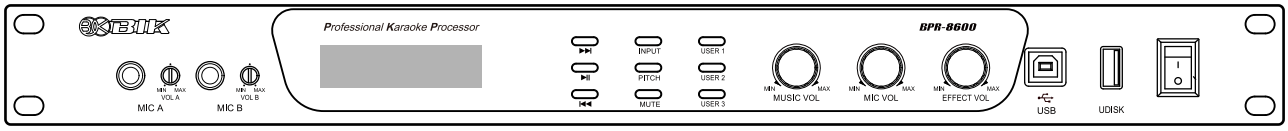
Best Sound System from Japan

OWNER'S MANUAL
使用说明书

BPR-8600

Professional Karaoke Processor

卡拉OK效果处理器



Thank you for purchasing our Professional Karaoke Processor.
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。

CONTENTS

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 AC90V - 250V, otherwise it may cause a 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 a rack.
- Be careful for AC plug, or outlet not to get dust or to get wet, or it may cause a fire.

⚠ CAUTION

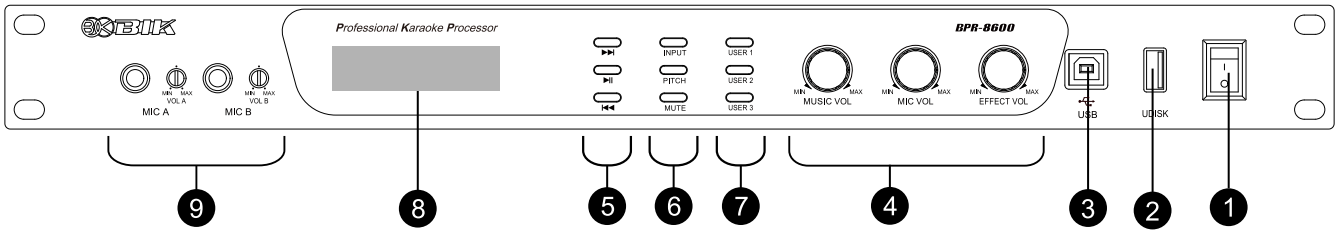
- When this product is not used for a longer period, power supply plug should be taken out of outlet.
- In case the thunder is generated near-by, take power supply plug out of outlet right away, or it may cause a fire or an electric shock.
- If this product needs to be moved, switch off first, and then 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 table, 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

- Adopt 32-bit high-performance DSP and AD/DA, 24-bit, 96K sampling pure digital professional KTV pre-effect processor.
- 3 sets of analog music stereo inputs, automatic priority function, OPTICAL, COAX, Bluetooth 5.0 and UDISK. Left and right adjustment options, 15-segment parametric equalization, level, polarity, high-pass filter, low-pass filter, input pre-gain, compression and limiter. Music transposition function.
- 2 sets of independent front and rear A/B microphones, 15-segment parametric equalization, level, polarity, howling suppression, high-pass filter, low-pass filter, compression, and limiter.
- Reverb for professional singing, 5-band parametric equalization, level, polarity, direct level, high pass filter, low pass filter, pre-delay, and reverberation duration.
- Echo for professional singing, 5-band parametric equalization, level and polarity, direct level and polarity, high pass filter, low pass filter, echo, pre-delay, echo delay, echo repeat, echo right channel delay ratio.
- 6 output channels, main left, main right, subwoofer, center, surround left and surround right.
- 6 output channels, left/right adjustment options, 10-band parametric equalization, high-pass filter, low-pass filter, compression limiter, mixing level, output volume and polarity, delay and mute.
- Audio processor features, mixing matrix mode, ultra-fine delay adjustment in 0.01ms steps, each output channel up to 150ms.
- Stereo recording output with independent volume adjustment and mixing function.
- Music and 6-channel output, sing mode, dance mode and automatic mode.
- Lock management function.
- It has 10 memory groups of user parameter storage and recall.
- VOD interface RS232, wireless infrared remote control function.
- Driver-free USB or BT wireless connection, real-time control of all parameters via PC software.
- Wide voltage and low power design, AC input 90-250V, 50/60Hz.

FRONT PANEL



❶ **Power Switch.**

❷ **UDISK port.**
To insert UDISK or USB.

❸ **USB port.**
USB connect the computer with the PC software to control the BPR-8600.

❹ **Music / Mic / Effect Master Volume.**
Adjustment of Music, Mic snd Effect volume.

❺ **Playback Button.**
⏮ : Reverse.
⏯ : Play / Pause.
⏭ : Fast forwarding.

❻ **Menu Select Button.**
① INPUT : Select an Audio input.
② PITCH(Key Control) :
After pressing the button, change the music volume.
♭ : To make it down
♯ : To make it up
♯0 : Make it to Original.

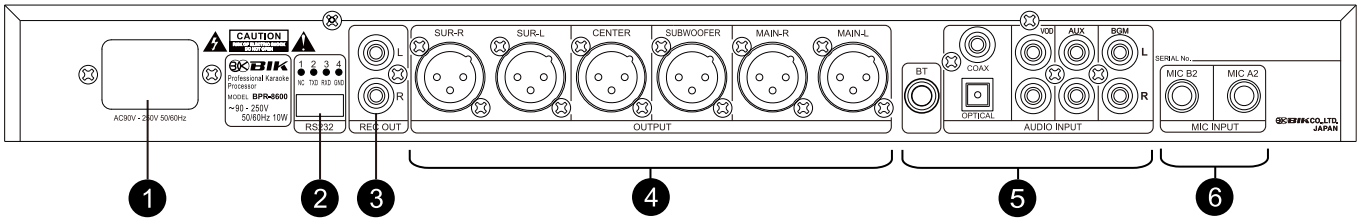
③ MUTE : Press to mute all sounds.
Press again for all sounds.

❼ **USER Select Button.**
USER 1 ~ 3 : Recalls settings stored in memory.

❽ **LCD Display.**
Shows the operation menu.

❾ **Mic Input Jack.**
MIC A, B can be connected with 2 different microphone input, process separately.

REAR PANEL



❶ **Power Cord Socket.**
Power input AC 90 ~ 250V, 50 / 60Hz.

❷ **RS232 port.**
Connect with VOD.

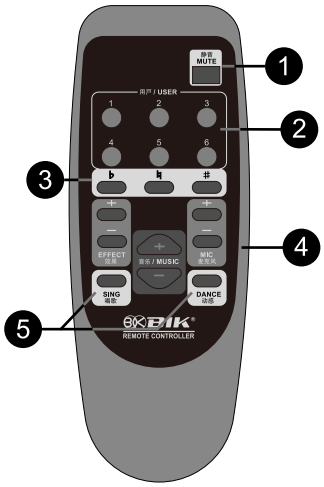
❸ **Rec output.**
Connect with recording equipment.

❹ **Audio output.**
Output (MAIN-R, MAIN-L, SUBWOOFER, CENTER, SUR-R and SUR-L), connect with Power amplifier system.

❺ **Audio Input.**
VOD, AUX, BGM, Optical, Coax, and BT.

❻ **Mic input.**
MIC A2 and B2 parallel input MIC A and MIC B.

REMOTE CONTROL



1. **MUTE Button.**
   Press to mute all sounds.
   Press again for all sounds.

2. **User Preset Mode Switch Button.**
   1-6 is user preset mode, you can recall any mode to use.

3. **Key Control Button.**
   For adjusting musical tone, up or down.
   ♭ : To slow interval tone.
   # : To fast interval tone.
   ♮ : Back to original.

4. **Volume Control Button.**
   Adjust MUSIC, EFFECT and MIC volume.

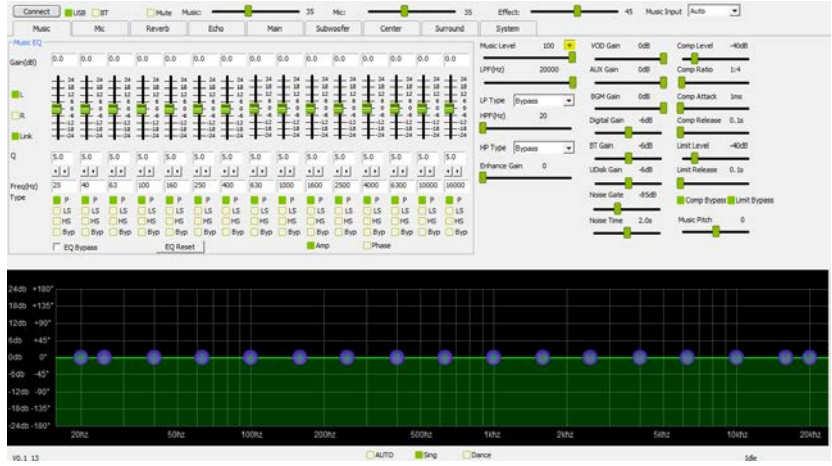
5. **Sound Select Button.**
   Select of sound mode.

CONNECTION

BT Antenna
Microphone
VOD Player
Recorder
Power Amplifier
Power Amplifier
Power Amplifier
BGM Player
AUX
Surround Speaker
Sub Woofer
Main Speaker
Digital Output Player (Optical)
Digital Output Player (Coaxial)
Power Amplifier
Center Speaker
Computer
USB Cable
Microphone

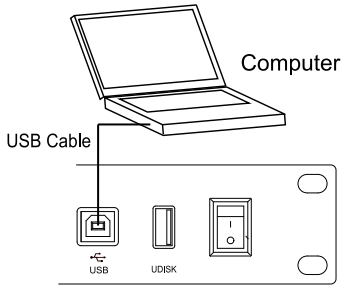
PC SOFTWARE

Please download “BPR-8600 PC SOFTWARE” from BIK home page.
※ URL: https://www.bik-audio.com/product/bpr-8600/



How to connect USB cable?

Connect computer and the BPR-8600 with USB cable.
Press the connect button in the software to connect.



PC SOFTWARE WINDOW

1 USB or BT selection
Select connection mode “USB or BT”.
mode selected turns to green.
BT device : BPR-8600_BTxxxxxx

How to set BT on PC.
Start > Settings > Devices >
Bluetooth & other devices.
Bluetooth On.
Device name:BPR-8600_BTxxxxxx

2 Connect button
Green means connected,
gray means disconnected.

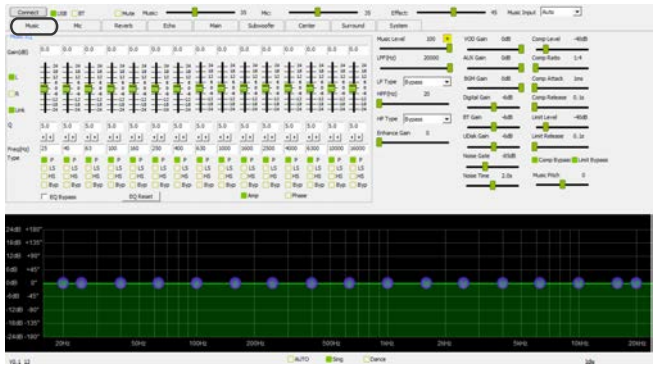
3 Master volumes
Adjust Music, Mic, and Effect volume.

4 Menu
Set the channel parameter selected,
and system parameter.

5 Setting screen
Set the channel parameter selected.

6 Music Input
Audio input can be chosen from VOD, AUX, BGM,
OPTICAL, COAXIAL, UDISK, BT and AUTO.

MUSIC MENU



❶**MUSIC INPUT**
Audio input can be chosen from VOD, AUX, BGM, OPTICAL, COAXIAL, UDISK BT and AUTO.
Input can be automatically switched.

❷**Music Level**
Adjust Gain of VOD and AUX, BGM, OPTICAL, COAXIAL,UDISK, BT.
(RANGE:0 ~ 100)
Press the '+' button to change the polarity.

❸**LPF**
Adjust LP filter frequency.
(FREQUENCY:20 ~ 20000Hz)
(LP Type:Bypass, Bessel_12dB,Buttw_12dB, Bessel_18dB,Buttw_18dB, Bessel_24dB,Buttw_24dB, LRiley_24dB)

❹**HPF**
Adjust HP filter frequency.
(FREQUENCY:20 ~ 20000Hz)
(LP Type:Bypass, Bessel_12dB,Buttw_12dB, Bessel_18dB,Buttw_18dB, Bessel_24dB,Buttw_24dB, LRiley_24dB)

❺**MUSIC EQ**
Adjust Music EQ.
(BAND:1~15, FREQUENCY:20 ~ 20000Hz)
(TYPE:P/LS/HS/Byp, GAIN:-24dB ~ +24dB)
(P : RANGE:0.4 ~ 99.9, LS/HS : RANGE:0.4 ~ 2.0)

❻**Enhance Gain**
Adjust Enhance Gain(RANGE:0~16)

❼**VOD Gain**
Adjust VOD Input Gain(RANGE:-12~0dB)

❽**AUX Gain**
Adjust AUX Input Gain(RANGE:-12~0dB)

❾**BGM Gain**
Adjust BGM Input Gain(RANGE:-12~0dB)

❿**Digital Gain**
Adjust Digital Input Gain(RANGE:-12~0dB)

⓫**BT Gain**
Adjust BT Input Gain(RANGE:-12~0dB)

⓬**Udisk Gain**
Adjust UDISK Input Gain(RANGE:-12~0dB)

⓭**Noise Gate**
Adjust Noise Level(RANGE:OFF,-99~-59dB)

⓮**Noise Time**
Adjust Noise Time(RANGE:0.5~3.5s)

⓯**Comp Level**
Adjust Comp Level(RANGE:-50~0dB)

⓰**Comp Ratio**
Adjust Comp Ratio Level(RANGE: 1:2~1:100)

⓱**Comp Attack**
Adjust Comp Attack Level(RANGE:1~90ms)

⓲**Comp Release**
Adjust Comp Release Level(RANGE:0.1~2.5s)

⓳**Limit Level**
Adjust Limit Level(RANGE:-50~0dB)

⓴**Limit Release**
Adjust Limit Release(RANGE:0.1~2.5s)

㉑**Music Pitch**
Adjust Music Tone Control(RANGE: ♭7~#7)

MIC MENU

❶**MIC LEVEL**
Adjust Mic Level. (RANGE:0~100)
Press the '+' button to change the polarity.

❷**MIC FBE**
Mic feedback selection. (RANGE:0~8)

❸**LPF**
Adjust LP filter frequency.
(FREQUENCY:20～20000Hz)
(LP Type:Bypass, Bessel_12dB,Buttw_12dB, Bessel_18dB,Buttw_18dB, Bessel_24dB,Buttw_24dB, LRiley_24dB)

❹**HPF**
Adjust HP filter frequency.
(FREQUENCY:20～20000Hz)
(LP Type:Bypass, Bessel_12dB,Buttw_12dB, Bessel_18dB,Buttw_18dB, Bessel_24dB,Buttw_24dB, LRiley_24dB)

❺**Enhance**
Adjust Enhance Gain(RANGE:0~16)

❻**Noise Gate**
Adjust Noise Level(RANGE:OFF,-80~-40dB)

❼**Noise Time**
Adjust Noise Time(RANGE:0.5~3.5s)

❽**Comp Level**
Adjust Comp Level(RANGE:-50~0dB)

❾**Comp Ratio**
Adjust Comp Ratio Level(RANGE: 1:2~1:100)

❿**Comp Attack**
Adjust Comp Attack Level(RANGE:1~90ms)

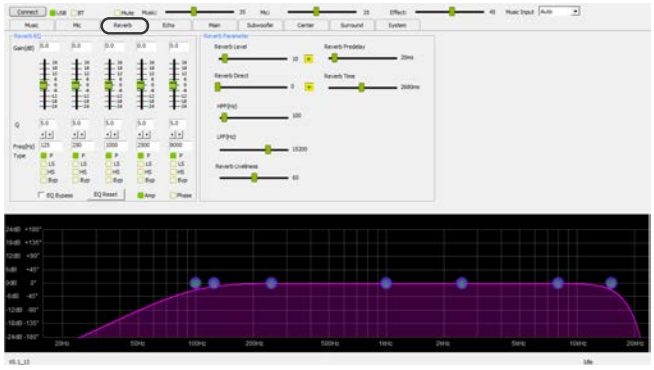
⓫**Comp**
Adjust Comp Level(RANGE:0.1~2.5s)

⓬**Limit Level**
Adjust Limit Level(RANGE:-50~0dB)

⓭**Limit Release**
Adjust Limit Release(RANGE:0.1~2.5s)

⓮ Mic EQ
Adjust Music EQ.
(BAND:1~15, FREQUENCY:20 ~ 20000Hz)
(TYPE:P/LS/HS/Byp, GAIN:-24dB ~ +24dB)
(P : RANGE:0.4 ~ 99.9, LS/HS : RANGE:0.4 ~ 2.0)

REVERB MENU



❶Reverb Level
Adjust reverb level.(RANGE:0~100)
Press the '+' button to change the polarity.

❷Reverb Direct
Adjust reverb sirect level.(RANGE:0~100)
Press the '+' button to change the polarity.

❸HPF
Adjust HP filter frequency.(FREQUENCY:20～1000Hz)

❹LPF
Adjust LP filter frequency.(FREQUENCY:4000～20000Hz)

❺Reverb Liveliness
Adjust Reverb liveliness.(RANGE:20～99)

❻Reverb Predelay
Adjust Reverb predelay.(RANGE:0～200ms)

❼Reverb Time
Adjust Reverb time.(RANGE:500～5000ms)

❽REVERB EQ
Adjust Revarb EQ.
(BAND:1~5, FREQUENCY:20 ~ 20000Hz)
(TYPE:P/LS/HS/Byp, GAIN:-24dB ~ +24dB)
(P : RANGE:0.4 ~ 99.9, LS/HS : RANGE:0.4 ~ 2.0)

ECHO MENU

❶Echo Level
Adjust echo level.(RANGE:0 ~ 100)
Press the '+' button to change the polarity.

❷Echo Direct
Adjust echo sirect level.(RANGE:0 ~ 100)
Press the '+' button to change the polarity.

❸HPS
Adjust HP filter frequency.(FREQUENCY:20 ~ 1000Hz)

❹LPS
Adjust LP filter frequency.(FREQUENCY:4000 ~ 20000Hz)

❺Echo Predelay
Adjust echo predelay.(RANGE:0 ~ 250ms)

❻Echo Delay Time
Adjust echo delay time.(RANGE:1 ~ 500ms)

❼Echo Repeat
Adjust echo repeat time.(RANGE:0 ~ 90%)

❽Echo R Ch Predelay
Adjust echo R-ch predelay.(RANGE:0 ~ 50%)

❾Eccho R Ch Delay Time
Adjust echo R-ch delay time.(RANGE:-50 ~ 50%)

❿ECHO EQ
Adjust Revarb EQ.
(BAND:1~5, FREQUENCY:20 ~ 20000Hz)
(TYPE:P/LS/HS/Byp, GAIN:-24dB ~ +24dB)
(P : RANGE:0.4 ~ 99.9, LS/HS : RANGE:0.4 ~ 2.0)

MAIN MENU

■Output

❶Lch Vol
Adjust output volume. (RANGE:OFF,-37 ~ 12dB)
Press the '+' button to change the polarity.

❷Rch Vol
Adjust output volume. (RANGE:OFF,-37 ~ 12dB)
Press the '+' button to change the polarity.

❸Lch Delay
Adjust delay time. (RANGE:0 ~ 150ms)

❹Rch Delay
Adjust delay time. (RANGE:0 ~ 150ms)

❺Lch Mute
Uncheck : No mute.
Check : Mute.

❻Rch Mute
Uncheck : No mute.
Check : Mute.

❼Out1
You can change the setting of left channel.

❽Out2
You can change the setting of right channel.

■Mixer
All comand press the '+' button to change the polarity.

❶Mic Direct Level
Adjust mic direct level. (RANGE:0 ~ 200%)

❷Music Level
Adjust music level. (RANGE:0 ~ 200%)

❸ **Reverb Level**
Adjust reverb level. (RANGE:0 ~ 200%)

❹ **Echo Level**
Adjust echo level. (RANGE:0 ~ 200%)

❺ **Matrix**
Can be set separately for left and right.

① **Music Lch**
Adjust music left channel level. (RANGE:0 ~ 200%)

② **Music Rch**
Adjust music right channel level. (RANGE:0 ~ 200%)

③ **Rev Left Level**
Adjust reverb left channel level. (RANGE:0 ~ 200%)

④ **Rev Right Level**
Adjust reverb right channel level. (RANGE:0 ~ 200%)

⑤ **Echo Left Level**
Adjust echo left channel level. (RANGE:0 ~ 200%)

⑥ **Echo Right Level**
Adjust echo right channel level. (RANGE:0 ~ 200%)

■ **Comp**

❶ **Comp Level**
Adjust comp level.(-50 ~ 0dB)

❷ **Comp Ratio**
Adjust comp retio.(1:2 ~ 1:100)

❸ **Comp Attack**
Adjust comp attack time.(1 ~ 90ms)

❹ **Comp Release**
Adjust comp release time.(0.1 ~ 2.5s)

❻ **Limit Level**
Adjust limit level.(-50 ~ 0dB)

❺ **Limit Release**
Adjust limit release time.(0.1 ~ 2.5s)

■ **X over**

❶ **LPF**
Adjust LP filter frequency.
(FREQUENCY:20～20000Hz)
(LP Type:Bypass, Bessel_12dB,Buttw_12dB, Bessel_18dB,Buttw_18dB, Bessel_24dB,Buttw_24dB, LRiley_24dB)

❷ **HPF**
Adjust HP filter frequency.
(FREQUENCY:20～20000Hz)
(LP Type:Bypass, Bessel_12dB,Buttw_12dB, Bessel_18dB,Buttw_18dB, Bessel_24dB,Buttw_24dB, LRiley_24dB)

MAIN EQ
Adjust Revarb EQ.
(BAND:1~10, FREQUENCY:20 ~ 20000Hz)
(TYPE:P/LS/HS/Byp, GAIN:-24dB ~ +24dB)
(P : RANGE:0.4 ~ 99.9, LS/HS : RANGE:0.4 ~ 2.0)
(Link:The left and right settings will be the same.)

SUBWOOFER MENU

■ **Output**

❶ **Output Vol**
Adjust output volume. (RANGE:OFF,-37 ~ 12dB)

❷ **Delay**
Adjust delay time. (RANGE:0 ~ 150ms)

❸ **Mute**
Uncheck : No mute.
Check : Mute.

■ **Mixer**
All comand press the '+' button to change the polarity.

❶ **Mic Direct Level**
Adjust mic direct level. (RANGE:0 ~ 200%)

❷ **Music Level**
Adjust music level. (RANGE:0 ~ 200%)

❸ **Reverb Level**
Adjust reverb level. (RANGE:0 ~ 200%)

❹ **Echo Level**
Adjust echo level. (RANGE:0 ~ 200%)

❺ **Matrix**
Can be set separately for left and right.

① **Music Lch**
Adjust music left channel level. (RANGE:0 ~ 200%)

② **Music Rch**
Adjust music right channel level. (RANGE:0 ~ 200%)

③ **Rev Left Level**
Adjust reverb left channel level. (RANGE:0 ~ 200%)

④ **Rev Right Level**
Adjust reverb right channel level. (RANGE:0 ~ 200%)

⑤ **Echo Left Level**
Adjust echo left channel level. (RANGE:0 ~ 200%)

⑥ **Echo Right Level**
Adjust echo right channel level. (RANGE:0 ~ 200%)

■ **Comp**

❶ **Comp Level**
Adjust comp level.(-50 ~ 0dB)

❷ **Comp Ratio**
Adjust comp retio.(1:2 ~ 1:100)

❸ **Comp Attack**
Adjust comp attack time.(1 ~ 90ms)

❹ **Comp Release**
Adjust comp release time.(0.1 ~ 2.5s)

❺ **Limit Level**
Adjust limit level.(-50 ~ 0dB)

❻ **Limit Release**
Adjust limit release time.(0.1 ~ 2.5s)

■ **X over**

❶ **LPF**

Adjust LP filter frequency.
(FREQUENCY:20～20000Hz)
(LP Type:Bypass, Bessel_12dB,Buttw_12dB, Bessel_18dB,Buttw_18dB, Bessel_24dB,Buttw_24dB, LRiley_24dB)

❷ **HPF**

Adjust HP filter frequency.
(FREQUENCY:20～20000Hz)
(LP Type:Bypass, Bessel_12dB,Buttw_12dB, Bessel_18dB,Buttw_18dB, Bessel_24dB,Buttw_24dB, LRiley_24dB)

■ **SUBWOOFER EQ**

Adjust Subwoofer EQ.
(BAND:1~10, FREQUENCY:20 ~ 20000Hz)
(TYPE:P/LS/HS/Byp, GAIN:-24dB ~ +24dB)
(P : RANGE:0.4 ~ 99.9, LS/HS : RANGE:0.4 ~ 2.0)
(Link:The subwoofer and center settings will be the same.)

CENTER MENU

● **Output**

❶ **Vol**

Adjust output volume. (RANGE:OFF,-37 ~ 12dB)
Press the '+' button to change the polarity.

❷ **Delay**

Adjust delay time. (RANGE:0 ~ 150ms)

❸ **Mute**

Uncheck : No mute.
Check : Mute.

● **Mixer**

All comand press the '+' button to change the polarity.

❶ **Mic Direct Level**

Adjust mic direct level. (RANGE:0 ~ 200%)

❷ **Music Level**

Adjust music level. (RANGE:0 ~ 200%)

❸ **Reverb Level**

Adjust reverb level. (RANGE:0 ~ 200%)

❹ **Echo Level**

Adjust echo level. (RANGE:0 ~ 200%)

❺ **Matrix**

Can be set separately for left and right.

① **Music Lch**

Adjust music left channel level. (RANGE:0 ~ 200%)

② **Music Rch**

Adjust music right channel level. (RANGE:0 ~ 200%)

③ **Rev Left Level**

Adjust reverb left channel level. (RANGE:0 ~ 200%)

④ **Rev Right Level**

Adjust reverb right channel level. (RANGE:0 ~ 200%)

⑤ **Echo Left Level**

Adjust echo left channel level. (RANGE:0 ~ 200%)

⑥ **Echo Right Level**

Adjust echo right channel level. (RANGE:0 ~ 200%)

● **Comp**

❶ **Comp Level**

Adjust comp level.(-50 ~ 0dB)

❷ **Comp Ratio**

Adjust comp retio level.(1:2 ~ 1:100)

❸ **Comp Attack**

Adjust comp attack time.(1 ~ 90ms)

❹ **Comp Release**

Adjust comp release time.(0.1 ~ 2.5s)

❺ **Limit Level**

Adjust limit level.(-50 ~ 0dB)

❻ **Limit Release**

Adjust limit release time.(0.1 ~ 2.5s)

● **Xover**

❶ **LPF**

Adjust LP filter frequency.
(FREQUENCY:20～20000Hz)
(LP Type:Bypass, Bessel_12dB,Buttw_12dB, Bessel_18dB,Buttw_18dB, Bessel_24dB,Buttw_24dB, LRiley_24dB)

❷ **HPF**

Adjust HP filter frequency.
(FREQUENCY:20～20000Hz)
(LP Type:Bypass, Bessel_12dB,Buttw_12dB, Bessel_18dB,Buttw_18dB, Bessel_24dB,Buttw_24dB, LRiley_24dB)

■ **CENTER EQ**

Adjust Center EQ.
(BAND:1~10, FREQUENCY:20 ~ 20000Hz)
(TYPE:P/LS/HS/Byp, GAIN:-24dB ~ +24dB)
(P : RANGE:0.4 ~ 99.9, LS/HS : RANGE:0.4 ~ 2.0)
(Link:The subwoofer and center settings will be the same.)

SURROUND MENU

■ **Output**

❶ **Lch Vol**

Adjust output volume. (RANGE:OFF,-37 ~ 12dB)
Press the '+' button to change the polarity.

❷ **Rch Vol**

Adjust output volume. (RANGE:OFF,-37 ~ 12dB)
Press the '+' button to change the polarity.

❸ **Lch DELAY**

Adjust delay time. (RANGE:0 ~ 150ms)

❹ **Rch DELAY**

Adjust delay time. (RANGE:0 ~ 150ms)

❺**Lch Mute**
Uncheck : No mute.
Check : Mute.

❻**Rch Mute**
Uncheck : No mute.
Check : Mute.

❼**Out5**
You can change the setting of left channel.

❽**Out6**
You can change the setting of right channel.

■ **Mixer**
All comand press the '+' button to change the polarity.

❶**Mic Direct Level**
Adjust mic direct level. (RANGE:0 ~ 200%)

❷**Music Lebel**
Adjust music level. (RANGE:0 ~ 200%)

❸**Reverb Level**
Adjust reverb level. (RANGE:0 ~ 200%)

❹**Echo Level**
Adjust echo level. (RANGE:0 ~ 200%)

❺**Matrix**
Can be set separately for left and right.

①**Mic Direct Level**
Adjust mic direct level. (RANGE:0 ~ 200%)

②**Music Lch**
Adjust music left channel level. (RANGE:0 ~ 200%)

③**Music Rch**
Adjust music right channel level. (RANGE:0 ~ 200%)

④**Rev Left Level**
Adjust reverb left channel level. (RANGE:0 ~ 200%)

⑤**Rev Right Level**
Adjust reverb right channel level. (RANGE:0 ~ 200%)

⑥**Echo Left Level**
Adjust echo left channel level. (RANGE:0 ~ 200%)

⑦**Echo Right Level**
Adjust echo right channel level. (RANGE:0 ~ 200%)

■ **Comp**

❶**Comp Level**
Adjust comp level.(-50 ~ 0dB)

❷**Comp Ratio**
Adjust comp retio level.(1:2 ~ 1:100)

❸**Comp Attack**
Adjust comp attack time.(1 ~ 90ms)

❹**Comp Release**
Adjust comp release time.(0.1 ~ 2.5s)

❺**Limit Level**
Adjust limit level.(-50 ~ 0dB)

❻**Limit Release**
Adjust limit release time.(0.1 ~ 2.5s)

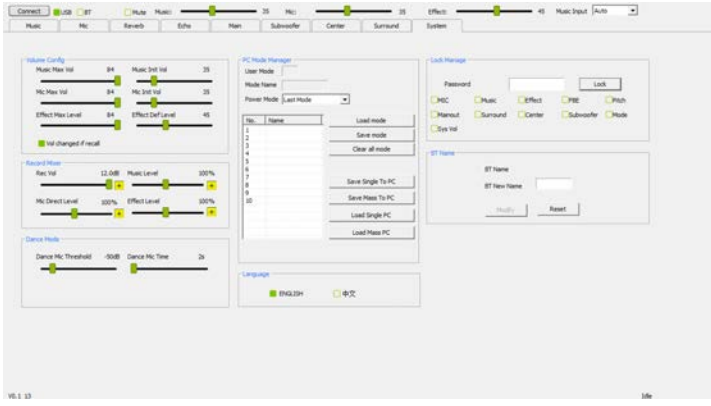
■ **X over**

❶**LPF**
Adjust LP filter frequency.
(FREQUENCY:20～20000Hz)
(LP Type:Bypass, Bessel_12dB,Buttw_12dB, Bessel_18dB,Buttw_18dB, Bessel_24dB,Buttw_24dB, LRiley_24dB)

❷**HPF**
Adjust HP filter frequency.
(FREQUENCY:20～20000Hz)
(LP Type:Bypass, Bessel_12dB,Buttw_12dB, Bessel_18dB,Buttw_18dB, Bessel_24dB,Buttw_24dB, LRiley_24dB)

■ **SURROUND EQ**
Adjust Center EQ.
(BAND:1~10, FREQUENCY:20 ~ 20000Hz)
(TYPE:P/LS/HS/Byp, GAIN:-24dB ~ +24dB)
(P : RANGE:0.4 ~ 99.9, LS/HS : RANGE:0.4 ~ 2.0)
(Link:The left and right settings will be the same.)

SYSTEM MENU



❶**Volume Config**
Adjust Max volume and initial volume of Music, Mic, and Effect.
(RANGE:20 ~ 84)

❷**Record Mixer**
All comand press the '+' button to change the polarity.
Adjust REC volume and Level of Music, Mic Direct, and Effect.
(REC Vol:OFF, -37 ~ 12dB)
(Music, Mic Direct, and Effect:0 ~ 200%)

❸**Dance Mode**
Adjust Mic Threshold, and Mic Time.
(Dance Mic Threshold:-60 ~ 0dB)
(Dance Mic Time:1 ~ 30s)

❹**PC Mode Manager**
Preserving setting up information from U1 to U10, your preferable choice can always be called.

❺**Lock Manage**
The administrator can lock each setting value so that it cannot be changed.

❻**BT Name**
You can rename BT device.
① Please write BT device new name.
② Press the 'Modify' button.
③ Please disconnect PC and BPR-8600.
④ Restart the BPR-8600.

❼**Language**
The display switches between Chinese and English.

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.

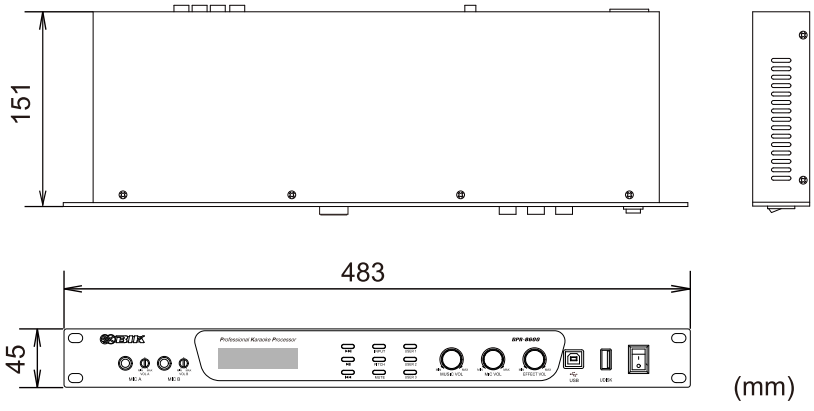
Trouble	Cause	Remedy
Can not power on.	● The power cord may not be connected.	● Connect the power cord to AC outlet.
Power on, but no sound.	● Music volume control or Mic. volume control may be set to minimum position. ● Music signal choice may be incorrect. ● The output cords may not be connected correctly. ● The power amplifier switch may not be ON.	● 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 may be minimum.	● Adjust it to suitable position.
No microphone sound but playback the music sound.	● Microphone switch is "OFF" position. ● The microphone cord broken. ● Microphone plug may not be connected.	● Set it to "ON". ● Repair or replace it. ● Connect it correctly.
No effect.	● Effect volume is minimum.	● Adjust the Effect volume.
Remote controller not in operation.	● The power amplifier switch may not be ON. ● No batteries are in the unit. ● Batteries consumed.	● Turn ON the power amplifier. ● Check batteries. ● Change batteries to new ones.

SPECIFICATIONS

Frequency Response ..... 20Hz - 20kHz
Total harmonic Distortion ..... 0.08% (max)
Music Input (L / R)
  Sensitivity ..... 670 mV
  Input impedance ..... 44 kΩ
Microphone input
 (MIC A / A2, MIC B / B2)
  Sensitivity ..... 35 mV
  Input impedance ..... 10 kΩ
Output
  MAIN OUT (L/R) ..... 2.6 V
  CENTER OUT ..... 2.6 V
  SUB-WOOFER OUT..... 2.6 V
  SUR OUT (L/R)..... 2.6 V
  REC OUT (L/R) ..... 2.9 V
Key Control .....15 steps
Feedback killer (FBX) ..... 8 steps

Power supply, Others
  Power Voltage ..... 90V - 250V 50/60Hz
  Power consumption ..... 10 W
  Dimensions (W X H X D) ..... 483 X 490 X 151 mm
  Weight ..... 1.8 kg
Accesories
  Owner's manual 1
  Remote Controller 1
  Power Cable 1
  BT Antenna 1

● Design and specifications subject to change without notice.



目录

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害。
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（AC90V - AC250V）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

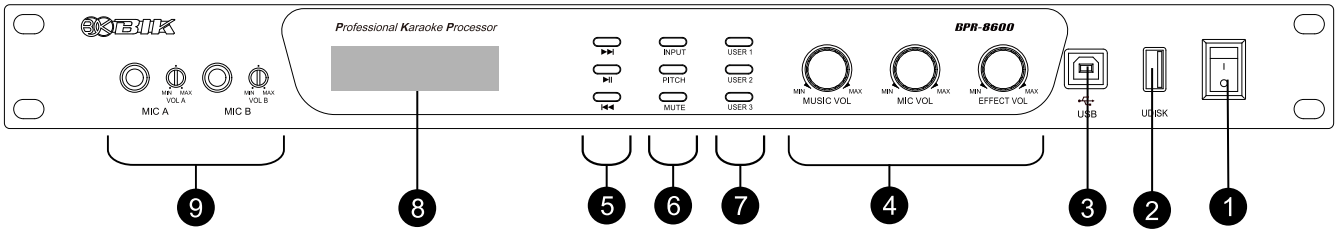
- 旅行等长时间不使用时、为了安全请务必拔下插头。
- 如近距离内有雷电现象时、请拔下电源插头，由于雷电原因，会引起火灾、触电、故障等现象。
- 移动时首先关闭电源开关、然后务必拔下电源插头。
- 请勿放置在灶台、加湿器及有油烟、雾气的地方。会引起火灾、触电等现象。
- 请勿放置在不安稳的桌上、或倾斜的地方。会容易掉落、翻倒而造成损坏、损伤等现象。
- 请勿放置在紧闭车窗的汽车内、或阳光直射及高温的地方。以免造成零部件的损坏、而引起火灾。

产品特点

功能

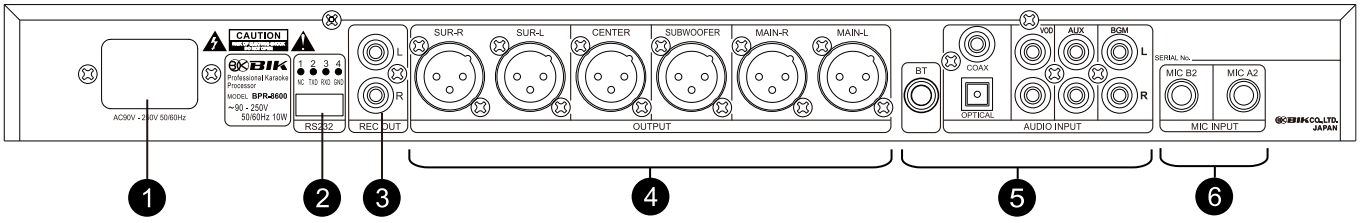
- 采用32位高性能DSP和AD/DA，24位，96K采样纯数字的专业KTV前置效果处理器。
- 3组模拟音乐立体声输入，自动优先功能，光纤和同轴音乐数字输入，蓝牙5.0和U盘播放。左右联调可选,15段参量均衡、电平和极性、高低通滤波器、扩展，输入预增益、静噪、压缩限幅器、削波限幅器。音乐的变调功能。
- 独立前后2组A/B话筒，AB联调可选，15段参量均衡、电平和极性、啸叫抑制、高低通滤波器、扩展，静噪、压缩限幅器、削波限幅器。
- 专业演唱的混响，5段参量均衡、电平和极性、直达电平和极性、高低通滤波器、混响预延时、混响时长。
- 专业演唱的回声，5段参量均衡、电平和极性、直达电平和极性、高低通滤波器、回声预延时、回声延时、回声重复、回声右声道延时比例、回声右声道延时比例。
- 6个输出通道，主左、主右、超低、中置、环绕左、环绕右。
- 6个输出通道，左右联调可选，10段参量均衡、高低通滤波器、压缩限幅器、削波限幅器、混音电平、输出音量和极性、延时、静音。
- 音频处理器的功能，混音矩阵模式，拥有0.01ms单位超精细的延时调整，每个输出通道高达150ms。
- 立体声录音输出，具有独立的音量调节和混音功能。
- 音乐和6通道输出，有演唱模式、热舞模式、自动模式。
- 加锁管理功能，开机次数限制设置。
- 拥有10组用户参数存储和调用。
- VOD点歌控制接口RS232，无线红外遥控功能。
- 免驱动USB或者连接BT无线连接，实时通过PC软件控制全部参数。
- 宽电压低功耗设计，交流输入90-250V、50/60Hz。

前面板



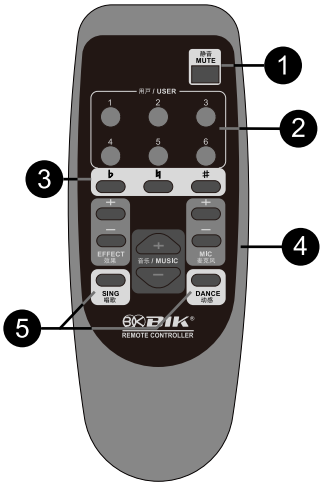
1. 电源开关
   开机/关机
2. UDISK通信接口
3. USB通讯控制接口
4. 音乐音量旋钮,麦克风音量旋钮, 效果音量旋钮
5. 播放控制
   ⏮: 上一曲
   ⏯ :播放/暂停
   ⏭ : 下一曲
6. 功能按键区
   ① 输入切换按键
   按此按键的时候会依据(VOD, AUX, BGM, Optical, Coax and BT)
   的顺序切换信号。
   ② 升降调按钮
   按下按钮后，转动音量旋钮调整声降调。
   ♭: 降调 ♯: 升调 ♯0 : 恢复原状态 。
   ③ 静音
7. 模式选择
   调用保存好的效果 1 - 3
8. LCD显示屏，用于显示各种参数调节的信息
9. 2路麦克风输入插孔

后面板



1. 电源线插座
   电源电压 AC 90～250V, 50 / 60Hz.
2. RS232 通讯接口
   实现外部VOD设备控制效果器
3. 立体声录音输出接口
4. 输出端子
   各声道信号输出。
5. 音频信号输入端子
   (VOD, AUX, BGM, Optical, Coax and BT)
6. 麦克风A2 / B2 插口

遥控器



❶ 静音按键
按一次即变为静音状态，再按一次返回原状态。

❷ 六种效果调用按键

❸ 音乐升降调按键
♭:降调 ♯:升调 ♮:恢复原状态 。

❹ 麦克风，效果音量控制键
音量用“+”、“—”键控制调节。

❺ 音乐模式选择按钮

连接方法

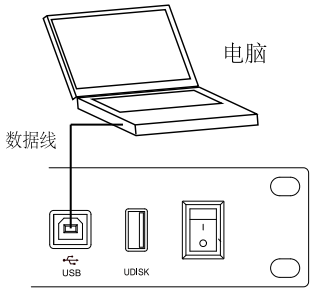
蓝牙天线
麦克风
VOD
录音機
功率
放大器
功率
放大器
功率
放大器
BGM
AUX
环绕音箱
超低音箱
主音箱
数字输出播放器
（光纤）
数字输出播放器
（同轴）
功率
放大器
中置音箱
电脑
USB数据线
Professional Karaoke Processor
BPR-8600
MIC A
MIC B
MUSIC VOL
MIC VOL
EFFECT VOL
USB
UDISK
麦克风

电脑调试软件

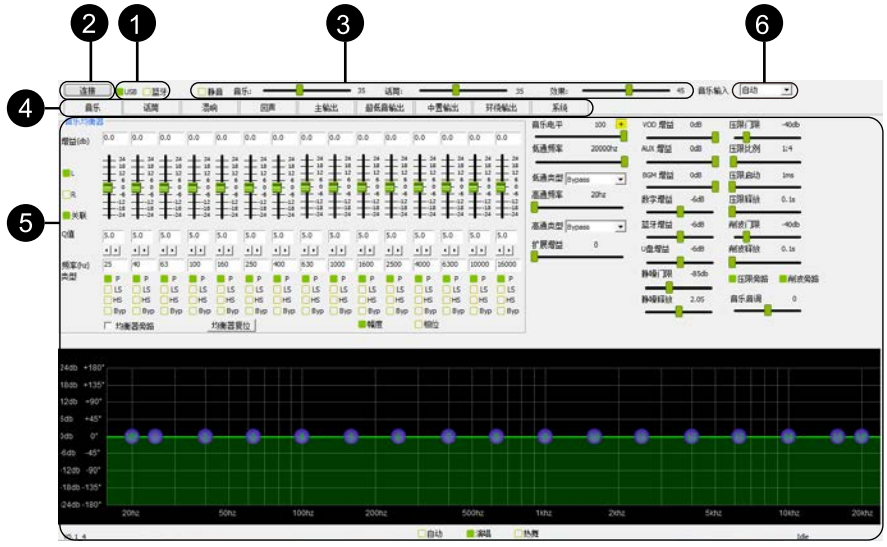
请在BIK官方网站下载BPR-8600电脑调试软件

※ 网址：https://www.bik-audio.com/product/bpr-8600/

1. 使用USB数据线连接电脑的方法
   用USB数据线将本机与电脑连接起来。
   打开BPR-8600电脑调试软件，点击连接。



电脑调试软件功能



❶ 选择USB或者蓝牙连接
选中的模式变为绿色。

电脑上的设定方法
开始 > 设置> 设备 > 蓝牙和其他设备
蓝牙开
设备名:BPR-8600_BTxxxxxx

❷ 连接按钮
变为绿色表示已连接
灰色表示未连接

❸ 音量控制
调整音乐，麦克风，效果的音量

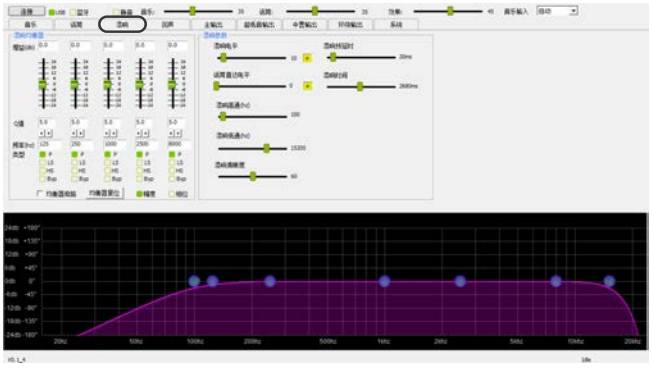
❹ 调试菜单
设置所选通道参数和系统参数。

❺ 设定画面
设置所选通道参数。

❻ 音源输入选择
VOD, AUX, BGM, OPTICAL, COAXIAL,
UDISK, BT, AUTO.

⓮ 话筒参量器均衡器
(频段:1～15, 频率 : 20～20000Hz)
(类型:P/LS/HS/Byp, 增益 : -24dB～+24dB)
(带宽:P模式0.4～99.9, LS/HS模式0.4～2.0)

混响菜单



❶ 混响电平
调整混响电平(范围 : 0 ~ 100)
按“+”按钮更改正负极。

❷ 话筒直达电平
调整混响直达电平(范围 : 0 ~ 100)

❸ 混响高通
调节混响高通滤波器频率。(频率 : 20 ~ 1000Hz)

❹ 混响低通
调节混响低通滤波器频率。(频率 : 4000 ~ 20000Hz)

❺ 混响清晰度
调整混响清晰度。(范围: 20 ~ 99)

❻ 混响预延时
调节混响预延时。(范围: 0 ~ 200ms)

❼ 混响时间
调节混响时间。(范围: 500 ~ 5000ms)

❽ 混响参量器均衡器
(频段:1～5, 频率:20～20000Hz)
(类型:P/LS/HS/Byp, 增益:-24dB～+24dB)
(带宽:P模式0.4～99.9, LS/HS模式0.4～2.0)

回声菜单

❶ 回声电平
调整回声电平。（范围 : 0 ~ 100)
按“+”按钮更改正负极。

❷ 话筒直达电平
调整回声直达电平。（范围 : 0 ~ 100)
按“+”按钮更改正负极。

❸ 回声高通
调节回声高通滤波器频率。(频率 : 20 ~ 1000Hz)

❹ 回声低通
调节回声低通滤波器频率。(频率 : 4000 ~ 20000Hz)

❺ 回声预延时
调整回声预延时。(范围: 0 ~ 250ms)

❻ 回声延迟时间
调整回声延迟时间。(范围: 1 ~ 500ms)

❼ 回声重复
调整回声重复时间。(范围: 0 ~ 90%)

❽ 回声右声道预延时
调整回声右声道预延时。(范围: 0 ~ 50%)

❾ 回声右声道延时
调整回声右声道延时。(范围: -50 ~ 50%)

❿ 回声参量器均衡器
(频段:1～5, 频率:20～20000Hz)
(类型:P/LS/HS/Byp, 增益:-24dB～+24dB)
(带宽:P模式0.4～99.9, LS/HS模式0.4～2.0)

主输出菜单

■ 输出

❶ 输出音量
调节输出音量。(范围 : OFF -37 ~ 12dB)
按“+”按钮更改正负极。

❷ 延时
调整延时时间。(范围 : 0 ~ 150ms)

❸ 静音(右、左)
选中后静音,
重新按下恢复到原始状态。

❹ OUT1
更改左声道的设置。

❺ OUT2
更改右声道的设置。

■混音
按“+”按钮更改正负极。

❶ 话筒直达电平
调整话筒直达电平。(范围 : 0 ~ 200%)

❷ 音乐电平
调整音乐电平。(范围 : 0 ~ 200%)

❸ 混响电平
调整混响电平。(范围 : 0 ~ 200%)

❹ 回声电平
调整回声电平。(范围 : 0 ~ 200%)

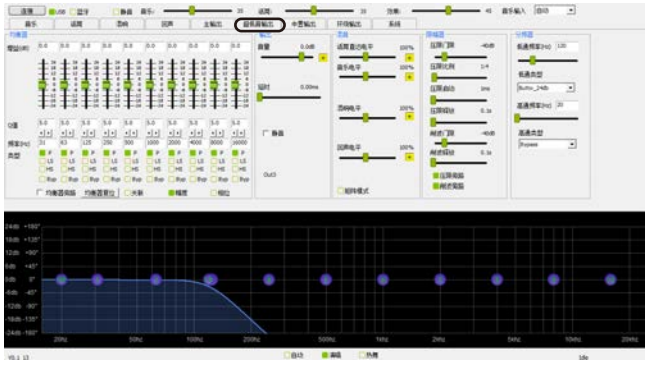
❺ 矩阵模式
可以进行更详细的设置。
①音乐左电平
调整音乐左声道电平。(范围 : 0 ~ 200%)
②音乐右电平
调整音乐右声道电平。 (范围 : 0 ~ 200%)
③混响左电平
调整混响左声道电平。(范围 : 0 ~ 200%)
④混响右电平
调整混响右通道电平。(范围 : 0 ~ 200%)
⑤回声左电平
调整回声左通道电平。(范围 : 0 ~ 200%)
⑥回声右电平
调整回声右通道电平。(范围 : 0 ~ 200%)

■限幅器
❶压限门限
调整压限门限。(-50 ~ 0dB)
❷压限比例
调整压限比例。(1:2 ~ 1:100)
❸压限启动
调整压限启动时间。(1 ~ 90ms)
❹压限释放
调整压限释放时间。(0.1 ~ 2.5s)
❺削波门限
调整削波门限。(-50 ~ 0dB)
❻削波释放
调整削波释放时间。 (0.1 ~ 2.5s)

■分频器
❶低通频率
调整低通 滤波器频率。
(频率: 20 ~ 20000Hz)
(低通类型:Bypass, Bessel_12dB,Buttw_12dB, Bessel_18dB,Buttw_18dB, Bessel_24dB,Buttw_24dB, LRiley_24dB)
❷高通频率
调整 高通滤波器频率。
(频率: 20 ~ 20000Hz)
(高通类型:Bypass, Bessel_12dB,Buttw_12dB, Bessel_18dB,Buttw_18dB, Bessel_24dB,Buttw_24dB, LRiley_24dB)

■主输出参量器均衡器
(频段:1～10, 频率:20～20000Hz)
(类型:P/LS/HS/Byp, 增益:-24dB～+24dB)
(带宽:P模式0.4～99.9, LS/HS模式0.4～2.0)
(关联:左右声道的设置将相同)

超低音输出菜单



■输出
❶输出音量
调节输出音量。(范围: OFF,-37 ~ 12dB)
❷延时
调节延时时间。(范围: 0 ~ 150ms)
❸静音
选中后静音。
重新按下恢复到原始状态。

■混音
按“+”按钮更改正负极。
❶话筒直达电平
调整话筒直达电平。(范围 : 0 ~ 200%)
❷音乐电平
调整音乐电平。(范围 : 0 ~ 200%)
❸混响电平
调整混响电平。(范围 : 0 ~ 200%)
❹回声电平
调整回声电平。 (范围 : 0 ~ 200%)

❺矩阵模式
可以进行更详细的设置。
①音乐左电平
调整音乐左声道电平。(范围 : 0 ~ 200%)
②音乐右电平
调整音乐右声道电平。(范围 : 0 ~ 200%)
③混响左电平
调整混响左声道电平。(范围 : 0 ~ 200%)
④混响右电平
调整混响右通道电平。(范围 : 0 ~ 200%)
⑤回声左电平
调整回声左通道电平。(范围 : 0 ~ 200%)
⑥回声右电平
调整回声右通道电平。(范围 : 0 ~ 200%)

■限幅器
❶压限门限
调整压限门限。(-50 ~ 0dB)
❷压限比例
调整压限比例。(1:2 ~ 1:100)
❸压限启动
调整压限启动时间。(1 ~ 90ms)
❹压限释放
调整压限释放时间。(0.1 ~ 2.5s)
❺削波门限
调整削波门限。(-50 ~ 0dB)
❻削波释放
调整削波释放时间。(0.1 ~ 2.5s)

■ 分频器

❶低通频率

调整低通 滤波器频率。

(频率：20 ~ 20000Hz)

(低通类型:Bypass, Bessel_12dB,Buttw_12dB, Bessel_18dB,Buttw_18dB, Bessel_24dB,Buttw_24dB, LRiley_24dB)

❷高通频率

调整 高通滤波器频率。

(频率：20 ~ 20000Hz)

(高通类型:Bypass, Bessel_12dB,Buttw_12dB, Bessel_18dB,Buttw_18dB, Bessel_24dB,Buttw_24dB, LRiley_24dB)

■ 超低音输出参量器均衡器

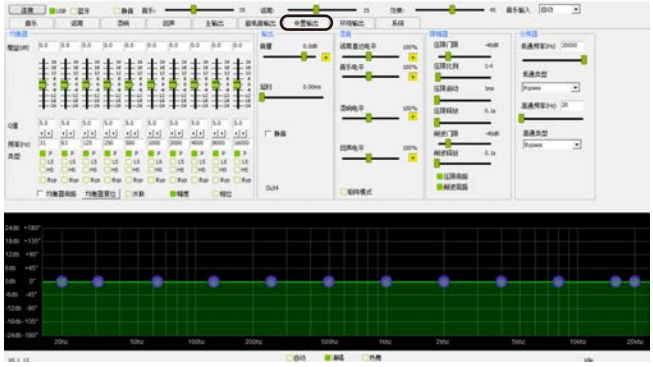
(频段:1～10, 频率:20～20000Hz)

(类型:P/LS/HS/Byp, 增益:-24dB～+24dB)

(带宽:P模式0.4～99.9, LS/HS模式0.4～2.0)

(关联:低音炮和中置输出设置将相同)

中置输出菜单



■ 输出

❶ 输出音量

调节输出音量。(范围 : OFF,-37 ~ 12dB)

按“+”按钮更改正负极。

❷ 延时

调节延时时间。(范围 : 0 ~ 150ms)

❸ 静音

选中后静音。

重新按下恢复到原始状态。

■混音

按“+”按钮更改正负极。

❶ 话筒直达电平

调整话筒直达电平。(范围 : 0 ~ 200%)

❷ 音乐电平

调整音乐电平。(范围 : 0 ~ 200%)

❸ 混响电平

调整混响电平。(范围 : 0 ~ 200%)

❹ 回声电平

调整回声电平。(范围 : 0 ~ 200%)

❺ 矩阵模式

可以进行更详细的设置。

①音乐左电平

调整音乐左声道电平。(范围 : 0 ~ 200%)

②音乐右电平

调整音乐右声道电平。(范围 : 0 ~ 200%)

③混响左电平

调整混响左声道电平。(范围 : 0 ~ 200%)

④混响右电平

调整混响右通道电平。(范围 : 0 ~ 200%)

⑤回声左电平

调整回声左通道电平。(范围 : 0 ~ 200%)

⑥回声右电平

调整回声右通道电平。(范围 : 0 ~ 200%)

■ 限幅器

❶ 压限门限

调整压限门限。(-50 ~ 0dB)

❷ 压限比例

调整压限比例。(1:2 ~ 1:100)

❸ 压限启动

调整压限启动时间。(1 ~ 90ms)

❹ 压限释放

调整压限释放时间。(0.1 ~ 2.5s)

❺ 削波门限

调整削波门限。(-50 ~ 0dB)

❻ 削波释放

调整削波释放时间。(0.1 ~ 2.5s)

■ 分频器

❶低通频率

调整低通 滤波器频率。

(频率：20 ~ 20000Hz)

(低通类型:Bypass, Bessel_12dB,Buttw_12dB, Bessel_18dB,Buttw_18dB, Bessel_24dB,Buttw_24dB, LRiley_24dB)

❷高通频率

调整 高通滤波器频率。

(频率：20 ~ 20000Hz)

(高通类型:Bypass, Bessel_12dB,Buttw_12dB, Bessel_18dB,Buttw_18dB, Bessel_24dB,Buttw_24dB, LRiley_24dB)

■超低音输出参量器均衡器

(频段:1～10, 频率:20～20000Hz)

(类型:P/LS/HS/Byp, 增益:-24dB～+24dB)

(带宽:P模式0.4～99.9, LS/HS模式0.4～2.0)

(关联:低音炮和中置输出设置将相同)

环绕输出菜单

■ 输出

❶ 输出音量

调节输出音量。 (范围 : OFF,-37~12dB)

❷ 延时

调节延时时间。 (范围 : 0～150ms)

❸ 静音

选中后静音，

重新按下恢复到原始状态。

❹ OUT5

更改左声道的设置。

❺ OUT6

更改右声道的设置。

■ 混音

❶ 话筒直达电平
调整话筒直达电平。(范围：0～200%)
按“+”按钮更改正负极。

❷ 音乐电平
调整音乐电平。(范围：0～200%)

❸ 混响电平
调整混响电平。(范围：0～200%)

❹ 回声电平
调整回声电平。(范围：0～200%)

❺ 矩阵模式
可以进行更详细的设置。

①音乐左电平
调整音乐左声道电平。(范围：0 ~ 200%)

②音乐右电平
调整音乐右声道电平。(范围：0 ~ 200%)

③混响左电平
调整混响左声道电平。(范围：0 ~ 200%)

④混响右电平
调整混响右通道电平。(范围：0 ~ 200%)

⑤回声左电平
调整回声左通道电平。(范围：0 ~ 200%)

⑥回声右电平
调整回声右通道电平。(范围：0 ~ 200%)

■ 限幅器

❶ 压限门限
调整压限门限。(-50 ~ 0dB)

❷ 压限比例
调整压限比例。(1:2 ~ 1:100)

❸ 压限启动
调整压限启动时间。(1 ~ 90ms)

❹ 压限释放
调整压限释放时间。(0.1 ~ 2.5s)

❺ 削波门限
调整削波门限。(-50 ~ 0dB)

❻ 削波释放
调整削波释放时间。(0.1 ~ 2.5s)

■ 分频器

❶ 低通频率
调整低通 滤波器频率。
(频率：20 ~ 20000Hz)
(低通类型:Bypass, Bessel_12dB,Buttw_12dB, Bessel_18dB,Buttw_18dB, Bessel_24dB,Buttw_24dB, LRiley_24dB)

❷ 高通频率
调整 高通滤波器频率。
(频率：20 ~ 20000Hz)
(高通类型:Bypass, Bessel_12dB,Buttw_12dB, Bessel_18dB,Buttw_18dB, Bessel_24dB,Buttw_24dB, LRiley_24dB)

■ 环绕输出参量器均衡器
(频段:1～10, 频率:20～20000Hz)
(类型:P/LS/HS/Byp, 增益:-24dB～+24dB)
(带宽:P模式0.4～99.9, LS/HS模式0.4～2.0)
(关联:左右声道的设置将相同)

系统菜单

❶ 音量
调整音乐,麦克风,效果的最大音量,初期音量。
（范围 : 20 ~ 84）

❷ 录音混音
录音音量，音乐电平，
话筒直达电平，效果电平
(录音音量:OFF,-37 ~ 12dB)
(音乐电平，话筒直达电平，效果电平:0 ~ 200%)
按“+”按钮更改正负极。

❸ 热舞模式
调整话筒门限，话筒检测时间
(话筒门限:-60 ~ 0dB, 话筒检测时间:1 ~ 30s)

❹ 模式管理
保存从1到10的效果设置,
随时可以调用您的首选选择。

❺ 加锁管理
管理员可以锁定每个设置值的密码,
以用来锁定。

❻ 蓝牙名称
您可以更改蓝牙设备的名称。
①请输入新的蓝牙设备名称。
②按“修改”按钮。
③请断开功放与电脑的连接。
④请关机，重新打开 BPR-8600的电源。

❼ 语言
显示内容中文/英文切换。

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

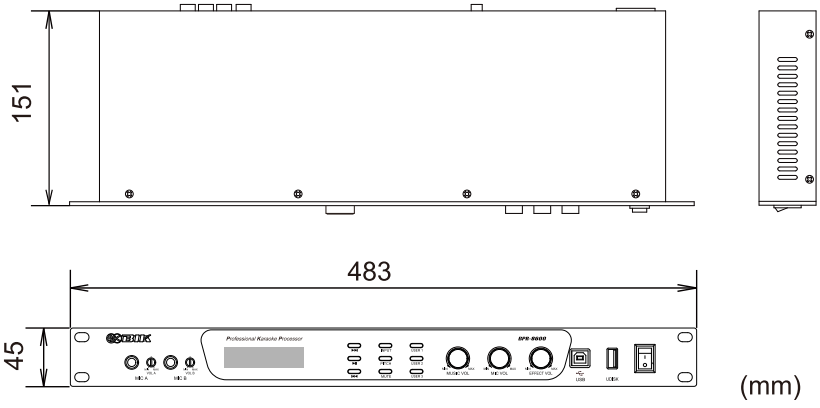
故障症状	原因	解决方法
没有电源	电源线没有插好。	调节适当的音量
电源接通但是没有声音。	● 音乐旋钮或麦克旋钮设定在最小的位置。 ● 输入信号选择不正确。 ● 输出线与功率放大器的连接不正确。 ● 功率放大器没有接通电源。	● 请插好电源插头，将旋钮调整到适当位置。 ● 请选择正确的音源信号。 ● 修正输出线与功能放大器间的连接。 ● 功率放大器没有接通电源。
接通电源、接入音乐信号，但是没有声音。	● 音量旋钮设定在最小状态。	● 设定到适当音量的位置。
有音乐声， 但是麦克不出声音。	● 麦克的开关`OFF` ● 麦克线有划伤损坏。 ● 麦克的插头没有连接好。	● 打开麦克风开关。 ● 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。	● 攻放电源没有接通。 ● 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

频率响应范围 ..... 20Hz - 20kHz
失真度 (THD) ..... ≤ 0.08% (max)
音乐输入 (L/R)
　输入灵敏度 ..... 670 mV
　输入阻抗 ..... 44k 欧姆
麦克风输入
　(MIC A/A2, MIC B/B2)
　输入灵敏度 ..... 35 mV
　输入阻抗 ..... 10k 欧姆
效果器输出
　MAIN OUT (L/R) ..... 2.6 V
　CENTER OUT ..... 2.6 V
　SUB-WOOFER OUT ..... 2.6 V
　SUR OUT (L/R) ..... 2.6 V
　REC OUT (L/R) ..... 2.9 V
音调控制范围 ..... 15 steps
啸叫抑制 ..... 8 steps

电源部分、其他
　电源电压 ..... 90 - 250V 50/60Hz
　电源功耗 ..... 10 W
　外形尺寸（长×高×宽）..... 483 X 490 X 151 mm
　净重 ..... 1.8 kg
附件
　使用说明书 1个
　遥控器 1个
　电源线 1个
　蓝牙天线 1个

● **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。**



FUNCTION LIST / 功能按键菜单总表

Music	Mic	Reverb	Echo	Main	Subwoofer
Music EQ 音乐均衡器	Mic EQ 话筒均衡器	Reverb EQ 混响均衡器	Echo EQ 回声均衡器	EQ 主输出均衡器	EQ 超低音输出均衡器
Gain 增益	Gain 增益	Gain 增益	Gain 增益	Gain 增益	Gain 增益
Q Q值	Q Q值	Q Q值	Q Q值	Q Q值	Q Q值
Freq 頻率	Freq 頻率	Freq 頻率	Freq 頻率	Freq 頻率	Freq 頻率
Music Level 音乐电平	Mic Level 话筒电平	Reverb Level 混响电平	Echo Level 回声电平	Output Vol 输出音量	Output Vol 输出音量
LPF 低通频率	Mic FBE 啸叫抑制	Reverb Direct 话筒直达电平	Echo Direct 话筒直达电平	Deley 延时	Deley 延时
HPF 高通频率	LPF 低通频率	Highpass 混响高通	Highpass 混响高通	Mic Direct Level 话筒直达电平	Mic Direct Level 话筒直达电平
Enhance Gain 扩展增益	HPF 高通频率	Lowpass 混响低通	Lowpass 混响低通	Music Level 音乐电平	Music Level 音乐电平
VOD Gain VOD增益	Enhance 扩展增益	Reverb Liveliness 混响清晰度	Echo Predelay 回声预延时	Reverb Level 混响电平	Reverb Level 混响电平
AUX Gain AUX增益	Noise Gate 静噪门限	Reverb Predelay 混响预延时	Echo Delay Time 回声延迟时间	Echo Level 回声电平	Echo Level 回声电平
BGM Gain BGM增益	Noise Time 静噪释放	Reverb Time 混响时间	Echo Repeat 回声重复	Comp Level 压限门限	Comp Level 压限门限
DIGITAL Gain 数字增益	Comp Level 压限门限		Echo R Ch Predelay 回声右声道预延时	Comp Ratio 压限比例	Comp Ratio 压限比例
BT Gain 蓝牙增益	Comp Ratio 压限比例		Echo R Ch Delay Time 回声右声道延时	Comp Attack 压限启动	Comp Attack 压限启动
UDISK Gain UDISK增益	Comp Attack 压限启动			Comp Release 压限释放	Comp Release 压限释放
Noise Gate 静噪门限	Comp 压限释放			Limit Level 削波门限	Limit Level 削波门限
Noise Time 噪音释放	Limit Level 削波门限			Limit Release 削波释放	Limit Release 削波释放
Comp Level 压限门限	Limit Release 削波释放			LPF 低通频率	LPF 低通频率
Comp Ratio 压限比例				HPF 高通频率	HPF 高通频率
Comp Attack 压限启动					
Comp Release 压限释放					
Limit Level 削波门限					
Limit Release 削波释放					
Music Pitch 音乐音调					

Center	Surround	System
EQ 中置输出均衡器	EQ 环绕输出均衡器	Music Max Vol 音乐最大音量
Gain 增益	Gain 增益	Mic Max Vol 话筒最大音量
Q Q值	Q Q值	Effect Max Vol 效果最大音量
Freq 频率	Freq 频率	Music Init Vol 音乐初始音量
Output Vol 输出音量	Output Vol 输出音量	Mic Init Vol 话筒初始音量
Deley 延时	Deley 延时	Effect Def Vol 效果初始音量
Mic Direct Level 话筒直达电平	Mic Direct Level 话筒直达电平	Rec Vol 录音音量
Music Level 音乐电平	Music Level 音乐电平	Music Level 音乐电平
Reverb Level 混响电平	Reverb Level 混响电平	Mic Direct Level 话筒直达电平
Echo Level 回声电平	Echo Level 回声电平	Effect Level 效果电平
Comp Level 压限门限	Comp Level 压限门限	Dance Mic Threshold 话筒门限
Comp Ratio 压限比例	Comp Ratio 压限比例	Dance Mic Time 话筒检测时间
Comp Attack 压限启动	Comp Attack 压限启动	Password 密码
Comp Release 压限释放	Comp Release 压限释放	BT New Name 蓝牙新名称
Limit Level 削波门限	Limit Level 削波门限	
Limit Release 削波释放	Limit Release 削波释放	
LPF 低通频率	LPF 低通频率	
HPF 高通频率	HPF 高通频率	

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