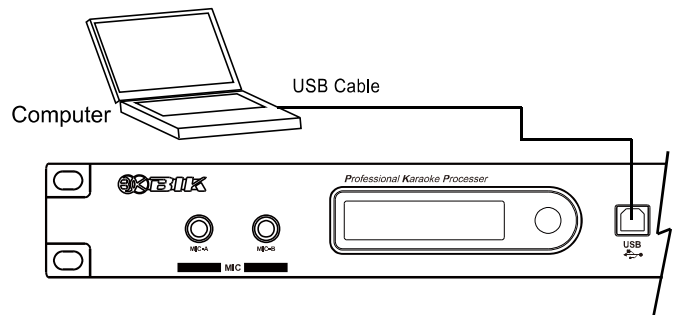
Set up the PC SOFTWARE.

Close the window once the window showed.



1. How to connect USB cable?

Connect computer and the pre amplifier with USB cable, turn on pre amplifier, the computer will find a new hardware automatically.



PC SOFTWARE WINDOW

1 Connect button

One key type link, green means connect, gray means disconnect.

2 Master volumes

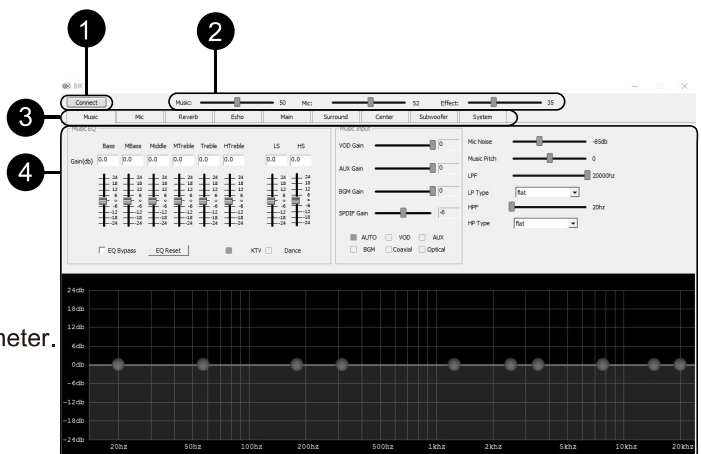
Adjust Music, Mic, and Effect volume.

3 Menu

Set the needed channel parameter, and system parameter.

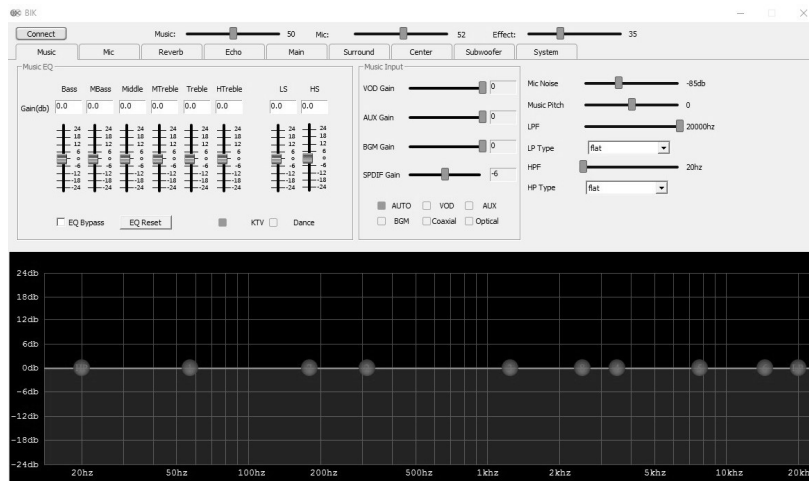
4 Setting screen

Set the needed channel parameter



PC SOFTWARE OPERATION INSTRUCTION

MUSIC MENU



1 MUSIC INPUT

Audio input can be chosen from VOD, AUX, BGM, OPTICAL, COAXIAL and VOD, BGM, or AUX input can be Automatically switched.

2 INPUT GAIN

Adjust Gain of VOD and AUX, BGM, SPDIF.
(-12dB ~ 0dB, Step:1dB)

3 MUSIC EQ

Adjust Music EQ. (8 BAND)

4 MUSIC HIGHPASS

Adjust HP filter frequency and style. (20~20kHz)
(FLAT/BL_12/BW_12/BL_18/BW_18/BL_24/BW_24/LR_24)

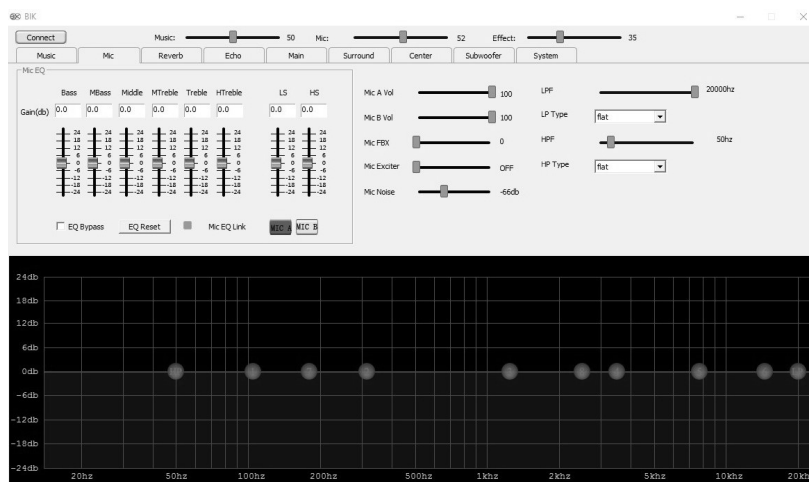
5 MUSIC LOWPASS

Adjust LP filter frequency and style. (20~20kHz)
(FLAT/BL_12/BW_12/BL_18/BW_18/BL_24/BW_24/LR_24)

6 MUSIC PITCH

Adjust music tone control.
(b1~b7, 0, #1~#7)

MIC MENU



1 MIC FBX LEVEL

8 class feedback killer selection.

2 MIC NOISE GATE

Adjust Mic noise gate.
(OFF, -40dB ~ -80dB)

3 MIC EXCITER

Adjust Mic exciter. (OFF, 1 ~ 24)

4 MIC HIGHPASS

Adjust HP filter frequency and style. (20~20kHz)
(FLAT/BL_12/BW_12/BL_18/BW_18/BL_24/BW_24/LR_24)

5 MIC LOWPASS

Adjust LP filter frequency and style. (20~20kHz)
(FLAT/BL_12/BW_12/BL_18/BW_18/BL_24/BW_24/LR_24)

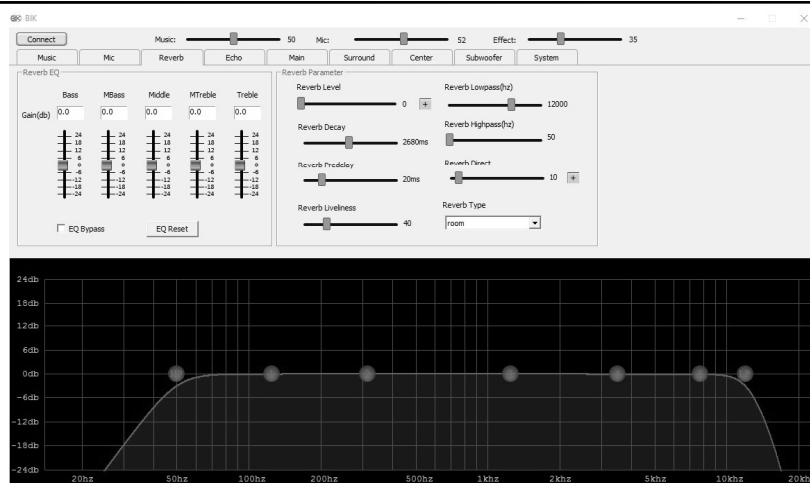
6 MIC VOLUME

Adjust Mic volume. (0 ~ 100)

7 MIC EQ

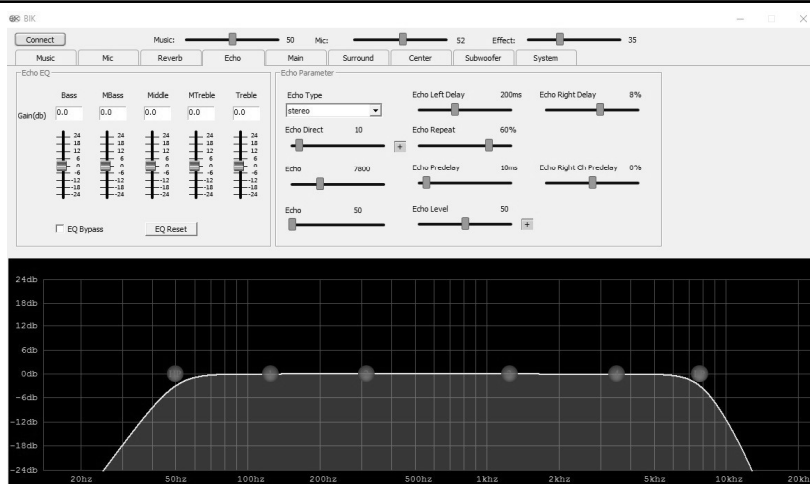
Adjust Mic EQ. (8 BAND)

REVERB MENU



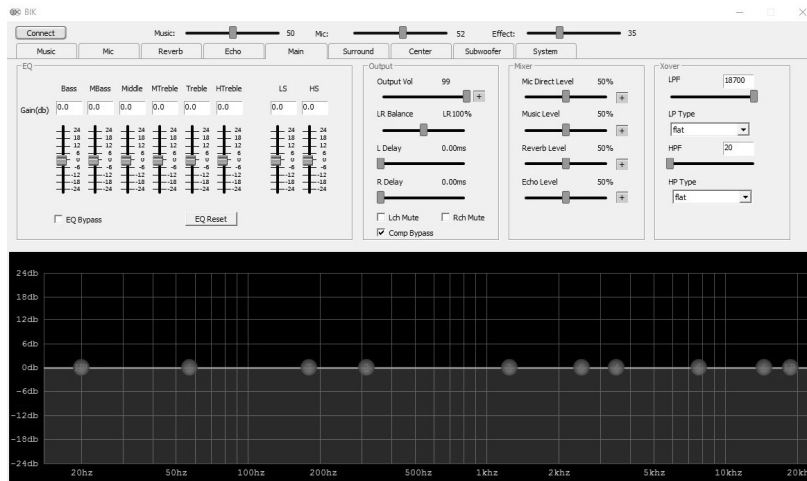
- 1 **REV LEVEL**
Adjust reverb level and polarity. (0 ~ 100, "+" or "-")
- 2 **REV TYPE**
Set Reverb type. (HALL/ROOM/PLATE)
- 3 **REV DECAY**
Adjust decay time. (500~5000ms)
- 4 **REV PREDELAY**
Adjust predelay time. (0~100ms)
- 5 **REV DIRECT**
Adjust direct level and polarity. (0 ~ 100, "+" or "-")
- 6 **REV LIVELINESS**
Adjust Reverb liveliness. (20~99)
- 7 **REV HIGHPASS**
Adjust reverb highpass filter frequency. (20~1000Hz)
- 8 **REV LOWPASS**
Adjust reverb lowpass filter frequency. (4000~16000Hz)
- 9 **REV EQ**
Adjust Reverb EQ.
(BAND:1~5 / FREQUENCY:20~20kHz / TYPE:PEQ,LS,HS
GAIN:-24dB~+24dB / BANDWIDTH: 0.4~99.9)

ECHO MENU



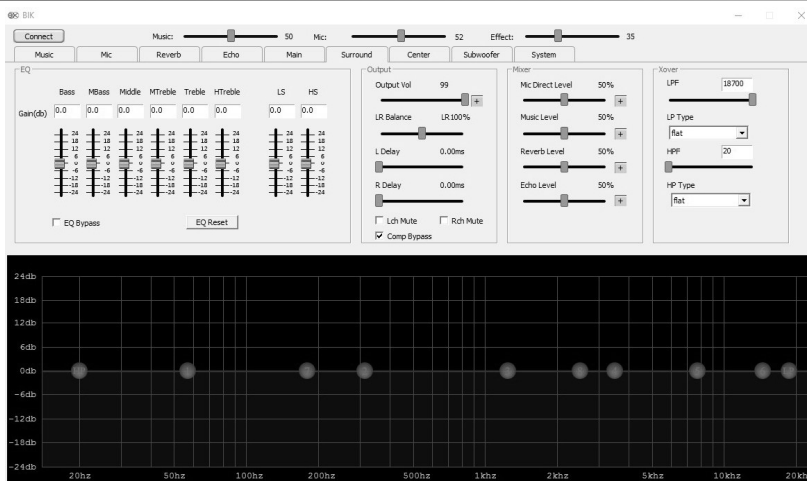
- 1 **ECHO DIRECT**
Adjust direct level and polarity. (0 ~ 100, "+" or "-")
- 2 **ECHO TYPE**
Set the Echo type. (MONO/STEREO/DUAL)
- 3 **ECHO DELAY**
Adjust Echo delay time. (0~5000ms)
- 4 **ECHO REPEAT**
Adjust Echo repeat. (0~90%)
- 5 **ECHO PREDELAY**
Adjust Echo predelay time. (0~100ms)
- 6 **ECHO HIGHPASS**
Adjust Echo highpass filter frequency. (20~1000Hz)
- 7 **ECHO LOWPASS**
Adjust Echo lowpass filter frequency.(4000~16000Hz)
- 8 **ECHO EQ**
Adjust Echo EQ.
(BAND:1~5 / FREQUENCY:20~20kHz / TYPE:PEQ,LS,HS
GAIN:-24dB~+24dB / BANDWIDTH: 0.4~99.9)

MAIN MENU



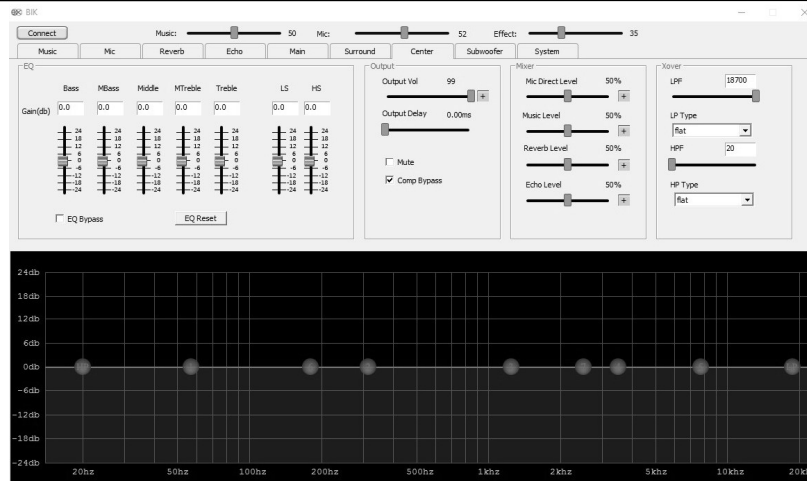
- 1 **MAIN VOL**
Adjust volume and polarity. (0 ~ 99, "+" or "-")
- 2 **MAIN DELAY**
Adjust delay time. (L DELAY/ R DELAY, 0 ~ 50ms)
- 3 **MAIN MUTE**
Control mute or unmute of output. (L MUTE/ R MUTE)
- 4 **MAIN MIXER**
Adjust Mic, Music, Reverb, Echo volume and polarity. (0 ~ 100%, "+" or "-")
- 5 **MAIN COMP**
Adjust Threshold and Ratio, Attack, Release. (-50dB ~ 0dB / 1:2 ~ 1:100 / 1 ~ 90ms / 0.1 ~ 2.5s)
- 6 **MAIN HIGHPASS**
Adjust highpass filter frequency. (20 ~ 20kHz)
- 7 **MAIN LOWPASS**
Adjust reverb lowpass filter frequency. (20 ~ 20kHz)
- 8 **MAIN EQ**
Adjust main output EQ. (BAND:1~8 / FREQUENCY:20 ~ 20kHz / TYPE:PEQ, LS, HS GAIN:-24dB ~ +24dB / BANDWIDTH: 0.4 ~ 99.9)

SURROUND MENU



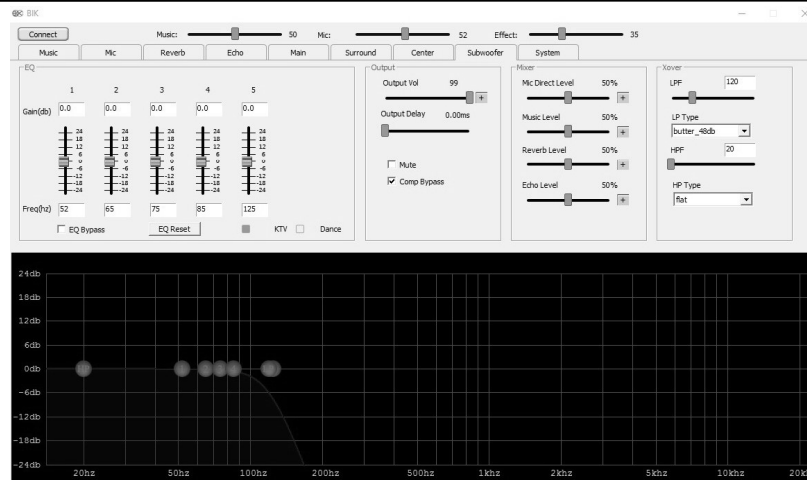
- 1 **SURROUND VOL**
Adjust volume and polarity. (0 ~ 99, "+" or "-")
- 2 **SURROUND DELAY**
Adjust delay time. (L DELAY/ R DELAY, 0 ~ 50ms)
- 3 **SURROUND MUTE**
Control mute or unmute of output. (L MUTE/ R MUTE)
- 4 **SURROUND MIXER**
Adjust Mic, Music, Reverb, Echo volume and polarity. (0 ~ 100%, "+" or "-")
- 5 **SURROUND COMP**
Adjust Threshold and Ratio, Attack, Release. (-50dB ~ 0dB / 1:2 ~ 1:100 / 1 ~ 90ms / 0.1 ~ 2.5s)
- 6 **SURROUND HIGHPASS**
Adjust highpass filter frequency. (20~ 20kHz)
- 7 **SURROUND LOWPASS**
Adjust reverb lowpass filter frequency. (20 ~ 20kHz)
- 8 **SURROUND EQ**
Adjust surround output EQ. (BAND:1~8 / FREQUENCY:20 ~ 20kHz / TYPE:PEQ, LS, HS GAIN:-24dB ~ +24dB / BANDWIDTH: 0.4~99.9)

CENTER MENU



- 1 **CENTER VOL**
Adjust volume and polarity.
(0 ~ 99, "+" or "-")
- 2 **CENTER DELAY**
Adjust delay time. (0 ~ 50ms)
- 3 **CENTER MUTE**
Control mute or unmute of output.
- 4 **CENTER MIXER**
Adjust Mic, Music, Reverb, Echo volume and polarity.
(0 ~ 100, "+" or "-")
- 5 **CENTER COMP**
Adjust Threshold and Ratio, Attack, Release.
(-50dB ~ 0dB / 1:2 ~ 1:100 / 1 ~ 90ms / 0.1 ~ 2.5s)
- 6 **CENTER HIGHPASS**
Adjust highpass filter frequency. (20 ~ 20kHz)
- 7 **CENTER LOWPASS**
Adjust reverb lowpass filter frequency. (20 ~ 20kHz)
- 8 **CENTER EQ**
Adjust surround output EQ.
(BAND:1~7 / FREQUENCY:20 ~ 20kHz / TYPE:PEQ, LS, HS
GAIN:-24dB ~ +24dB / BANDWIDTH: 0.4~99.9)

SUBWOOFER MENU



- 1 **SUBWOOFER VOL**
Adjust volume and polarity.
(0 ~ 99, "+" or "-")
- 2 **SUBWOOFER DELAY**
Adjust delay time. (0 ~ 50ms)
- 3 **SUBWOOFER MUTE**
Control mute or unmute of output.
- 4 **SUBWOOFER MIXER**
Adjust Mic, Music, Reverb, Echo volume and polarity.
(0 ~ 100%, "+" or "-")
- 5 **SUBWOOFER COMP**
Adjust Threshold and Ratio, Attack, Release.
(-50dB ~ 0dB / 1:2 ~ 1:100 / 1 ~ 90ms / 0.1 ~ 2.5s)
- 6 **SUBWOOFER HIGHPASS**
Adjust highpass filter frequency. (20 ~ 20kHz)
- 7 **SUBWOOFER LOWPASS**
Adjust reverb lowpass filter frequency. (20 ~ 20kHz)
- 8 **SUBWOOFER EQ**
Adjust surround output EQ.
(BAND:1~5 / FREQUENCY:20 ~ 20kHz / TYPE:PEQ, LS, HS
GAIN:-24dB ~ +24dB / BANDWIDTH: 0.4~99.9)

SYSTEM MENU



1 VOLUME CONFIG

Adjust Max volume of Music and Mic, Effect. (0~99)

2 RECORD MIXER

Adjust REC volume and Level of Music, Mic Effect.
(REC volume:0 ~ 99 / Level : 0 ~ 100%)

3 DANCE MODE

Adjust Mic Threshold, and Mic Time, Dance volume,
Sing volume.
(Mic Threshold : -60dB~0dB / Dance Mic Time : 1~30s)
(Dance volume : 0 ~ 99)
(Sing volume : 0 ~ 99)

4 PC MODE MANAGE

Preservation of information set from U1 up U10 can be done.
U1 up to U6 can be called by USERS button.
(U7 up to U10 can be called with PC connected.)
Information set up and preserved at PC can be also called.

Any troubles?

Any troubles? please check the followings. Your careless mistakes may cause troubles.
Consult with your dealers in case any troubles can not be solved after checking the followings.

Trouble	Cause	Remedy
No power is applied to the unit. Power on, but no sound.	● The power cord is not connected. ● Music volume control or Mic. volume control may be set to minimum position. ● Music signal choice is incorrect. ● The output cords is not connected correctly. ● The power amplifier switch is not ON.	● Connect the power cord to AC outlet. ● Adjust for proper sound position. ● Choose correct music signal input. ● Connect the output cord correctly. ● Turn ON the power amplifier.
No sound at beginning of the music when switched on.	● Output level of audio component is set to minimum.	● Adjust it to suitable position.
No microphone sound but playback the music sound.	● Microphone switch is to "OFF". ● The microphone cord broken. ● Microphone plug is not connected.	● Set it to "ON". ● Repair or replace it. ● Connect it correctly.
Without echo.	● Echo volume is minimum.	● Adjust the Echo volume.
Can not use remote control.	● The power amplifier switch is not ON. ● Remote control batteries is not in. ● Batteries ran down.	● Turn ON the power amplifier. ● Check batteries. ● Change batteries to new ones.

SPECIFICATIONS

Frequency Response 20Hz - 20kHz
 Total harmonic Distortion 0.03% (max)
 S/N Ratio 100 dB (min)
 Cross Talk 75 dB (min)
 Music Input (L / R)
 Sensitivity 500 mV
 Input impedance 20 kΩ
 Microphone input
 (MIC A1 / 2, MIC B1 / 2)
 Sensitivity 40 mV
 Input impedance 2.2 kΩ
 Output
 MAIN OUT (L/R) 6.0 V
 CENTER OUT 6.0V
 SUB-WOOFER OUT 6.0 V
 AUX OUT (L/R) 6.0 V
 REC OUT (L/R) 6.0 V
 Key Control 15 steps

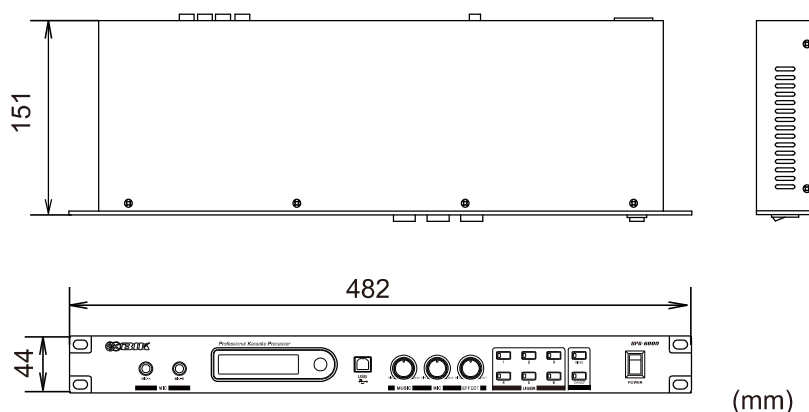
Power supply, Others

Power Voltage 220V ~ 240V/50Hz
 Power consumption 25 W
 Dimensions (W X H X D) 482 X44 X 151 mm
 Weight 2.8 kg

Accessories

Owner's manual 1
 Remote Controller 1
 Power Cable 1

● Design and specifications subject to change without notice.



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安全注意事项

安全注意事项是为了安全正确使用本商品、防止给自己及他人带来财产损失。
以下用图标的形式加以注明。请仔细阅读本文。

 警告	警告 无视或误用会有造成人身事故的可能性。
 注意	注意 无视或误用会有造成人身伤残、或对财产损坏的可能性。

 警告

- 在使用时、如果有冒烟、异味、异音等异常现象发生、为避免发生火灾、触电现象等、请立即切断本机电源、然后拔下AC电源插头。确认没有再冒烟后、到贩卖店进行修理。
- 在使用时如有水或异物等混入机体内、首先切断机体电源、然后拔下电源插头。请尽快与经销商联系、进行修理。
- 在未进行维修的状态下使用、会引起火灾、触电现象等问题。
- 请勿分解、改装本机器、会引起火灾、触电、故障等现象。绝对不可以打开本机器的外壳、会引起触电事故。内部的检查、修理等请委托经销商。
- 请勿在浴室内使用、会引起火灾、触电等现象。
- 请防止机器进水或使机器受潮、会引起火灾、触电等现象。
- 电源插头不要插入电压（AC220V - AC240V）以外的电源上。有造成火灾、触电的危险。
- 请不要用带有灰尘、或带有湿气的插头和插座、会引起火灾等现象。

 注意

- 旅行等长时间不使用时、为了安全请务必拔下插头。
- 如近距离内有雷电现象时、请拔下电源插头，由于雷电原因，会引起火灾、触电、故障等现象。
- 移动时首先关闭电源开关、然后务必拔下电源插头。
- 请勿放置在灶台、加湿器及有油烟、雾气的地方。会引起火灾、触电等现象。
- 请勿放置在不安稳的桌上、或倾斜的地方。会容易掉落、翻倒而造成损坏、损伤等现象。
- 请勿放置在紧闭车窗的汽车内、或阳光直射及高温的地方。以免造成零部件的损坏、而引起火灾。

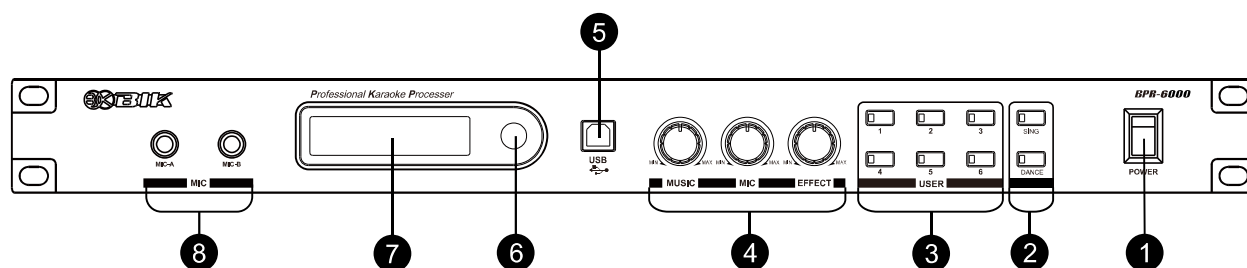
产品特点

功能

- 采用32位高性能DSP和AD/DA，24位，48K采样纯数字的专业KTV前置效果器。
- 独特的麦克风反馈抑制算法，有8级强度可调。
- 专业演唱的回音效果，有单声道回声/立体声回声/双回声三种类型，可自由地调整。
- 多样可选的混响效果，有大厅/房间/板房三种类型，满足不同的要求。
- 麦克风激励器，使歌唱变得轻松自如。
- 具有音频处理器的功能，拥有超精细的延时调整。
- 光纤和同轴音频数字输入接口，获得更完美的音源。
- 音乐的变调功能，随时满足不同歌唱者的要求；即时和自动的超低音加强舞会模式。
- 方便的两种混音模式，一种为简洁模式适用传统的KTV功能，另一种为进阶模式适用音频处理器功能。
- 加强的开关机静音功能，不再为开关机的杂音和损坏音箱而烦恼。
- 4组麦克风输入，2组输入音量电位器，麦克风高通滤波器和低通滤波器，拥有双麦克风输入，MIC A/B和MIC A1/B1，双路独立的8段均衡。
- 立体声模拟音乐输入，8段均衡，高通滤波器和低通滤波器。
- 3组音频自动优先输入，背景音乐BGM功能。
- 6个独立通道输出，每个通路都可以独立的混音、高低分频器、主输出8段均衡、环绕8段均衡、中置和超低音5段均衡、延时、压限、极性变换、音量调节、静音。

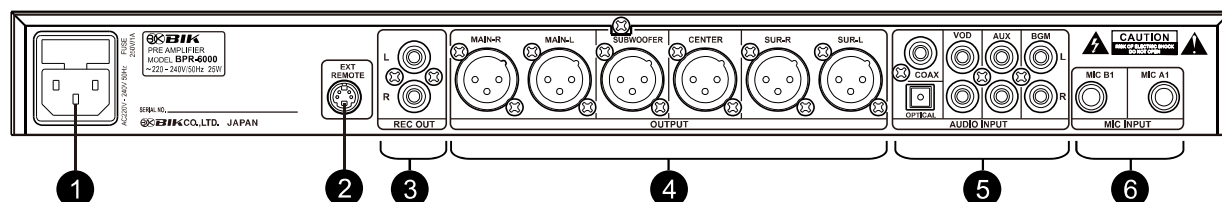
- 一组立体声录音输出，具有独立的音量调节和混音功能。
- 管理者、用户和初级模式，密码管理；密码按键锁的功能。
- 拥有10组用户参数存储和调用。
- VOD点歌控制接口，无线红外遥控和线控功能。
- 免驱动USB接口，实时通过PC软件控制全部参数。

前面板



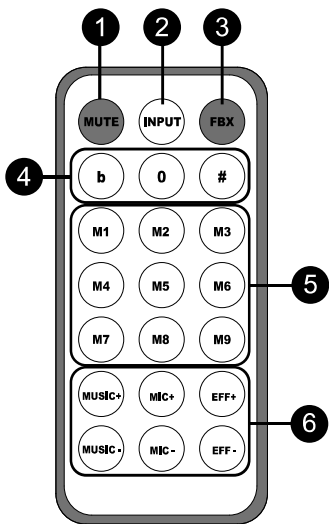
- | | |
|------------------------------|---------------------------|
| 1 电源开关
用来切换ON/ OFF | 5 USB通讯控制接口 |
| 2 音质选择按钮 | 6 红外线遥控接收窗口 |
| 3 六种效果存储按键 | 7 LCD显示屏
用于显示各种参数调节的信息 |
| 4 音乐音量旋钮, 麦克风音量旋钮, 麦克风效果音量旋钮 | 8 麦克风插头输入孔
可以插入2支麦克风 |

后面板



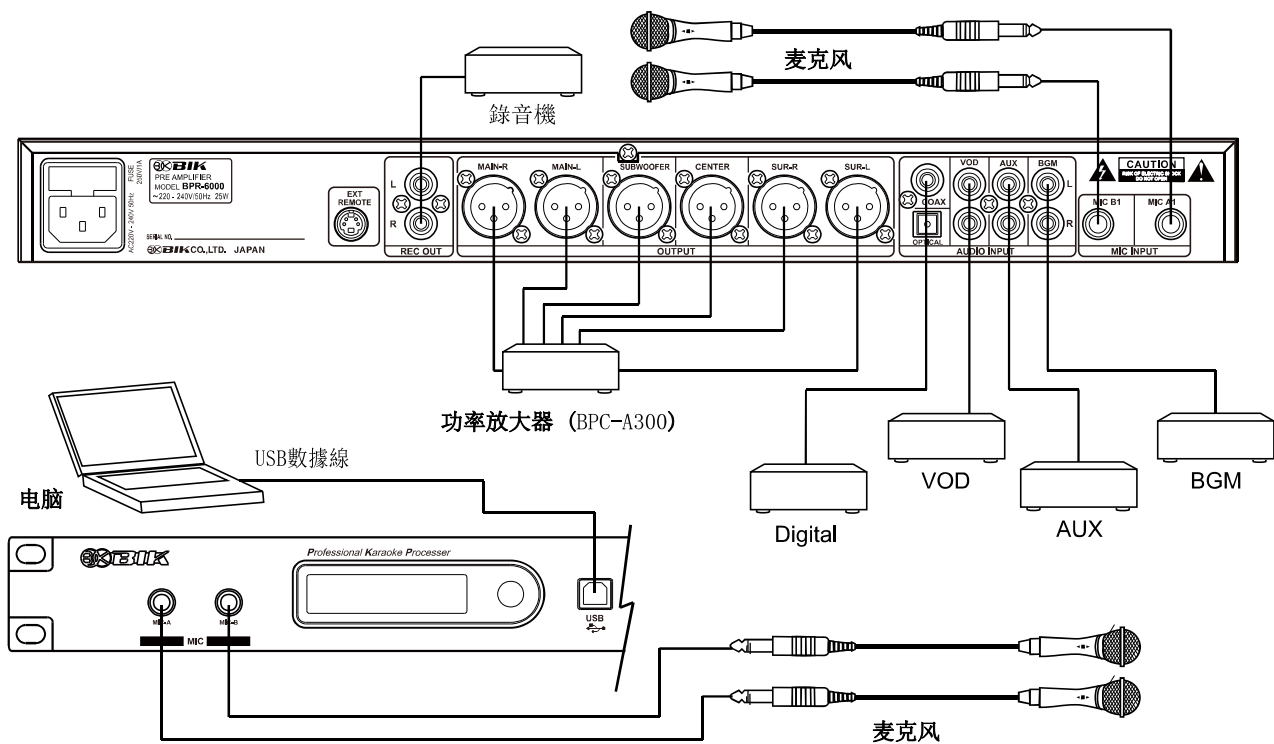
- | | |
|------------------------------------|--|
| 1 电源线插座
电源电压 AC 220~240V, 50Hz. | 4 输出端子
各声道信号输出。 |
| 2 遥控扩展或线控输入详细介绍
用来外接遥控接收器 | 5 音频信号输入端子
(BGM, AUX, VOD, COAX, OPTICAL) |
| 3 立体声录音输出接口 | 6 麦克风A1 / B1 插口 |

遥控器



- 1 静音按键
按一次即变为静音状态，再按一次返回原状态。
- 2 信号输入切换按钮
按此按键的时候会依据VOD, AUX, BGM, COAX, Optical。
- 3 F.B.X键
啸叫抑制键其功能是减少麦克产生的啸叫。
- 4 音乐升降调按键
b: 降调 #: 升调 0: 恢复原状态。
- 5 九种效果存储按键
- 6 音量控制键
音量用“+”、“-”键控制调节。

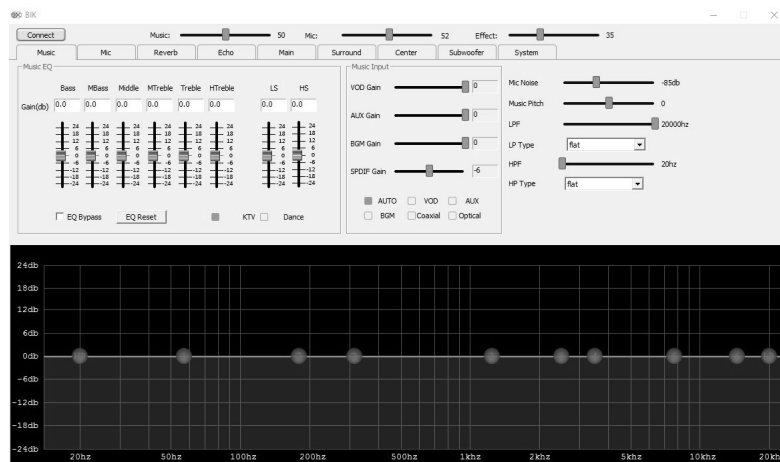
连接方法



PC軟件

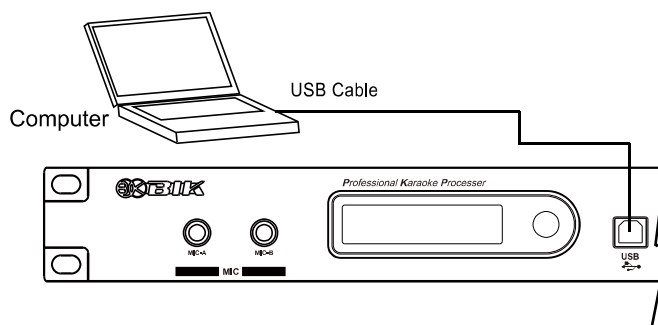
BPR-6000 的调试软件请在BIK官方网站下载。

※ URL: <http://www.bik-audio.com/product/bpr-6000/>



1. 用USB连接线连接。

用USB连接PC和前级效果器。PC自动识别后，即可操作。



PC軟件

1 連接按鈕

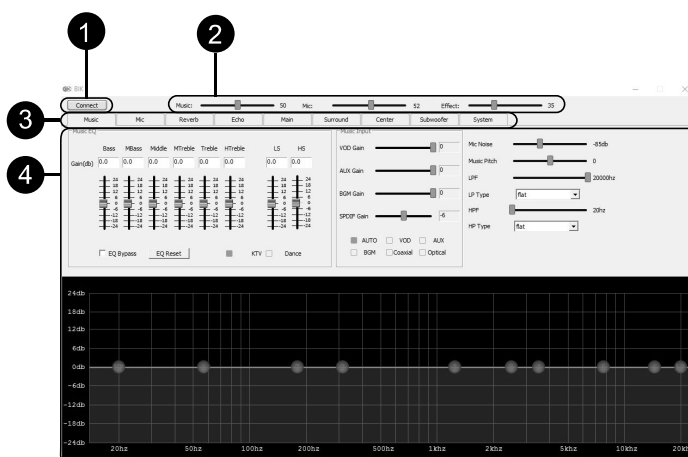
用鼠标点击连接前级效果器。绿色表示已连接，灰色表示未连接。

2 音量控制

音乐音量, 麦克风音量, 麦克风效果音量

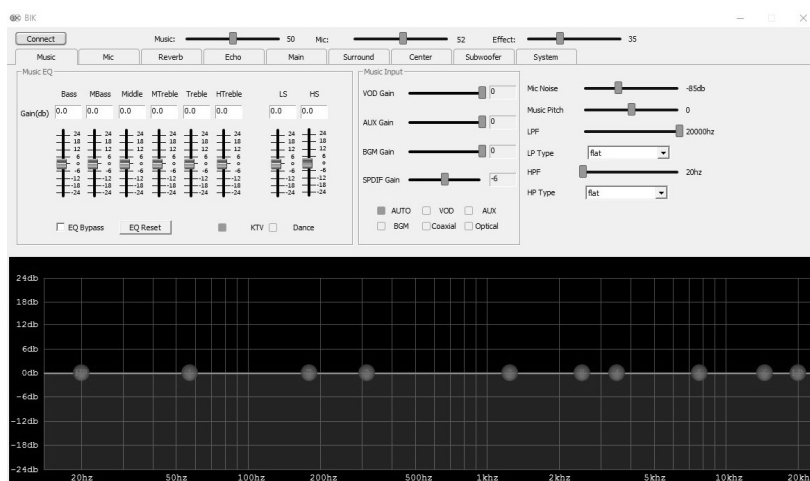
3 菜單選項卡

4 設置屏幕



操作方法

音乐功能



- 1 音乐输入选择
音乐输入选择模拟音源

AUTO模式说明

模拟音频输入会按照VOD→AUX→BGM的优先顺序检测当无音频信号，比如AUX有音频信号，接入AUX；当播放的音频停止40秒后，将自动切换到BGM的音频通道上；若此时按照VOD→AUX的优先顺序检测有音频信号，又将自动切换到有音频通道上

- 2 音乐输入预增益
可分别对VOD/AUX/BGM/SPDIF预调整
(范围:-12~0dB, 步进:1dB)

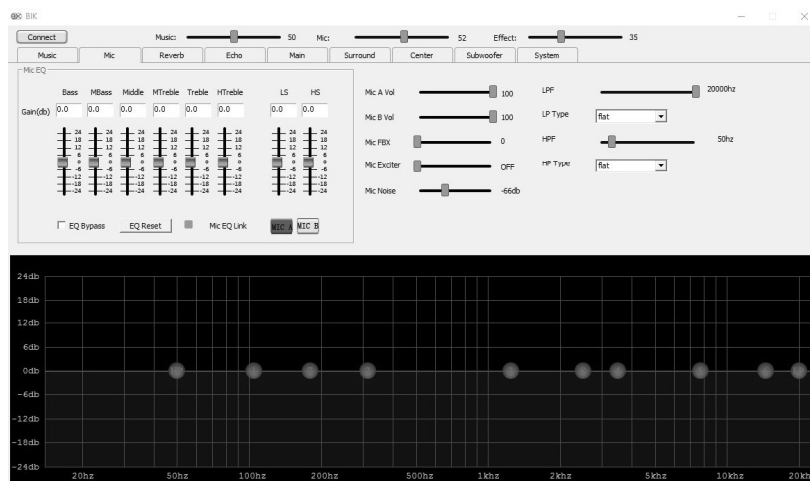
- 3 音乐均衡器
(频段:1~8)

- 4 音乐高通滤波器
(频率:20~20kHz)
(FLAT/BL_12/BW_12/BL_18/BW_18/BL_24/BW_24/LR_24)

- 5 音乐低通滤波器
(频率:20~20kHz)
(FLAT/BL_12/BW_12/BL_18/BW_18/BL_24/BW_24/LR_24)

- 6 音乐变调
(b1~b7, 0, # 1~#7)

麦克风功能



- 1 麦克风反馈抑制
(范围:0~8)

- 2 麦克风噪声门
(范围:OFF, -40dB ~ -80dB)

- 3 麦克风激励器
(范围:OFF, 1~24)

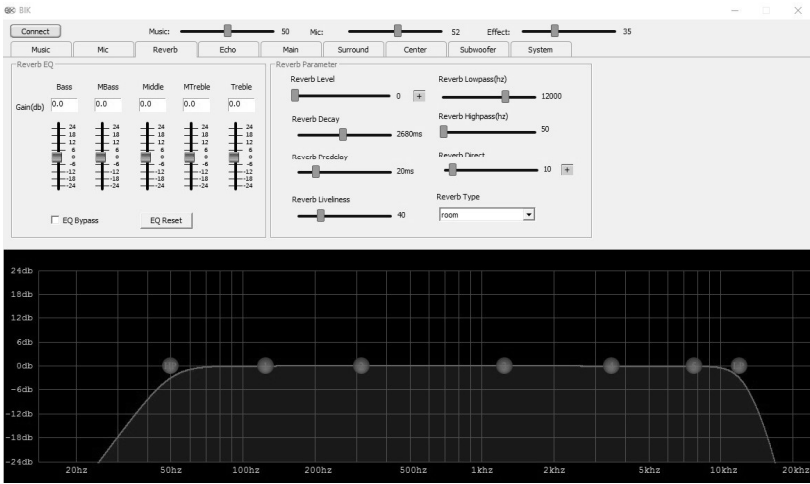
- 4 麦克风高通滤波器
(频率:20~20kHz)
(FLAT/BL_12/BW_12/BL_18/BW_18/BL_24/BW_24/LR_24)

- 5 麦克风低通滤波器
(频率:20~20kHz)
(FLAT/BL_12/BW_12/BL_18/BW_18/BL_24/BW_24/LR_24)

- 6 麦克风输入音量
(范围:0~100)

- 7 麦克风均衡器
(频段:1~8)

麦克风混响功能



- 1

混响音量
(范围:0~100)
- 2

混响模型
(3种模型:HALL/ROOM/PLATE)
- 3

混响衰减时间
(范围:500~5000ms)
- 4

混响预延时
(范围:0~100ms)
- 5

直达电平
(范围:0~100,极性:“+” / “-”)
- 6

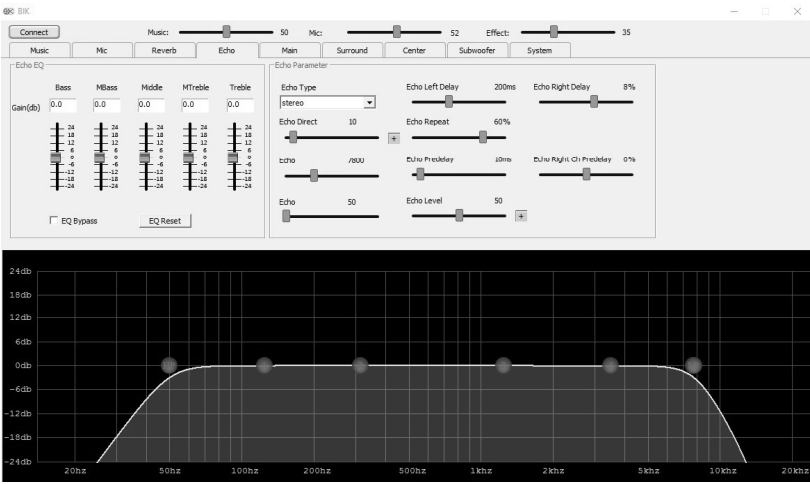
混响现场
(范围:20~99)
- 7

混响高通滤波器
(范围:20~1000Hz)
- 8

混响低通滤波器
(范围:4000~16000Hz)
- 9

混响均衡器
(频段:1~5 / 频率:20~20kHz / 类型:PEQ, LS, HS
增益:-24dB ~ +24dB / 模式: 0.4~99.9)

麦克风回声功能



- 1

回声音量
(范围:0~100,极性:“+” / “-”)
- 2

回声类型
(3种类型:MONO/STEREO/DUAL)
- 3

回声延时
(范围:0~5000ms)
- 4

回声重复次数
(范围:0~90%)
- 5

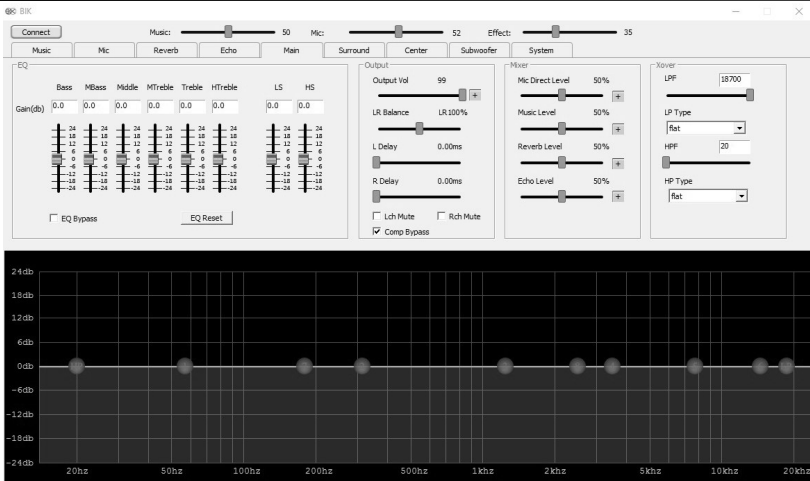
回声预延时
(范围:0~100ms)
- 6

回声高通滤波器
(范围:20~1000Hz)
- 7

回声低通滤波器
(范围:4000~16000Hz)
- 8

回声均衡器
(频段:1~5 / 频率:20~20kHz / 类型:PEQ, LS, HS
增益:-24dB ~ +24dB / 模式: 0.4~99.9)

主输出功能



- 1

主输出音量

(范围:0~99, 极性: “+” / “-”)
- 2

主输出延时

(范围:0~50.00ms, L DELAY/ R DELAY, 0~50ms)
- 3

主输出静音

ON为打开, OFF为关闭. (L MUTE/ R MUTE)
- 4

主输混合器

音乐, 麦克风, 混响, 回声

(范围:0~100%, 极性: “+” / “-”)
- 5

主输出压缩限幅器开关

启动相对电平, 压缩比, ATT启动时间, RELS启动时间

(-50dB ~ 0dB / 1:2~1:100 / 1~90ms / 0.1~2.5s)
- 6

主输出高通滤波器

(类型:FLAT/BL_12/BW_12/BL_18/BW_18/BL_24/BW_24/LR_24)

(频率:20Hz~20kHz)
- 7

主输出低通滤波器

(类型:FLAT/BL_12/BW_12/BL_18/BW_18/BL_24/BW_24/LR_24)

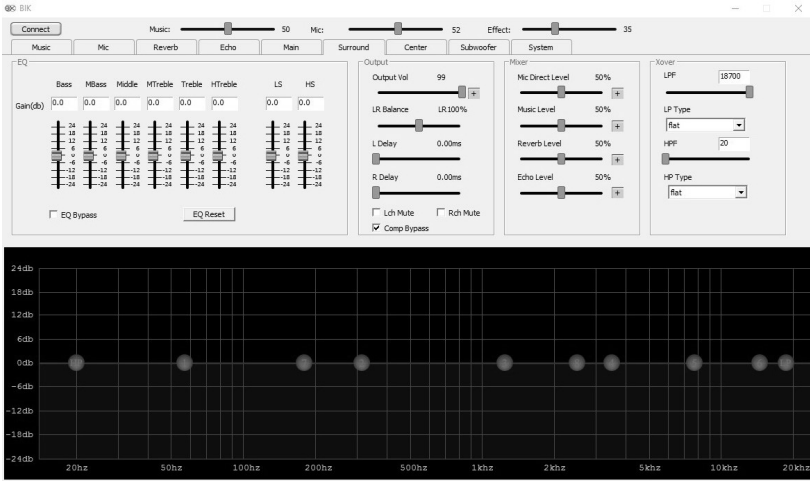
(频率:20kHz~20kHz)
- 8

主输出均衡器

(频段:1~8 / 频率:20~20kHz / 类型:PEQ, LS, HS)

增益:-24dB ~ +24dB / 带宽:0.4~99.9)

环绕输出功能



- 1

环绕输出音量

(范围:0~99, 极性: “+” / “-”)
- 2

环绕输出延时

(范围:0~50ms, L DELAY/ R DELAY)
- 3

环绕输出静音

ON为打开, OFF为关闭. (L MUTE/ R MUTE)
- 4

环绕混合器

音乐, 麦克风, 混响, 回声

(范围:0~100%, 极性: “+” / “-”)
- 5

环绕输出压缩限幅器设置

启动相对电平, 压缩比, ATT启动时间, RELS启动时间

(-50dB ~ 0dB / 1:2~1:100 / 1~90ms / 0.1~2.5s)
- 6

环绕输出高通滤波器

(类型:FLAT/BL_12/BW_12/BL_18/BW_18/BL_24/BW_24/LR_24)

(频率:20Hz~20kHz)
- 7

环绕输出低通滤波器

(类型:FLAT/BL_12/BW_12/BL_18/BW_18/BL_24/BW_24/LR_24)

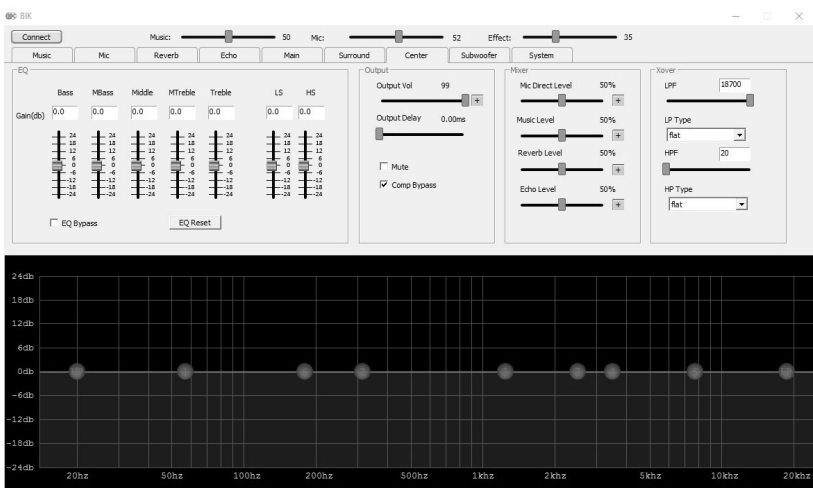
(频率:20Hz~20kHz)
- 8

环绕输出均衡器

(频段:1~8 / 频率:20~20kHz / 类型:PEQ, LS, HS)

增益:-24dB ~ +24dB / 带宽:0.4~99.9)

中置输出功能



- 1

中置输出音量
(范围:0~99, 极性: “+” / “-”)
- 2

中置输出延时
(范围:0~50.00ms)
- 3

中置输出静音
ON为打开, OFF为关闭.
- 4

中置混合器
音乐, 麦克风, 混响, 回声
(范围:0~100%, 极性: “+” / “-”)
- 5

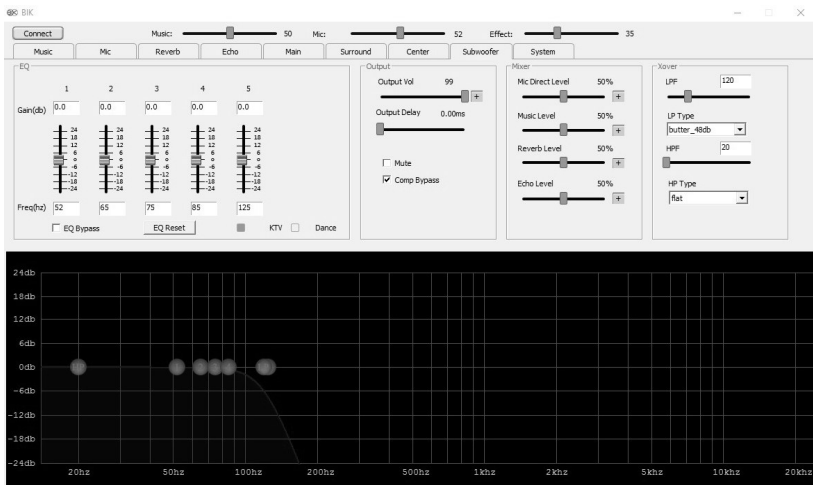
中置出压缩限幅器开关
启动相对电平, 压缩比, ATT启动时间, RELS启动时间
(-50dB ~ 0dB / 1:2~1:100 / 1~90ms / 0.1~2.5s)
- 6

中置输出高通滤波器
(类型:FLAT/BL_12/BW_12/BL_18/BW_18/BL_24/BW_24/LR_24)
(频率:20Hz~20kHz)
- 7

中置输出低通滤波器
(类型:FLAT/BL_12/BW_12/BL_18/BW_18/BL_24/BW_24/LR_24)
(频率:20Hz~20kHz)
- 8

中置输出均衡器
(频段:1~7 / 频率:20~20kHz / 类型:PEQ, LS, HS
增益:-24dB ~ +24dB / 带宽:0.4~99.9)

超低音输出功能



- 1

超低音输出音量
(范围:0~99, 极性: “+” / “-”)
- 2

超低音输出延时
(范围:0~50.00ms)
- 3

超低音输出静音
ON为打开, OFF为关闭.
- 4

超低音混合器
音乐, 麦克风, 混响, 回声
(范围:0~100%, 极性: “+” / “-”)
- 5

超低音出压缩限幅器开关
启动相对电平, 压缩比, ATT启动时间, RELS启动时间
(-50dB ~ 0dB / 1:2~1:100 / 1~90ms / 0.1~2.5s)
- 6

超低音输出高通滤波器
(类型:FLAT/BL_12/BW_12/BL_18/BW_18/BL_24/BW_24/LR_24)
(频率:20Hz~20kHz)
- 7

超低音输出低通滤波器
(类型:FLAT/BL_12/BW_12/BL_18/BW_18/BL_24/BW_24/LR_24)
(频率:20Hz~20kHz)
- 8

超低音输出均衡器
(频段:1~5 / 频率:20~20kHz / 类型:PEQ, LS, HS
增益:-24dB ~ +24dB / 带宽:0.4~99.9)



1 音量

音乐最大音量, 麦克风最大音量, 效果最大音量
(范围:0~99)

2 录音混音

录音音量, 麦克风直达电平, 音乐电平, 效果电平
(音量范围:0~99, 电平范围:0~100%, 极性: “+” / “-”)

3 热舞模式

热舞音量, 演唱音量
(范围:0~99)

麦克风门限

在自动模式时, 当麦克风的信号电平高于触发门槛时,
超低音进入歌唱模式 (范围:-60~0dB)

麦克风时间

在自动模式时, 在当麦克风的信号电平低于触发门槛
并一直保持达到设定的时间, 超低音从歌唱模式转换到
热舞模式。(范围:1~30S)

4 模式管理

U1~U10 里可保存10种设定效果, 可调出使用。
U1~U6的设定效果可直接使用效果器前排按钮调出。
(U7~U10 的效果用PC调出使用)
调试效果的设定保存可以通过PC完成。

故障分析处理

如感觉有故障根据以下方法检查。偶尔会有因为操作错误而误认为是故障的现象。
根据以下方法检查也不能解决的情况下，请直接联系代理经销商

故障症状	原因	解决方法
没有电源	电源线没有插好。	调节适当的音量
电源接通但是没有声音。	● 音乐旋钮或麦克旋钮设定在最小的位置。 ● 输入信号选择不正确。 ● 输出线与功率放大器的连接不正确。 ● 功率放大器没有接通电源。	● 请插好电源插头，将旋钮调整到适当位置。 ● 请选择正确的音源信号。 ● 修正输出线与功能放大器间的连接。 ● 功率放大器没有接通电源。
接通电源、接入音乐信号，但是没有声音。	● 音量旋钮设定在最小状态。	● 设定到适当音量的位置。
有音乐声，但是麦克不出声音。	● 麦克的开关`OFF` ● 麦克线有划伤损坏。 ● 麦克的插头没有连接好。	● 打开麦克风开关。 ● 修理或更换麦克风连接线。 ● 插好麦克风插头。
没有视频图像。	● 视频输出接口上的插头没插好。 ● 视频输入接口上的插头没插好。	● 请插好插头。 ● 请插好插头。
没有混响。	● 混响旋钮设定在最小位置。	● 调整混响旋钮到适当位置。
遥控器不工作。	● 功放电源没有接通。 ● 遥控器没装电池或电力不足。	● 检查功放是否接通电源。 ● 检查遥控器内是否安装电池或更换新电池。

产品规格

音乐输入

BGM, AUX, VOD 500mV

麦克风输入

MIC A/A1, MIC B/B1 40mV

效果器输出

LINE OUT (L/R) 6.0V

CENTET OUT 6.0V

SUB WOOFER OUT 6.0V

REC OUT (L/R) 6.0V

SURROUND OUT (L/R) 6.0V

音质控制特性

音乐 20Hz ~ 20KHz

麦克风 20Hz ~ 20KHz

音调控制范围 15 steps

啸叫抑制 (F. B. X) 8 mode

电源部分、其他

电源电压 220V ~ 240/50Hz

消费电力 25W

外形尺寸 (长×宽×高) 482 X151 X 44mm

净重 2.8kg

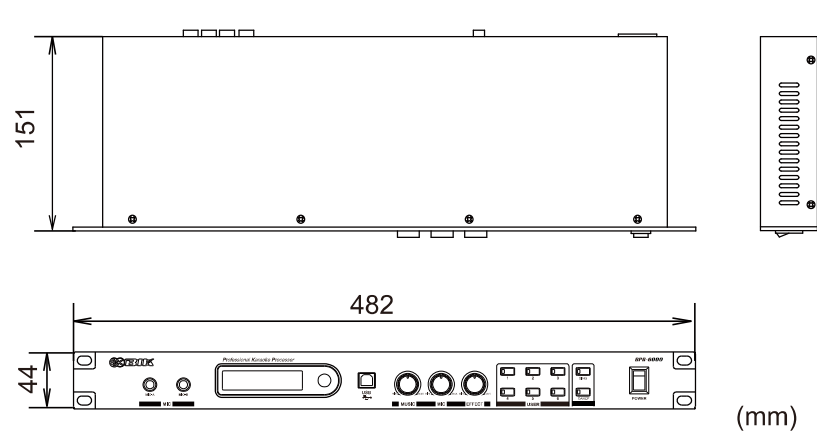
附件

使用说明书 1

遥控器 1

电源适配器 1

● 为了改善产品而改变上述规格和外观时，本公司将不予另行通告。





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