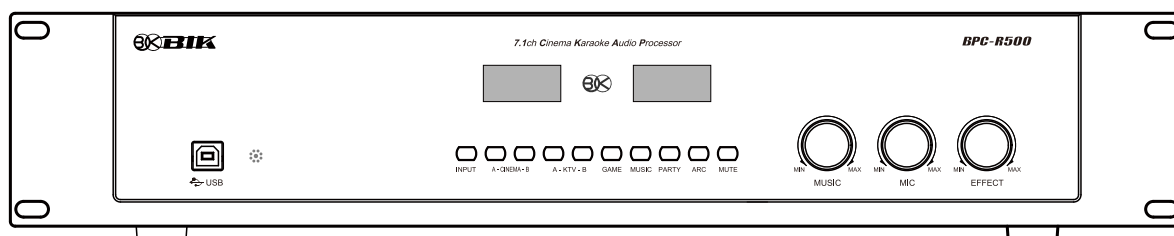




OWNER'S MANUAL
使用说明书

BPC-R500

7.1ch Cinema Karaoke Audio Processor
7.1声道影K效果处理器





Thank you for purchasing our 7.1ch Cinema Karaoke Audio 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影K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..... 2	HARDWARE DISPLAY 4	ANY TROUBLES ?..... 9
	FUNCTION AND NAME 2	PC SOFTWARE OPERATION 5	SPECIFICATIONS 10
	HOW TO CONNECT..... 4		

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

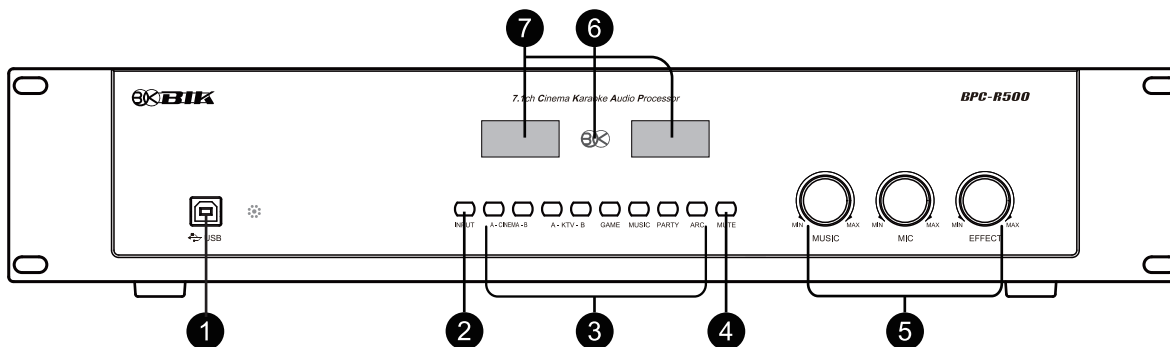
- Making use of this product under the circumstances that a smoke, an abnormal smell, an irregular sound coming out, it may cause a fire and an electric shock. In this case, switch off the product, and take AC plug out of the outlet right away. Bring it to the shop for repair.
- In case when water or 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 highly 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 not for water to go into or get wet, or it may cause a fire or get an electric shock.
- This product can be used only with AC100V-250V, otherwise it may cause a fire or get 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 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.

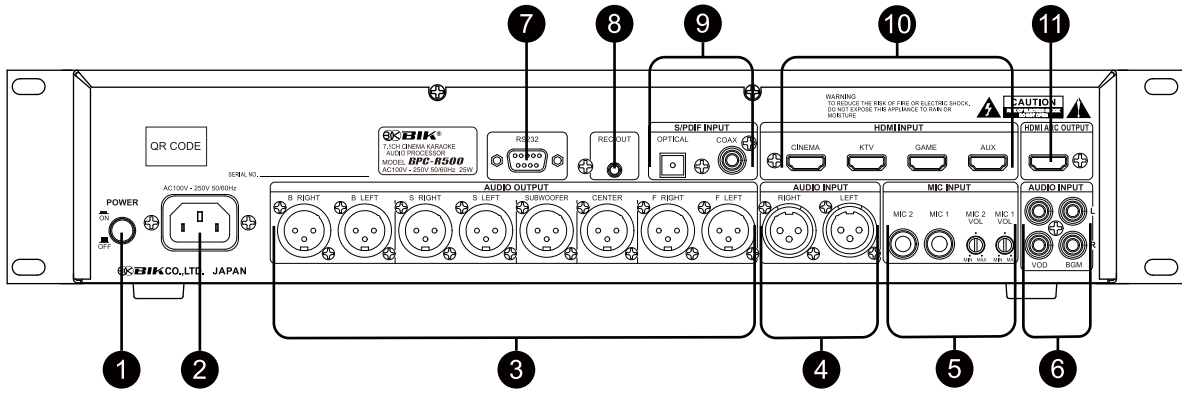
FUNCTION AND NAME

FRONT PANEL



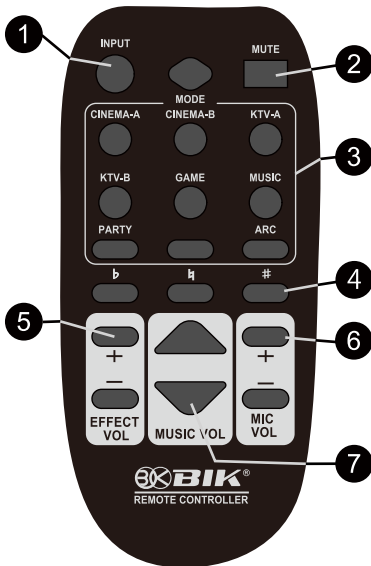
- | | |
|---|---|
| <p>1 USB Port
Connected to a PC to adjust various settings.</p> <p>2 Input Select Button
To select of music input source. It switches in the order of AUTO, BGM, VOD, OPTI, CINEMA, KTV, GAME, AUX, ARC, COAX, BLUE, and XLR.</p> <p>3 Mode Switch
The mode can be changed by pressing once.</p> <p>4 MUTE Switch
Press to mute all sound. Press again to unmute.</p> | <p>5 MUSIC / MIC / EFFECT VOLUME
To adjust EFFECT and MIC, MUSIC Volume by turning.</p> <p>6 Power indicator
Lights up when power is turned on.</p> <p>7 Display</p> |
|---|---|

REAR PANEL



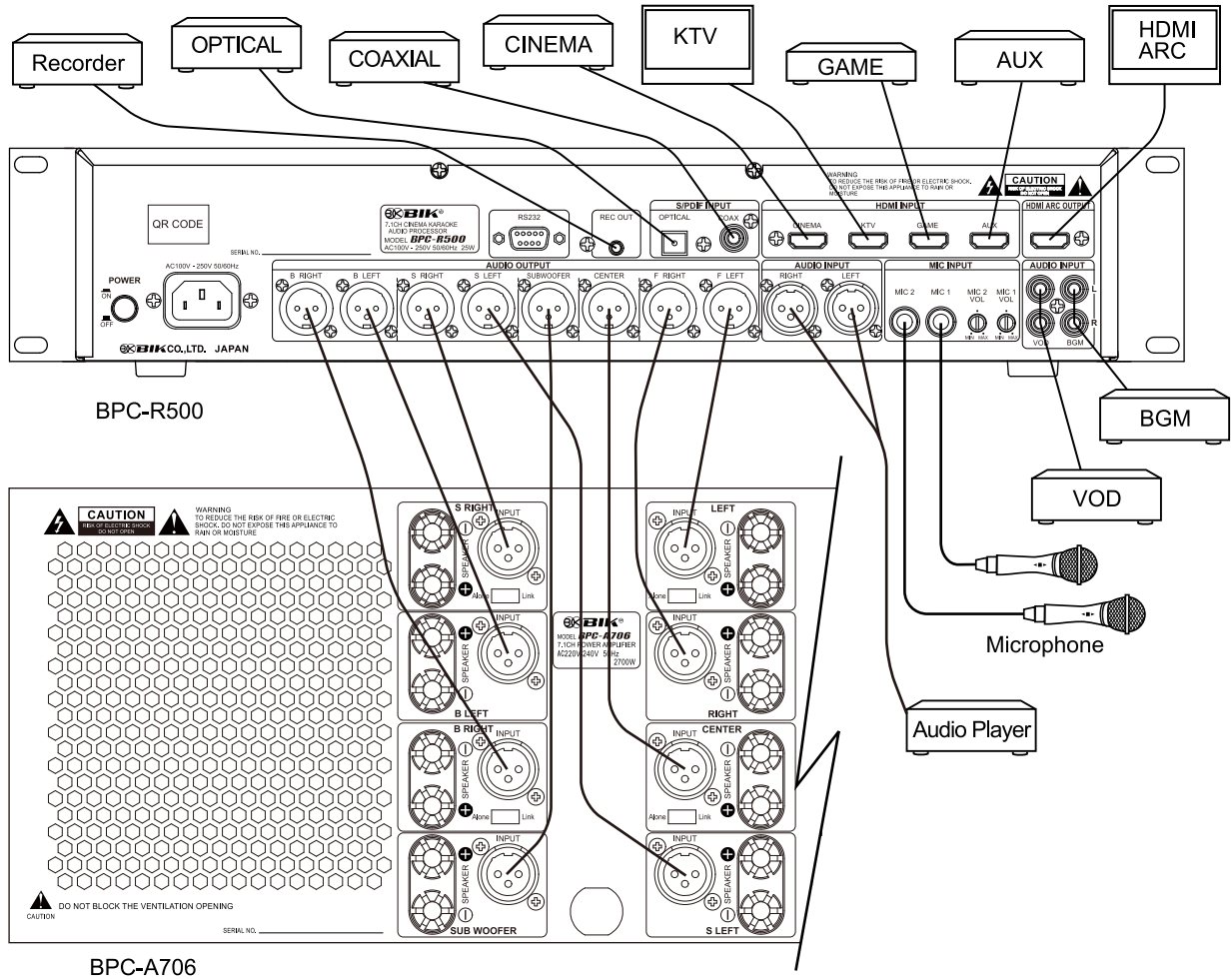
- 1 Power Switch**
- 2 Power Cord Socket.**
Power input AC 100 - 250V 50 / 60Hz.
- 3 7.1ch Audio Output**
FRONT, CENTER, SUBWOOFER, SURROUND and B-SURROUND output .
- 4 Analog Audio Input (XLR)**
XLR audio input.
- 5 MIC Input and Volume**
MIC jack and MIC input volume. (MIC 1 and MIC 2)
- 6 Analog Audio Input (BGM and VOD)**
BGM audio input and VOD audio input.
- 7 RS232 Port**
- 8 Rec Output**
Connect with Record device.
- 9 Digital Audio Input (OPTICAL and COAX)**
OPTICAL audio input and COAXIAL audio input.
- 10 HDMI Input (CINEMA, KTV, GAME and AUX)**
Connect with HDMI input device.
- 11 HDMI ARC Output**
Connect with HDMI ARC device.

REMOTE CONTROLLER

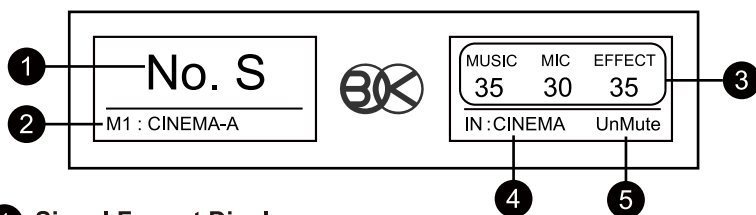


- 1 Input Button**
Can be select the Input signals.
BGM, VOD, OPTI, CINEMA,
KTV, GAME, AUX, ARC, COAX,
BLUE, and XLR.
- 2 Mute Button**
- 3 MODE**
Can be change the MODE.
- 4 Key Control Button**
To adjust Music Interval tone Level.
b : To slow interval tone.
: To fast interval tone.
: Back to original.
- 5 EFFECT Volume**
To adjust Effect volume.
- 6 MIC Volume**
To adjust MIC volume.
- 7 MUSIC Volume**
To adjust Music volume.

HOW TO CONNECT



HARDWARE DISPLAY



- 1 Signal Format Display**
 - Analog input signal : PCM.S
 - AC3 Signal : AC3.S
 - No Signal : No.S
- 2 Mode Indication**

Displays the currently selected mode.
- 3 Music, Mic and Effect Master Volume**
 - Music : 0 - 100
 - Mic : 0 - 100
 - Effect : 0 - 100
- 4 Input Indication**

Displays the currently selected input.
- 5 Mute Indication**

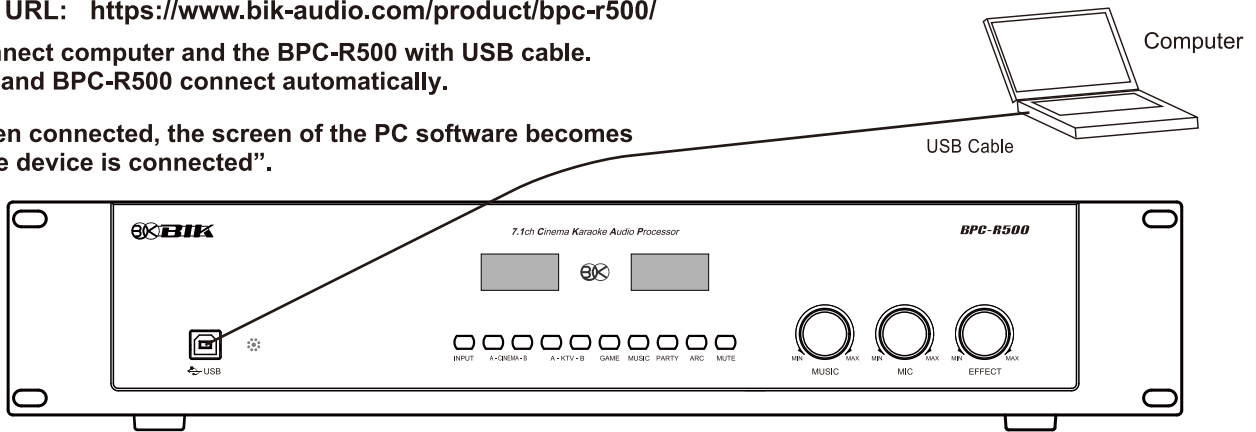
PC SOFTWARE OPERATION

1. Please download “BPC-R500 PC SOFTWARE” from BIK home page.

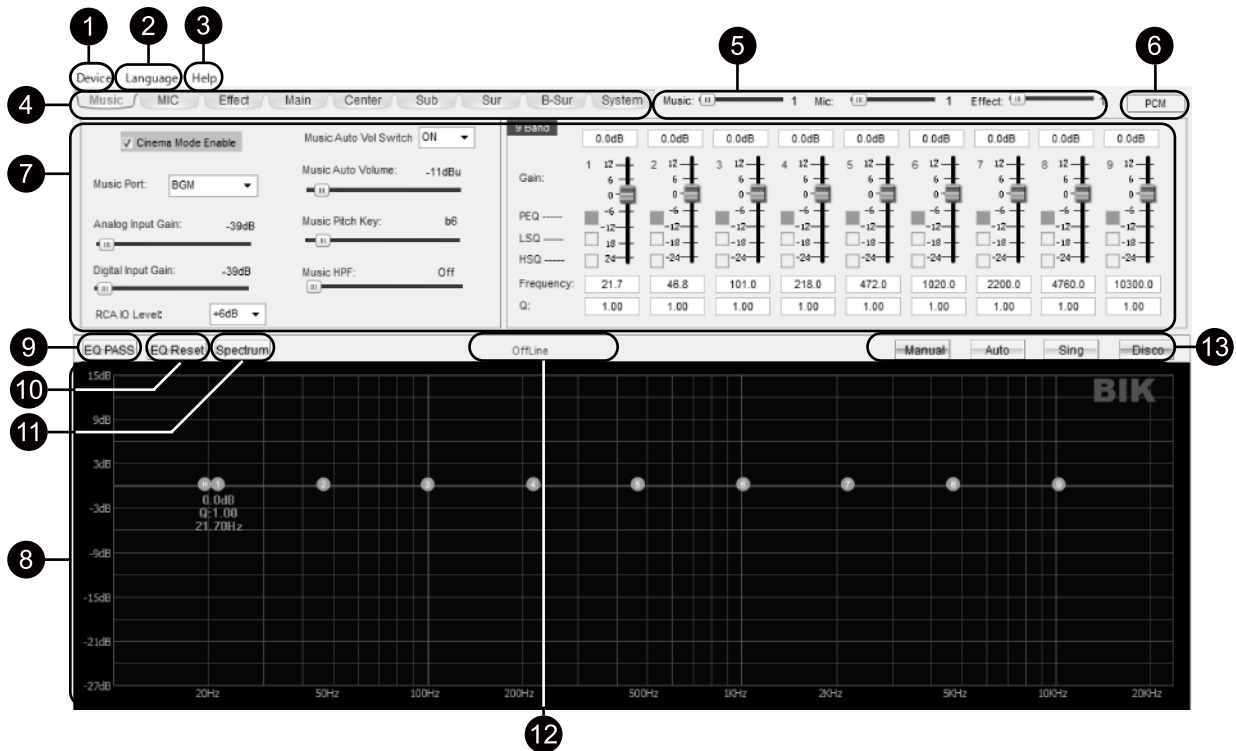
※ URL: <https://www.bik-audio.com/product/bpc-r500/>

2. Connect computer and the BPC-R500 with USB cable.
PC and BPC-R500 connect automatically.

3. When connected, the screen of the PC software becomes
“The device is connected”.



MENU SCREEN INSTRUCTION



1 Device Menu

- Link : Connect computer and the BPC-R500
- Unlink : Disconnect computer and the BPC-R500
- Network Setup : Can connect via TCP/IP
- Exit : Exit the software

2 Language

- English : Can be change English
- Chinese : Can be change Chinese

3 Help

- About : Can be confirm software version
- Restore factory parameters : Restore factory settings

4 Menu Tab

Each menu setting can be changed.

5 Music, Mic and Effect Master Volume

- Music : 0 - 100
- Mic : 0 - 100
- Effect : 0 - 100

6 Signal Format Display

- Analog input signal : PCM.S
- AC3 Signal : AC3.S

7 Detailed Setting Items

Each setting menu is displayed.

8 Graphic Equalizer Screen

Equalizer can be adjusted in each menu.

9 EQ Pass

Not through the set equalizer.

10 EQ Reset

Reset equalizer settings to default values.

11 Spectrum

Display spectrum analyzer.

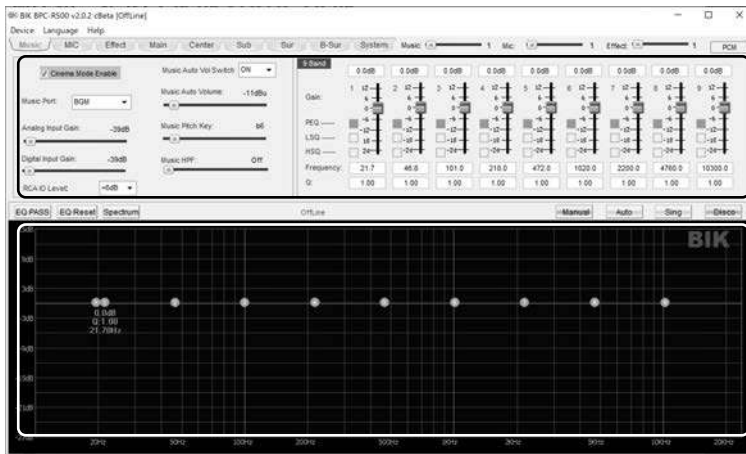
12 PC Link

- Link : The device is connected
- Unlink : Offline

13 Disco Mode

When set to auto, it automatically switches to disco mode according to the MIC signal. Can be set to manual to switch arbitrarily.

MUSIC SCREEN INSTRUCTION



1 Equalizer and various values Setting

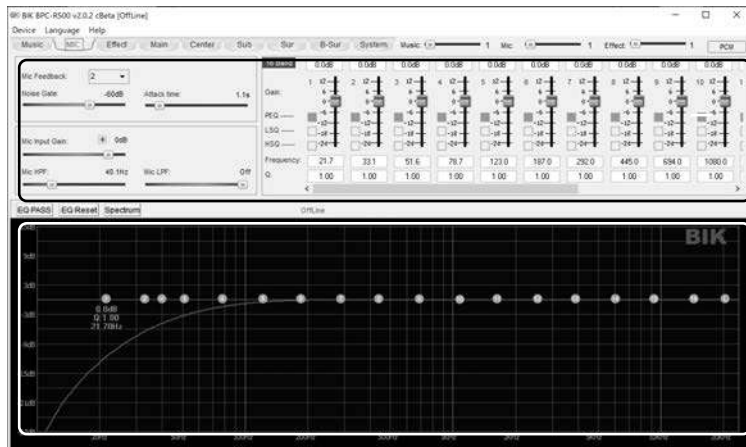
- Cinema Mode Enable
Converts analog signals to virtual 5.1 channels. Karaoke is recommended to be turned off.
- Analog Input Gain : OFF, -39 ~ +6dB
- Digital Input Gain : OFF, -39 ~ +6dB
- RCA IO Level : 0 or +6dB
- Music Auto Vol Switch
Automatic volume control.
- Music Auto Volume : -12 ~ +6dBu
- Music Pitch Key : b7 - OFF - #7
- Music HPF : OFF, 20.1 ~ 309Hz
- Equalizer : 9 band

2 Graphic Equalizer

Can be adjust visually HPF and GAIN, frequency and "Q" of 9 band EQ.

- GAIN : -24dB - +12dB
- Frequency : 19.7Hz - 20600Hz
- Q : 0.1 - 128

MIC SCREEN INSTRUCTION



1 Equalizer and various values Setting

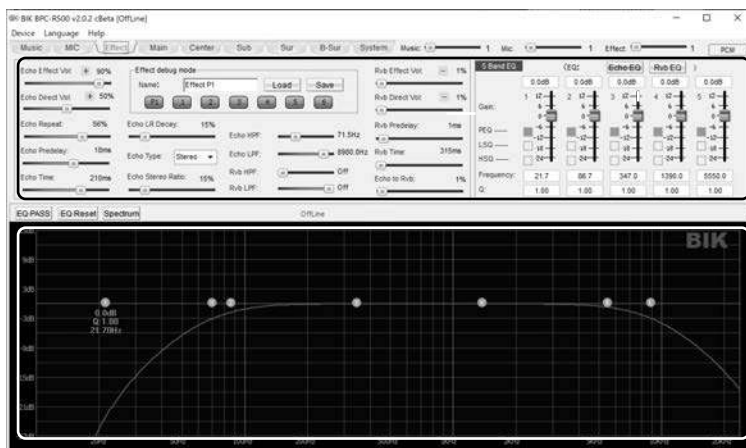
- Mic Feedback : OFF, 1 ~ 3
- Noise Gate : OFF, -79dB ~ -50dB
- Attack time : 0.1 ~ 10.0s
- Mic Input Gain : OFF, -39 ~ +6dB
- Mic Input Polarity : "+" or "OFF"
- Mic HPF : OFF, 20.1 - 309Hz
- Mic LPF : OFF, 19.7 ~ 20200Hz
- Equalizer : 16 band

2 Graphic Equalizer

Can be adjust visually HPF, LPF and GAIN, frequency and "Q" of 16 band EQ.

- GAIN : -24dB - +12dB
- Frequency : 19.7Hz - 20600Hz
- Q : 0.1 - 128

EFFECT SCREEN INSTRUCTION



1 Equalizer and various values Setting

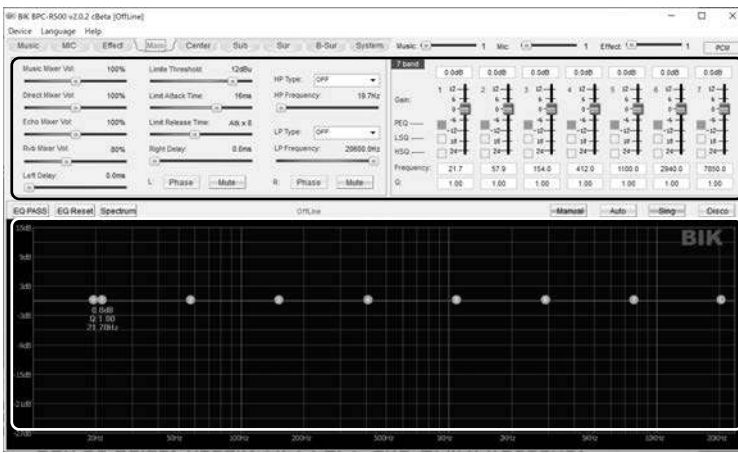
- Echo Effect Vol and Polarity : 0 ~ 100%, "+" or "-"
- Echo Direct Vol and Polarity : 0 ~ 100%, "+" or "-"
- Echo Repeat : 0 ~ 80%
- Echo Predelay : 0 ~ 30ms
- Echo Time : 0 ~ 300ms
- Effect debug mode
Effect settings can be saved (1 ~ 6). P1 is factory setting.
- Echo LR Decay : 0 ~ 100%
- Echo Type : "Double" or "Stereo"
- Echo Stereo Ratio : 0 ~ 100%
- Echo HPF : OFF, 20.1 ~ 2040Hz
- Echo LPF : OFF, 19.7 ~ 20200Hz
- Rvb HPF : OFF, 20.1 ~ 2040Hz
- Rvb LPF : OFF, 19.7 ~ 20200Hz
- Rvb Effect Vol and Polarity : 0 ~ 100%, "+" or "-"
- Rvb Direct Vol and Polarity : 0 ~ 100%, "+" or "-"
- Rvb Predelay : 0 ~ 30ms
- Rvb Time : 315 ~ 5040ms
- Echo to Rvb : 0 ~ 100%
- Equalizer : 5 band
Echo and reverb can be set respectively.

2 Graphic Equalizer

Can be adjust visually HPF, LPF and GAIN, frequency and "Q" of 5 band EQ(Echo and Rvb).

- GAIN : -24dB - +12dB
- Frequency : 19.7Hz - 20600Hz
- Q : 0.1 - 128

MAIN SCREEN INSTRUCTION



2 Graphic Equalizer

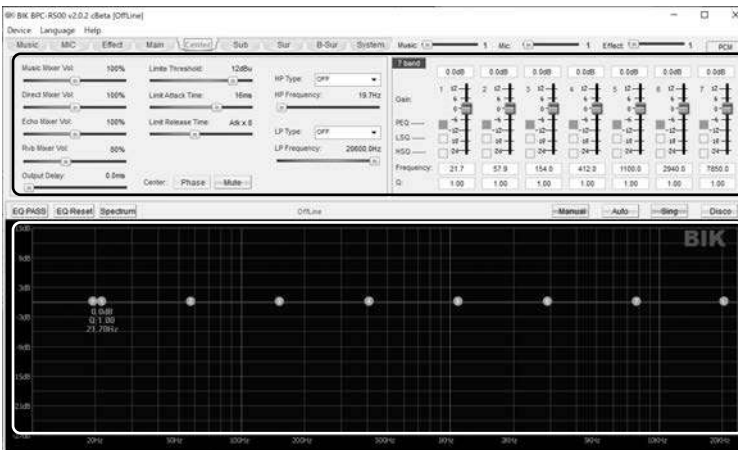
Can be adjust visually HPF, LPF and GAIN, frequency and "Q" of 7 band EQ.

- GAIN : -24dB - +12dB
- Frequency : 19.7Hz - 20600Hz
- Q : 0.1 - 128

1 Equalizer and various values Setting

- Music Mixer Vol : 0 ~ 200%
- Direct Mixer Vol : 0 ~ 200%
- Echo Mixer Vol : 0 ~ 200%
- Rvb Mixer Vol : 0 ~ 200%
- Left Delay : 0 ~ 40ms
- Limit Threshold : -25 ~ 19dBu
- Limit Attack Time : 1 ~ 90ms
- Limit Release Time : Atk x 2 ~ Atk x 32
- Right Delay : 0 ~ 40ms
- HP Type : OFF, Besell, Butterworth, Link Riley
- HP Frequency : 19.7 ~ 20600Hz
- LP Type : OFF, Besell, Butterworth, Link Riley
- LP Frequency : 19.7 ~ 20600Hz
- Mute : "L" and "R"
- Phase : "L" and "R"
- Equalizer : 7 band

CENTER SCREEN INSTRUCTION



2 Graphic Equalizer

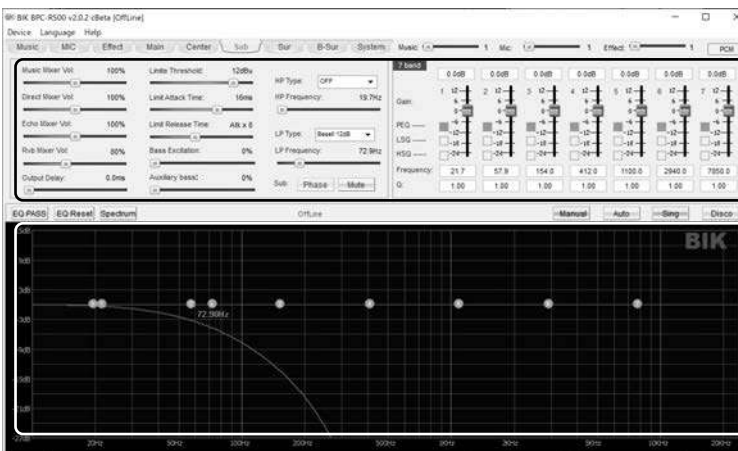
Can be adjust visually HPF, LPF and GAIN, frequency and "Q" of 7 band EQ.

- GAIN : -24dB - +12dB
- Frequency : 19.7Hz - 20600Hz
- Q : 0.1 - 128

1 Equalizer and various values Setting

- Music Mixer Vol : 0 ~ 200%
- Direct Mixer Vol : 0 ~ 200%
- Echo Mixer Vol : 0 ~ 200%
- Rvb Mixer Vol : 0 ~ 200%
- Output Delay : 0 ~ 40ms
- Limit Threshold : -25 ~ 19dBu
- Limit Attack Time : 1 ~ 90ms
- Limit Release Time : Atk x 2 ~ Atk x 32
- HP Type : OFF, Besell, Butterworth, Link Riley
- HP Frequency : 19.7 ~ 20600Hz
- LP Type : OFF, Besell, Butterworth, Link Riley
- LP Frequency : 19.7 ~ 20600Hz
- Mute : "Center"
- Phase : "Center"
- Equalizer : 7 band

SUBWOOFER SCREEN INSTRUCTION



2 Graphic Equalizer

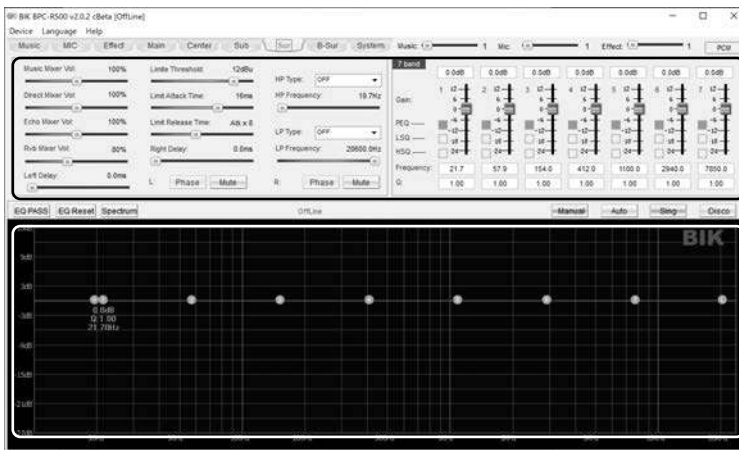
Can be adjust visually HPF, LPF and GAIN, frequency and "Q" of 7 band EQ.

- GAIN : -24dB - +12dB
- Frequency : 19.7Hz - 20600Hz
- Q : 0.1 - 128

1 Equalizer and various values Setting

- Music Mixer Vol : 0 ~ 200%
- Direct Mixer Vol : 0 ~ 200%
- Echo Mixer Vol : 0 ~ 200%
- Rvb Mixer Vol : 0 ~ 200%
- Output Delay : 0 ~ 40ms
- Limit Threshold : -25 ~ 19dBu
- Limit Attack Time : 1 ~ 90ms
- Limit Release Time : Atk x 2 ~ Atk x 32
- Bass Excitation : 0 ~ 100%
- Auxiliary bass : 0 ~ 100%
- HP Type : OFF, Besell, Butterworth, Link Riley
- HP Frequency : 19.7 ~ 20600Hz
- LP Type : OFF, Besell, Butterworth, Link Riley
- LP Frequency : 19.7 ~ 20600Hz
- Mute : "Sub"
- Phase : "Sub"
- Equalizer : 7 band

SURROUND SCREEN INSTRUCTION



1 Equalizer and various values Setting

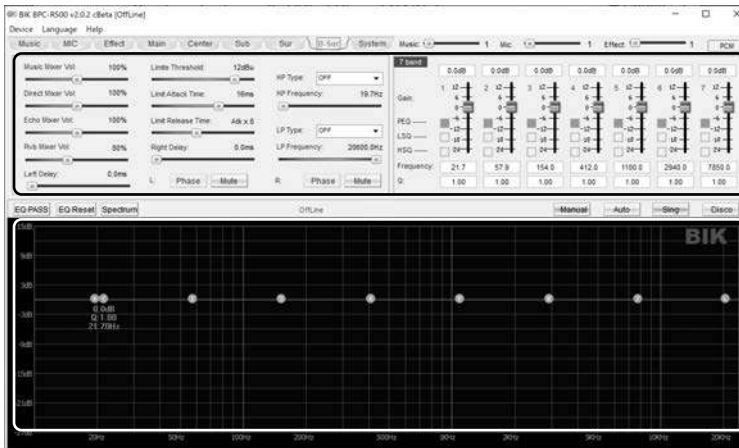
- Music Mixer Vol : 0 ~ 200%
- Direct Mixer Vol : 0 ~ 200%
- Echo Mixer Vol : 0 ~ 200%
- Rvb Mixer Vol : 0 ~ 200%
- Left Delay : 0 ~ 40ms
- Limit Threshold : -25 ~ 19dBu
- Limit Attack Time : 1 ~ 90ms
- Limit Release Time : Atk x 2 ~ Atk x 32
- Right Delay : 0 ~ 40ms
- HP Type : OFF, Besell, Butterworth, Link Riley
- HP Frequency : 19.7 ~ 20600Hz
- LP Type : OFF, Besell, Butterworth, Link Riley
- LP Frequency : 19.7 ~ 20600Hz
- Mute : "L" and "R"
- Phase : "L" and "R"
- Equalizer : 7 band

2 Graphic Equalizer

Can be adjust visually HPF, LPF and GAIN, frequency and "Q" of 7 band EQ.

- GAIN : -24dB - +12dB
- Frequency : 19.7Hz - 20600Hz
- Q : 0.1 - 128

BACK SURROUND SCREEN INSTRUCTION



1 Equalizer and various values Setting

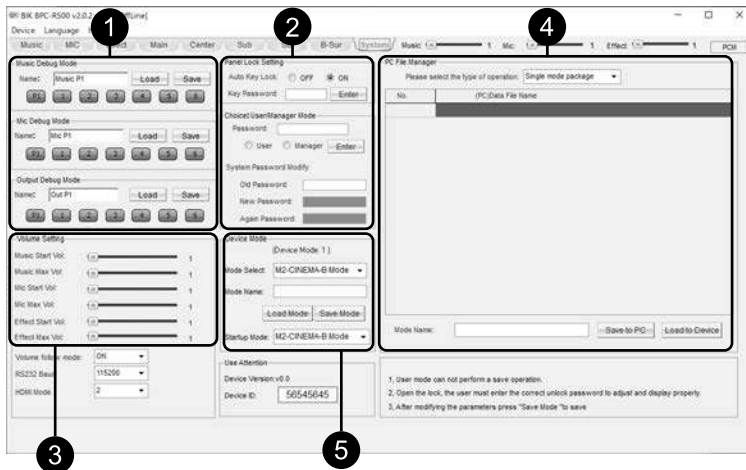
- Music Mixer Vol : 0 ~ 200%
- Direct Mixer Vol : 0 ~ 200%
- Echo Mixer Vol : 0 ~ 200%
- Rvb Mixer Vol : 0 ~ 200%
- Left Delay : 0 ~ 40ms
- Limit Threshold : -25 ~ 19dBu
- Limit Attack Time : 1 ~ 90ms
- Limit Release Time : Atk x 2 ~ Atk x 32
- Right Delay : 0 ~ 40ms
- HP Type : OFF, Besell, Butterworth, Link Riley
- HP Frequency : 19.7 ~ 20600Hz
- LP Type : OFF, Besell, Butterworth, Link Riley
- LP Frequency : 19.7 ~ 20600Hz
- Mute : "L" and "R"
- Phase : "L" and "R"
- Equalizer : 7 band

2 Graphic Equalizer

Can be adjust visually HPF, LPF and GAIN, frequency and "Q" of 7 band EQ.

- GAIN : -24dB - +12dB
- Frequency : 19.7Hz - 20600Hz
- Q : 0.1 - 128

SYSTEM SCREEN INSTRUCTION



1 Debug Mode (MUSIC, MIC and OUTPUT)

Each settings can be saved (1 ~ 6).
P1 is factory setting.

2 Password Manager

Can be enter the default password“123456” and log in with administrator privileges.
The administrator can lock each setting value so that it cannot be changed.

※Can be change new password.

Auto Key Lock default password : “1234”

3 Volume Setting

Can be set a “Start Volume” and “Max Volume” of Music, MIC and Effect.

- Music Start Vol : 0 - 100
- Music Max Vol : 0 - 100
- Mic Start Vol : 0 - 100
- Mic Max Vol : 0 - 100
- Effect Start Vol : 0 - 100
- Effect Max Vol : 0 - 100

4 PC File Manager

Each setting can be saved in PC memory and the saved value can be recalled.
Can be change the name freely and save it in any folder.

- Save to PC : Save to PC with the Original name.
- Load to Device : Loads each setting value from BPC-R500.

5 Device Mode

Each setting can be saved in mode memory and the saved value can be recalled.

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 .	<ul style="list-style-type: none"> ● The power cord is not connected. 	<ul style="list-style-type: none"> ● Connect the power cord to AC outlet.
Power ON, but no sound.	<ul style="list-style-type: none"> ● 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. 	<ul style="list-style-type: none"> ● 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.	<ul style="list-style-type: none"> ● Output level of audio component is set to minimum. 	<ul style="list-style-type: none"> ● Adjust it to suitable position.
No microphone sound but playback the music sound.	<ul style="list-style-type: none"> ● Microphone switch is to "OFF". ● The microphone cord broken. ● Microphone plug is not connected. 	<ul style="list-style-type: none"> ● Set it to "ON". ● Repair or replace it. ● Connect it correctly.
Without echo.	<ul style="list-style-type: none"> ● Effect volume is minimum. 	<ul style="list-style-type: none"> ● Adjust the Effect volume.
No sound at a HDMI ARC connection.	<ul style="list-style-type: none"> ● A connection of a HDMI cord is loose. ● Incorrect input selection. 	<ul style="list-style-type: none"> ● Connect it correctly once again. ● Select the correct input.
Noize out of microphone	<ul style="list-style-type: none"> ● Obstacle wave is disturbing? 	<ul style="list-style-type: none"> ● Set another channel.

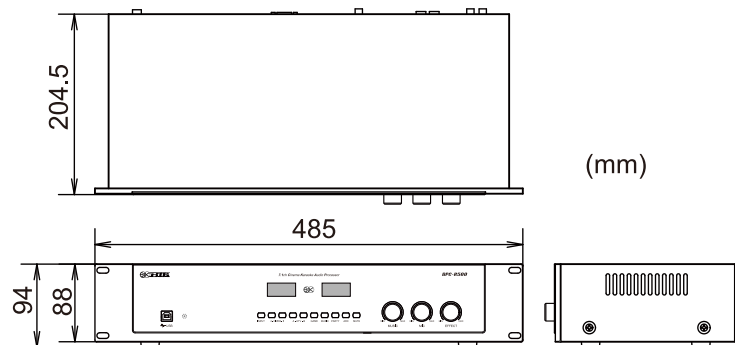
SPECIFICATIONS

Frequency Response	20Hz - 20kHz
Total harmonic Distortion	0.07% (max)
Music RCA Input (L / R)	
Sensitivity	460 mV
Input impedance	47 kΩ
Music XLR Input (L / R)	
Sensitivity	1.1 V
Input impedance	10 kΩ
Microphone input (MIC 1 / 2)	
Sensitivity	35 mV
Input impedance	47 kΩ
Output	
MAIN OUT (L/R)	3.4 V
CENTER OUT	3.4 V
SUB-WOOFER OUT	3.4 V
SURROUND OUT (L/R)	3.4 V
B-SURROUND OUT (L/R)	3.4 V
REC OUT	0.6 V
Key Control	15 steps
MIC Feedback	3 steps
Audio Input	
BGM, VOD	unbalance input
XLR	balance input
Bluetooth	
HDMI	4 port
HDMI ARC	1 port
OPTICAL	1 port
COAXIAL	1 port

- Design and specifications subject to change without notice.

Equalizer	
Music	9 band
MIC	16 band
Echo	5 band
Reverb	5 band
Main	7 band
Center	7 band
Subwoofer	7 band
Surround	7 band
B-Surround	7 band
Power supply, Others	
Power Voltage	100V - 250V 50/60Hz
Power consumption	25 W
Dimensions (W X H X D)	485 X 94 X 204.5 mm
Weight	3.6 kg
Accessories	
Owner's manual	1
Remote Controller	1
Power Cable	1



- Design and specifications subject to change without notice.



目录	安全注意事项	11	硬件操作	13	故障分析处理	18
	各部分的功能及名称	11	软件操作	14	产品规格	19
	连接方法	13				

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

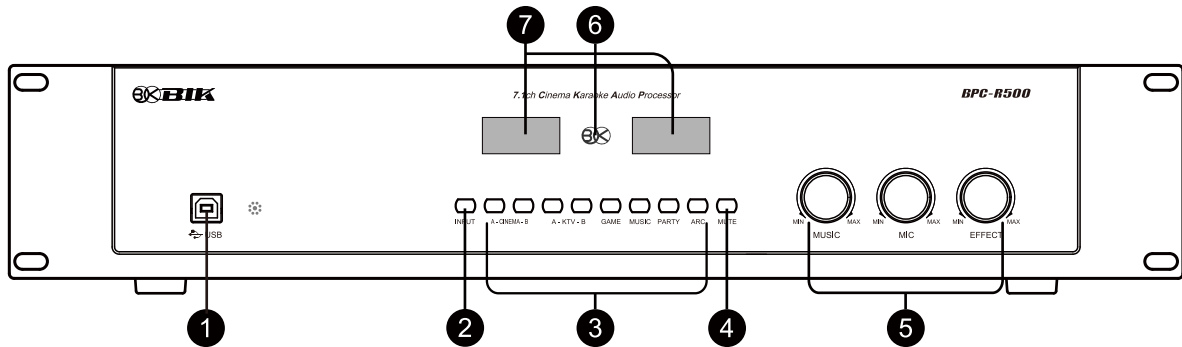
- 在使用时、如果有冒烟、异味、异音等异常现象发生、为避免发生火灾、触电现象等、请立即切断本机电源、然后拔下AC电源插头。确认没有再冒烟后、到贩卖店进行修理。
- 在使用时如有水或异物等混入机体内、首先切断机体电源、然后拔下电源插头。请尽快与经销商联系、进行修理。
- 在未进行维修的状态下使用、会引起火灾、触电现象等问题。
- 请勿分解、改装本机器、会引起火灾、触电、故障等现象。绝对不可以打开本机器的外壳、会引起触电事故。内部的检查、修理等请委托经销商。
- 请勿在浴室内使用、会引起火灾、触电等现象。
- 请防止机器进水或使机器受潮、会引起火灾、触电等现象。
- 电源插头不要插入电压（AC100V - 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。

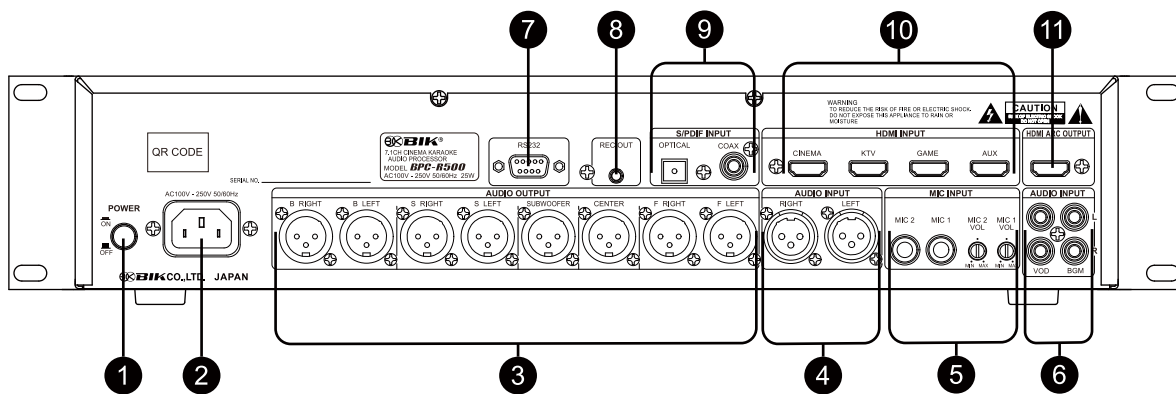
各部分的功能及名称

前面板



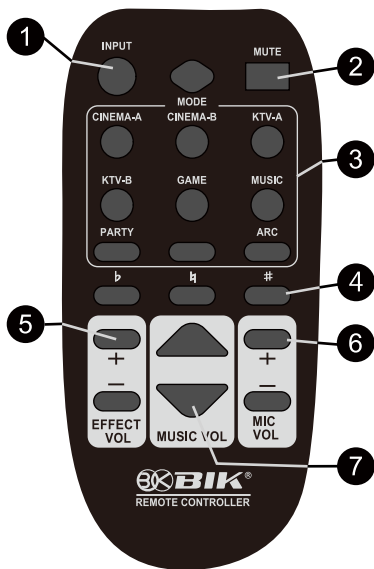
- | | |
|--|--|
| <p>1 USB端子
电脑接口。</p> <p>2 输入切换按键
按此按键的时候会依据AUTO, BGM, VOD, OPTI, CINEMA, KTV, GAME, AUX, ARC, COAX, BLUE, XLR.的顺序切换信号。</p> <p>3 模式调节
按下按钮来改变音乐模式。</p> <p>4 静音</p> <p>5 音量调节
音乐、麦克风、效果的音量调节旋钮。</p> | <p>6 电源指示灯
电源打开时亮起。</p> <p>7 显示屏</p> |
|--|--|

后背板



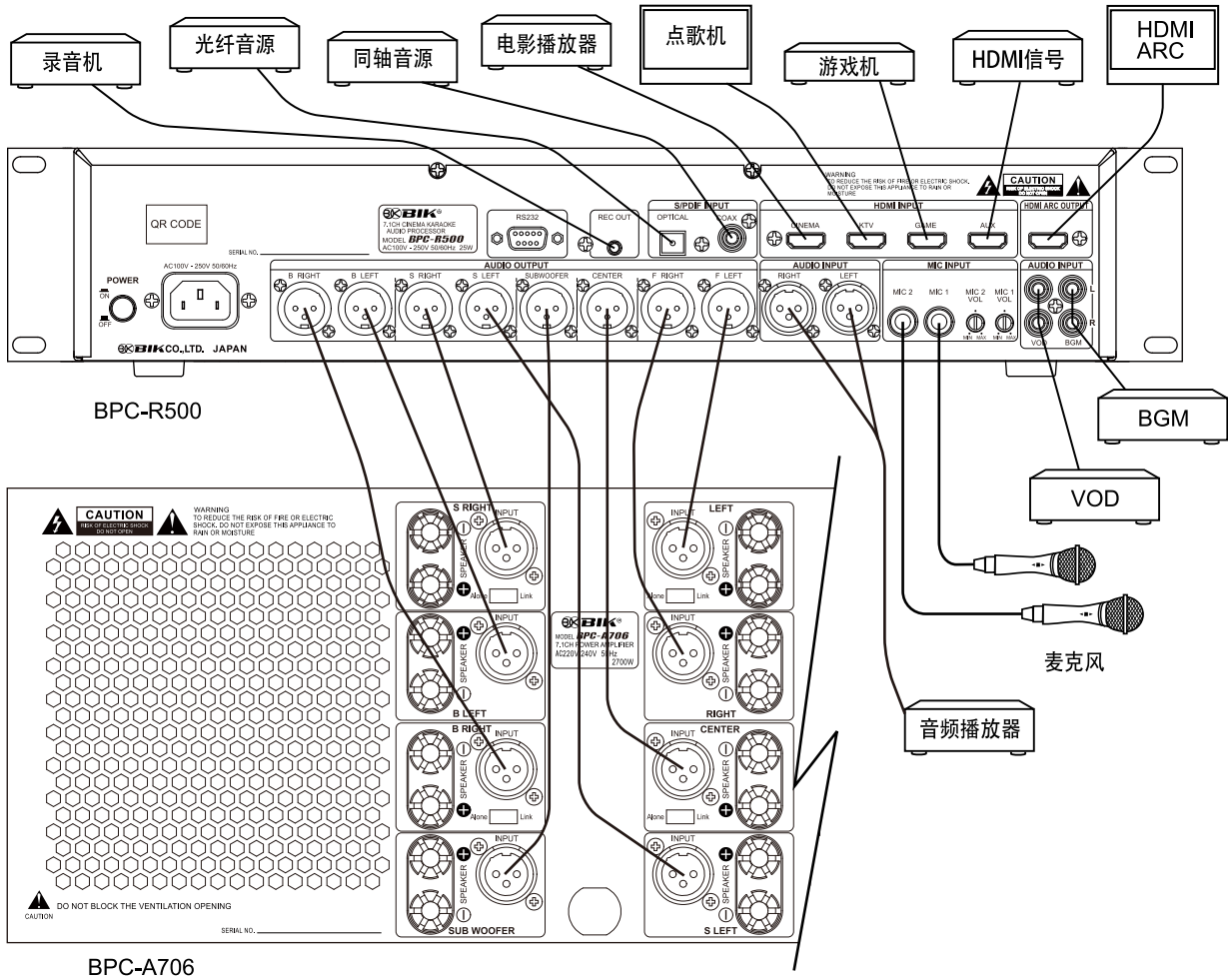
- 1 电源开关**
按一下ON、再按即为OFF
- 2 电源线插座**
电源电压 AC 100 - 250V 50/60Hz
- 3 音频信号输出端子(XLR)**
主输出, 中置, 低音, 环绕和后环绕
- 4 音频信号输入端子(XLR)**
- 5 麦克风输入端子, 输入音量调节旋钮**
连接MIC-1, MIC-2 和调节输入音量
- 6 音频信号输入端子(BGM, VOD)**
- 7 RS232端子**
- 8 录音信号输出端子**
- 9 数字信号输入端子(光纤, 同轴)**
- 10 HDMI 输入端子**
- 11 HDMI ARC 输出端子**

遥控器



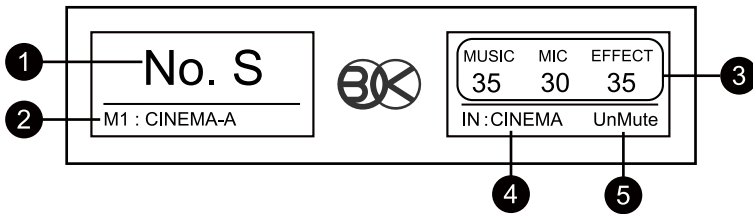
- 1 切换音源输入**
按此按键的时候会依据AUTO, BGM, VOD, OPTI, CINEMA, KTV, GAME, AUX, ARC, COAX, BLUE, XLR 的顺序切换信号。
- 2 静音**
- 3 模式调节**
按下按钮来改变音乐模式。
- 4 声调调节**
b: 降调
#: 升调
h: 复原
- 5 效果音量调节**
- 6 麦克风音量调节**
- 7 音乐音量调节**

连接方法



硬件操作

主界面



- 1 输入信号显示**
 - 模拟信号：PCM.S
 - 数字信号：AC3.S
 - 无信号：No.S
- 2 音效模式显示**

显示当前选择的模式。
- 3 音量显示**
 - Music音乐：0 - 100
 - Mic话筒：0 - 100
 - Effect效果：0 - 100
- 4 输入显示**

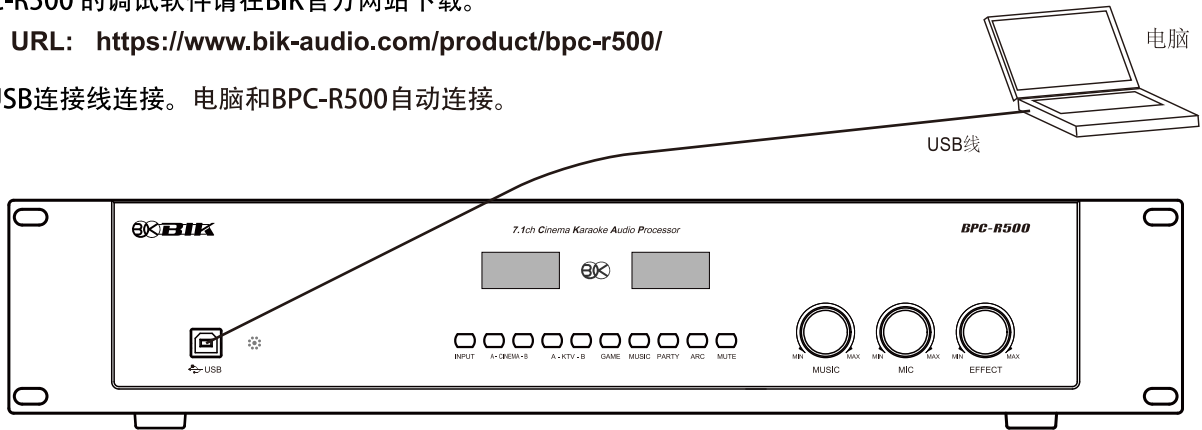
显示当前选择的输入信号。
- 5 静音显示**

软件操作

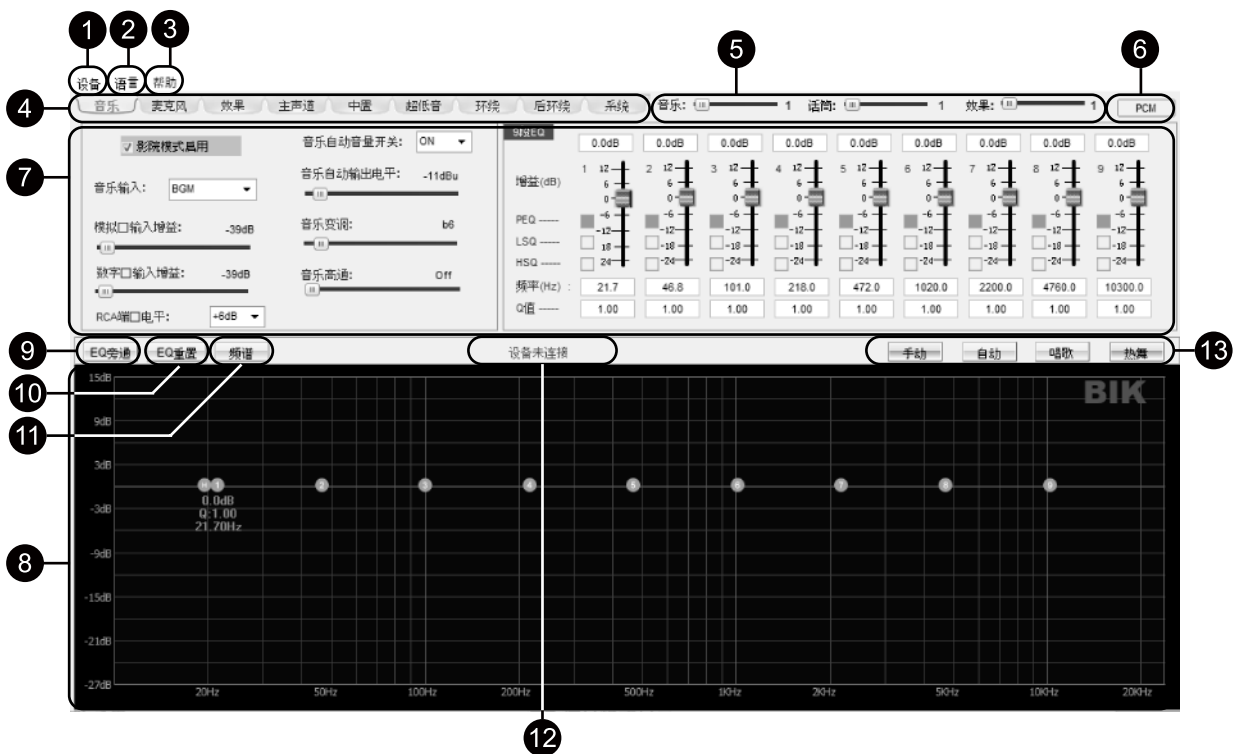
1. BPC-R500 的调试软件请在BIK官方网站下载。

※ URL: <https://www.bik-audio.com/product/bpc-r500/>

2. 用USB连接线连接。电脑和BPC-R500自动连接。



主输出界面操作



1 设备菜单

- 联机: 连接电脑和BPC-R500
- 断开: 断开电脑和BPC-R500的连接
- 网络设置: 设置协议格式, IP地址/端口
- 导入设备文件: -----
- 退出: 退出程序

2 语言

- 英语: 切换成英文界面
- 中文: 切换成中文界面

3 帮助

- 关于: 可以确认软件版本
- 恢复出厂参数: 恢复出厂设置

4 菜单选项

每个选项下都可单独设置

5 音乐、麦克风和效果主音量

- 音乐: 0 - 100
- 话筒: 0 - 100
- 效果: 0 - 100

6 信号格式显示

- 模拟输入信号: PCM.S
- 数字信号: AC3.S

7 详细设置

各个选项下的详细设置

8 图形均衡器

均衡器可以在每个菜单选项中进行调整。

9 EQ 旁通

不通过均衡器设置

10 EQ 重置

将均衡器设置重置为默认值。

11 频谱

显示频谱

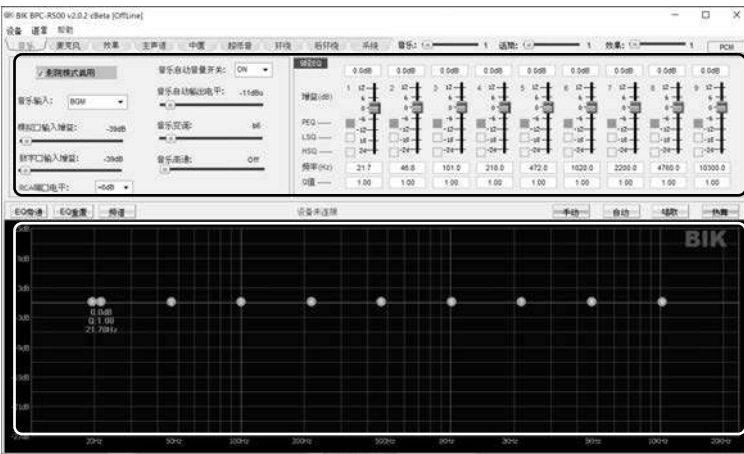
12 连接电脑

- 设备已连接
- 设备未连接

13 热舞模式

设置为自动时, 会根据麦克风信号的有无自动切换唱歌/热舞
可设置为手动切换。

音乐界面操作



1 调整配置均衡器和各种项目

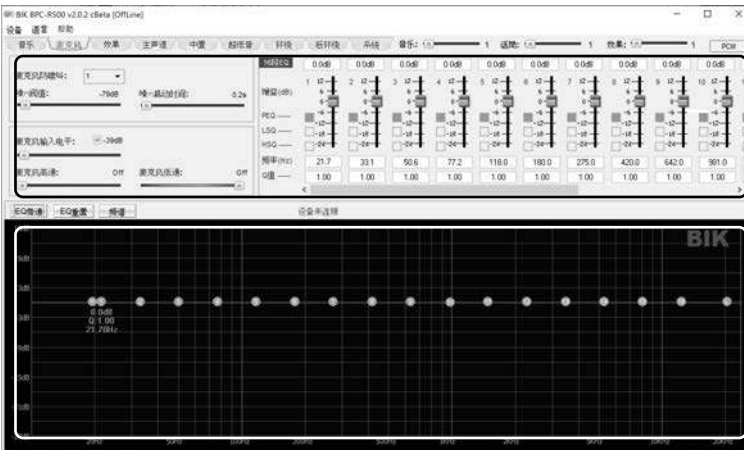
- 影院模式启用
将模拟信号转换为虚拟 5.1 声道。
K歌模式下，不建议打开此功能。
- 模拟输入增益：OFF, -39 ~ +6dB
- 数字输入增益：OFF, -39 ~ +6dB
- RCA端口电平：0 / +6dB
- 音乐自动音量开关
自动音量控制。
- 音乐自动输出电平：-12 ~ +6dBu
- 音乐变调：b7 - OFF - #7
- 音乐高通：OFF, 20.1 ~ 309Hz
- 频段：9 段

2 图形均衡器

9个带均衡器的HPF和GAIN、频率和Q值可以调节。

- 增益：-24dB - +12dB
- 频率：19.7Hz - 20600Hz
- Q：0.1 - 128

麦克风界面操作



1 调整配置均衡器和各种项目

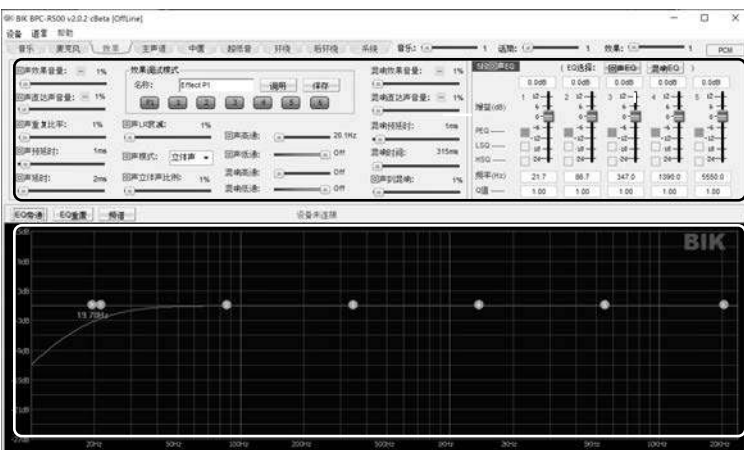
- 麦克风防啸叫：OFF, 1 ~ 3
- 噪声门阈值：OFF, -79dB ~ -50dB
- 噪声门启动时间：0.1 ~ 10.0s
- 麦克风输入电平：OFF, -39 ~ +6dB
- 麦克风输入极性：“+” / “-”
- 麦克风高通：OFF, 20.1 - 309Hz
- 麦克风低通：OFF, 19.7 ~ 20200Hz
- 频段：16 段

2 图形均衡器

16个带均衡器的HPF、LPF和GAIN、频率和Q值可以调节。

- 增益：-24dB - +12dB
- 频率：19.7Hz - 20600Hz
- Q值：0.1 - 128

效果界面操作



1 调整配置均衡器和各种项目

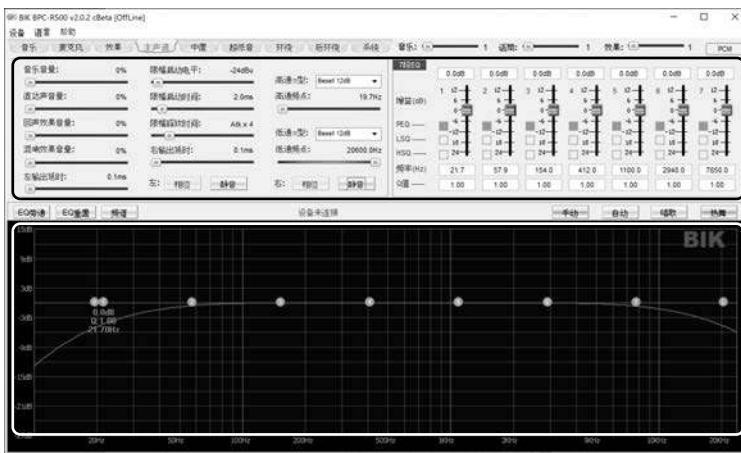
- 回声效果音量和极性：0 ~ 100%， “+” / “-”
- 回声直达声音量和极性：0 ~ 100%， “+” / “-”
- 回声重复比率：0 ~ 80%
- 回声预延时：0 ~ 30ms
- 回声延时：0 ~ 300ms
- 效果调试模式
可以保存效果设置 (1~6)。
P1 为出厂设置。
- 回声LR 衰减：0 ~ 100%
- 回声模式：“双回声” / “立体声”
- 回声立体声比例：0 ~ 100%
- 回声高通：OFF, 20.1 ~ 2040Hz
- 回声低通：OFF, 19.7 ~ 20200Hz
- 混响高通：OFF, 20.1 ~ 2040Hz
- 混响低通：OFF, 19.7 ~ 20200Hz
- 混响效果音量和极性：0 ~ 100%， “+” / “-”
- 混响直达声音量和极性：0 ~ 100%， “+” / “-”
- 混响预延时：0 ~ 30ms
- 混响时间：315 ~ 5040ms
- 回声到混响：0 ~ 100%
- 频段：5 段
回声和混响可以分别设置。

2 图形均衡器

5段均衡器的HPF、LPF、GAIN、频率、回声、混响和Q值可调节。

- 增益：-24dB - +12dB
- 频率：19.7Hz - 20600Hz
- Q：0.1 - 128

主声道界面操作



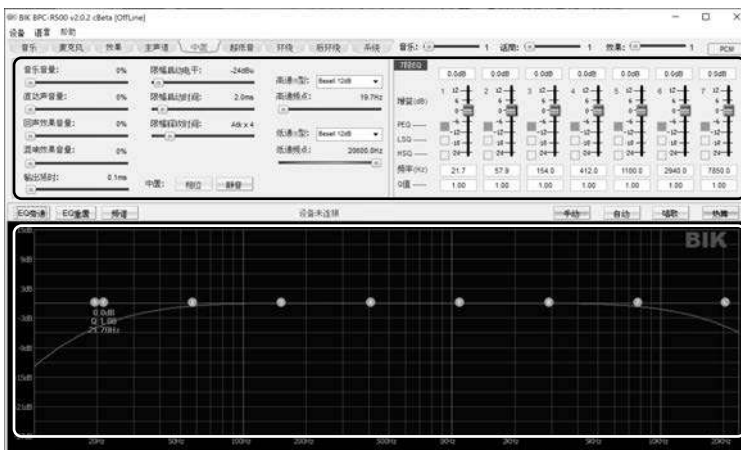
2 7个带均衡器的高通、低通和增益、频率和Q值可以调节。

- 增益：-24dB - +12dB
- 频率：19.7Hz - 20600Hz
- Q：0.1 - 128

1 调整配置均衡器和各种项目

- 音乐音量：0 ~ 200%
- 直达声音量：0 ~ 200%
- 回声效果音量：0 ~ 200%
- 混响效果音量：0 ~ 200%
- 左输出延时：0 ~ 40ms
- 限幅启动电平：-25 ~ 19dBu
- 限幅启动时间：1 ~ 90ms
- 限幅释放时间：Atk x 2 ~ Atk x 32
- 右输出延时：0 ~ 40ms
- 高通类型：OFF, Besell, Butterworth, Link Riley
- 高通频点：19.7 ~ 20600Hz
- 低通类型：OFF, Besell, Butterworth, Link Riley
- 低通频点：19.7 ~ 20600Hz
- 静音：“左” / “右”
- 相位：“左” / “右”
- 频段：7 段

中置界面操作



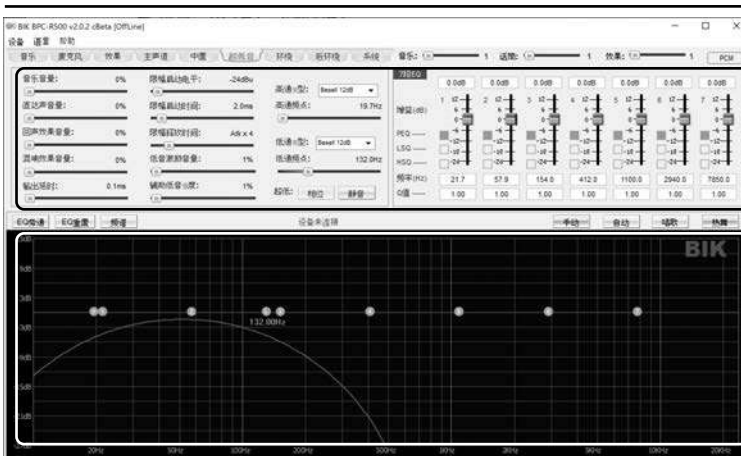
2 图形均衡器

- 7个带均衡器的高通、低通和增益、频率和Q值可以调节。
- 增益：-24dB - +12dB
 - 频率：19.7Hz - 20600Hz
 - Q：0.1 - 128

1 调整配置均衡器和各种项目

- 音乐音量：0 ~ 200%
- 直达声音量：0 ~ 200%
- 回声效果音量：0 ~ 200%
- 混响效果音量：0 ~ 200%
- 输出延时：0 ~ 40ms
- 限幅启动电平：-25 ~ 19dBu
- 限幅启动时间：1 ~ 90ms
- 限幅释放时间：Atk x 2 ~ Atk x 32
- 高通类型：OFF, Besell, Butterworth, Link Riley
- 高通频点：19.7 ~ 20600Hz
- 低通类型：OFF, Besell, Butterworth, Link Riley
- 低通频点：19.7 ~ 20600Hz
- 静音：“中置”
- 相位：“中置”
- 频段：7 段

超低音界面操作



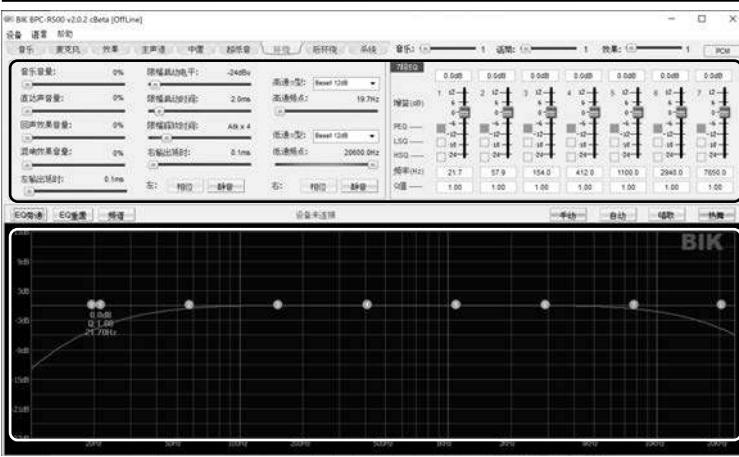
2 图形均衡器

- 7个带均衡器的高通、低通和增益、频率和Q值可以调节。
- 增益：-24dB - +12dB
 - 频率：19.7Hz - 20600Hz
 - Q：0.1 - 128

1 调整配置均衡器和各种项目

- 音乐音量：0 ~ 200%
- 直达声音量：0 ~ 200%
- 回声效果音量：0 ~ 200%
- 混响效果音量：0 ~ 200%
- 输出延时：0 ~ 40ms
- 限幅启动电平：-25 ~ 19dBu
- 限幅启动时间：1 ~ 90ms
- 限幅释放时间：Atk x 2 ~ Atk x 32
- 低音激励音量：0 ~ 100%
- 辅助低音强度：0 ~ 100%
- 高通类型：OFF, Besell, Butterworth, Link Riley
- 高通频点：19.7 ~ 20600Hz
- 低通类型：OFF, Besell, Butterworth, Link Riley
- 低通频点：19.7 ~ 20600Hz
- 静音：“超低”
- 相位：“超低”
- 频段：7 段

环绕界面操作



2 图形均衡器

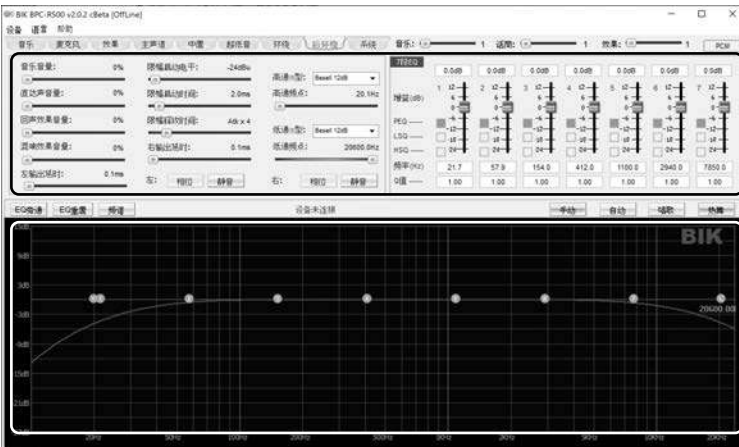
7个带均衡器的高通、低通和增益、频率和Q值可以调节。

- 增益：-24dB - +12dB
- 频率：19.7Hz - 20600Hz
- Q：0.1 - 128

1 调整配置均衡器和各种项目

- 音乐音量：0 ~ 200%
- 直达声音量：0 ~ 200%
- 回声效果音量：0 ~ 200%
- 混响效果音量：0 ~ 200%
- 左输出延时：0 ~ 40ms
- 限幅启动电平：-25 ~ 19dBu
- 限幅启动时间：1 ~ 90ms
- 限幅释放时间：Atk x 2 ~ Atk x 32
- 右输出延时：0 ~ 40ms
- 高通类型：OFF, Besell, Butterworth, Link Riley
- 高通频点：19.7 ~ 20600Hz
- 低通类型：OFF, Besell, Butterworth, Link Riley
- 低通频点：19.7 ~ 20600Hz
- 静音：“左” “右” 声道
- 相位：“左” “右” 声道
- 频段：7 段

后环绕界面操作



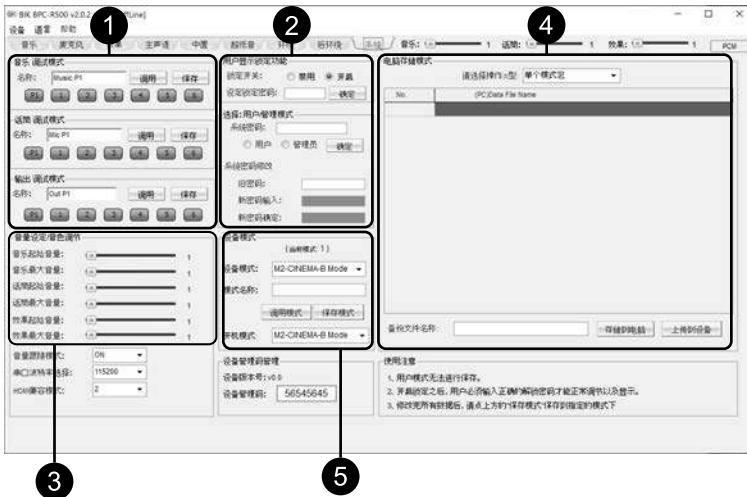
2 图形均衡器

7个带均衡器的高通、低通和增益、频率和Q值可以调节。

- 增益：-24dB - +12dB
- 频率：19.7Hz - 20600Hz
- Q：0.1 - 128

1 调整配置均衡器和各种项目

- 音乐音量：0 ~ 200%
- 直达声音量：0 ~ 200%
- 回声效果音量：0 ~ 200%
- 混响效果音量：0 ~ 200%
- 左输出延时：0 ~ 40ms
- 限幅启动电平：-25 ~ 19dBu
- 限幅启动时间：1 ~ 90ms
- 限幅释放时间：Atk x 2 ~ Atk x 32
- 右输出延时：0 ~ 40ms
- 高通类型：OFF, Besell, Butterworth, Link Riley
- 高通频点：19.7 ~ 20600Hz
- 低通类型：OFF, Besell, Butterworth, Link Riley
- 低通频点：19.7 ~ 20600Hz
- 静音：“左” “右” 声道
- 相位：“左” “右” 声道
- 频段：7 段



1 调试模式（音乐、话筒和输出）

每个设置都可以保存（1~6）。P1 为出厂设置。

2 密码管理

可以输入默认密码“123456”并以管理员权限登录。管理员可以锁定每个设置值使其无法更改。

※可以修改新密码。

自动按键锁默认密码：“1234”

3 设置最大音量和初始音量

- 音乐起始音量：0 - 100%
- 音乐最大音量：0 - 100%
- 话筒起始音量：0 - 100%
- 话筒最大音量：0 - 100%
- 效果起始音量：0 - 100%
- 效果最大音量：0 - 100%

4 保存到电脑

可以将各种设置保存在电脑上。可以调用保存的设置。设定的文件夹名称可以自由变更。

- 保存模式到电脑：可以用任意的名字保存在电脑上
- 上传模式到设备：将保存在电脑上的设定复制到硬盘上

5 储存模式

可将各种设置保存在硬件存储器中。可以调用保存的设置。设定的名字可以自由变更。

故障分析处理

如感觉有故障请根据以下方法检查。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

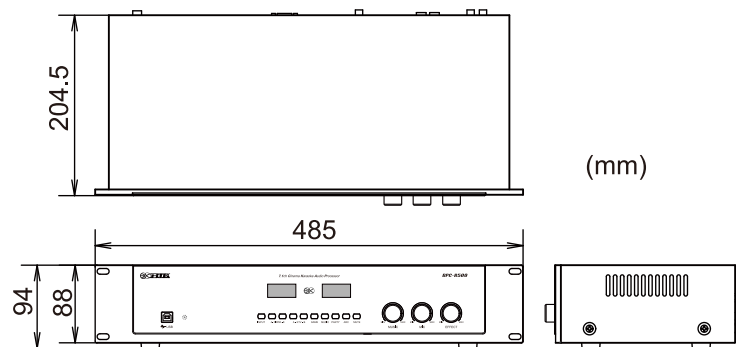
故障症状	原因	解决方法
不通电	● 电源线没有插好。	● 请插好电源插头，将旋钮调整到适当位置。
电源接通但是没有声音。	● 音乐旋钮或麦克旋钮设定在最小的位置。 ● 输入信号选择不正确。 ● 输出线与功率放大器的连接不正确。	● 调节适当的音量。 ● 请选择正确的音源信号。 ● 修正输出线与功能放大器间的连接。
接通电源、接入音乐信号，但是没有声音。	● 音量旋钮设定在最小状态。	● 设定到适当音量的位置。
有音乐声，但是麦克不出声音。	● 麦克的开关没有打开。 ● 麦克连接线有划伤损坏。 ● 麦克的插头没有连接好。	● 打开麦克风开关。 ● 修理或更换麦克风连接线。 ● 插好麦克风插头。
部分声道没有声音	● 输入信号连接方法不正确。 ● 没有声音的声道上连接的音箱线不良。	● 重新连接 ● 请重新确认音箱线的连接
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。
连接HDMI ARC、没有声音或没有图像显示	● HDMI线松动 ● HDMI线破损	● 将HDMI线插牢固 ● 更换HDMI线
无线麦克风开关没有反应	● 没装入电池 ● 电池没有电	● 请放入电池 ● 更换电池
麦克风有电源但是没有声音	● 接收器的音量旋钮是最小状态。 ● 接收器和麦克风的频道不同。	● 打开接收器的旋钮 ● 设定频道。

产品规格

频率响应范围	20Hz - 20kHz
失真度 (THD)	0.07% (max)
音乐RCA输入 (左 / 右)	
输入灵敏度	460 mV
输入阻抗	47k 欧姆
音乐XLR输入 (左 / 右)	
输入灵敏度	1.1 V
输入阻抗	10k 欧姆
麦克风输入 (MIC 1 / 2)	
麦克风输入灵敏度	35 mV
麦克风输入阻抗	47k 欧姆
效果器输出	
主输出 (左 / 右)	3.4 V
中置输出	3.4 V
超低音输出	3.4 V
环绕输出 (左 / 右)	3.4 V
后环绕输出 (左 / 右)	3.4 V
录音输出	0.6 V
音调控制范围	15 段
啸叫抑制	3 段
音乐输入	
BGM, VOD	非平衡式输入
XLR	平衡式输入
Bluetooth	
HDMI	4 个
HDMI ARC	1 个
OPTICAL	1 个
COAXIAL	1 个

均衡器	
音乐	9 段
麦克风	16 段
回声	5 段
混响	5 段
主声道	7 段
中置	7 段
超低音	7 段
环绕	7 段
后环绕	7 段
电源部分、其他	
电源电压	100V - 250V 50/60Hz
电源功耗	25 W
外形尺寸 (长×高×宽)	485 X 94 X 204.5 mm
净重	3.6 kg
附件	
使用说明书	1 个
遥控器	1 个
电源线	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。





株式会社 ビーアイケー
〒343-0856 埼玉県越谷市谷中町3丁目17-1

BIK CO.,LTD.
3-17-1 YANAKA-CHO. KOSHIGAYA-SHI. SAITAMA-KEN. 343-0856 JAPAN
TEL. +81-48-969-6533 FAX. +81-48-969-6556
URL. <https://www.bik-audio.com> Email. best-sound@bik-coltd.jp