



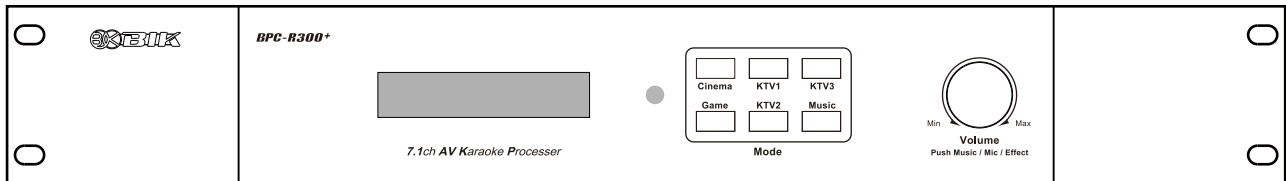
Best Sound System from Japan

# OWNER'S MANUAL

## 使用说明书

# BPC-R300+

Karaoke AV Processor  
影K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	PC SOFTWARE .....	5	PC SOFTWARE .....	6
FUNCTION AND NAME.....	2	PC SOFTWARE WINDOW .....	5	OPERATION INSTRUCTION	
CONNECTION .....	4			ANY TROUBLES ? .....	12
				SPECIFICATIONS .....	12

## 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.

 <b>WARNING</b>	This shows: Using this product with disregarding cautions might call for death or injury.
 <b>CAUTION</b>	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.

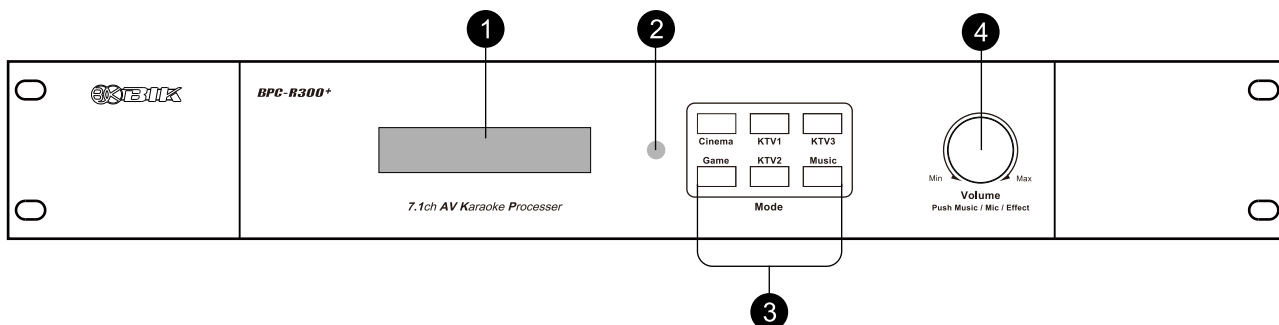
## FUNCTION AND NAME

### 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, 15 band PEQ (parameter can be adjusted and saved), optional 8 class feedback killer.
- MIC effect with master volume control, 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 predelay 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, noise gate, optional types low cut, 15 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, 4 HDMI input included.
- 7.1 channel output: L/R output, center output, surround output, Back Surround output, Sub woofer output.
- L/R output with independent volume control, mute, delay, Mixer, compressor (parameter can be adjusted), 10 band PEQ (Can be Low/high cut).
- Center output with independent volume control, mute, delay, Mixer, compressor (parameter can be adjusted), 10 band PEQ (Can be low/high cut).
- Surround output with independent volume control, mute, delay, Mixer, compressor (parameter can be adjusted), 10 band PEQ (Can be low/high cut).
- Back Surround output with independent volume control, mute, delay, Mixer, compressor (parameter can be adjusted), 10 band PEQ (Can be low/high cut).
- Sub woofer output with independent volume control, mute, delay, Mixer, 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.

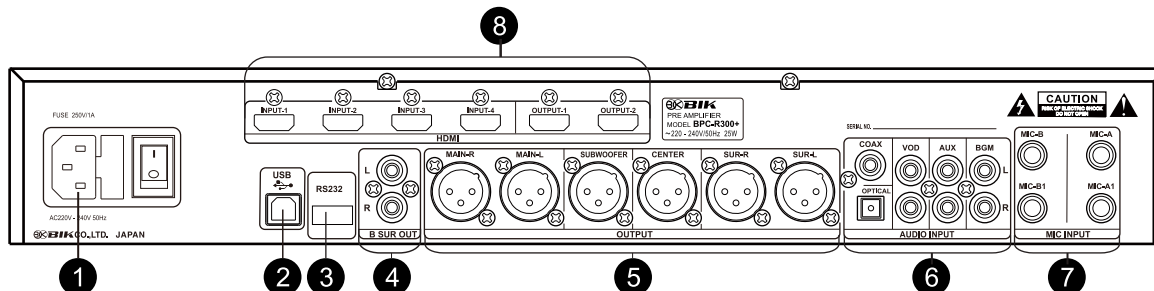
- KTV mode and CINEMA mode can be individually set up.
- HDMI switch output is available.
- Beautiful and visual PC software window, All the functions operate on the PC software.  
The software with lock function, the panel with USB port, remote distance control port on the rear panel, made the system 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



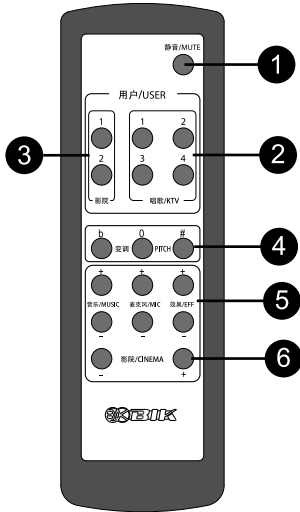
- 1 LCD Display.**  
Show all the operation menu.
- 2 IR Receiver.**
- 3 Mode Select Button.**  
To select Sound mode.
- 4 Effect / Mic / Music Master Volume.**  
Push to select the item and turn the knob to adjust.

## Rear Panel



- 1 Power Cord Socket.**  
Power input AC 220~240V, 50Hz.
- 2 USB port.**  
Connect the computer with the PC software to control the device.
- 3 RS232 port**  
Connect with VOD.
- 4 Back Surround output.**  
Connect with Power amp system.
- 5 Audio output.**  
L/R balanced output (MAIN-R and MAIN-L, SUBWOOFER, CENTER, SUR-R, SUR-L), connect with Power amp system.
- 6 Audio Input.**  
Audio input can switch to VOD, AUX, BGM, Optical, Coaxial Manually, switch among VOD and AUX, BGM when choose Automatical.
- 7 Mic input. (MIC A/A1/B/B1)**  
A1, B1 is MIC A and B parallel input channel, can connect with 2 different microphone input.
- 8 HDMI input and output.**  
HDMI switch output is available.

# Remote Control

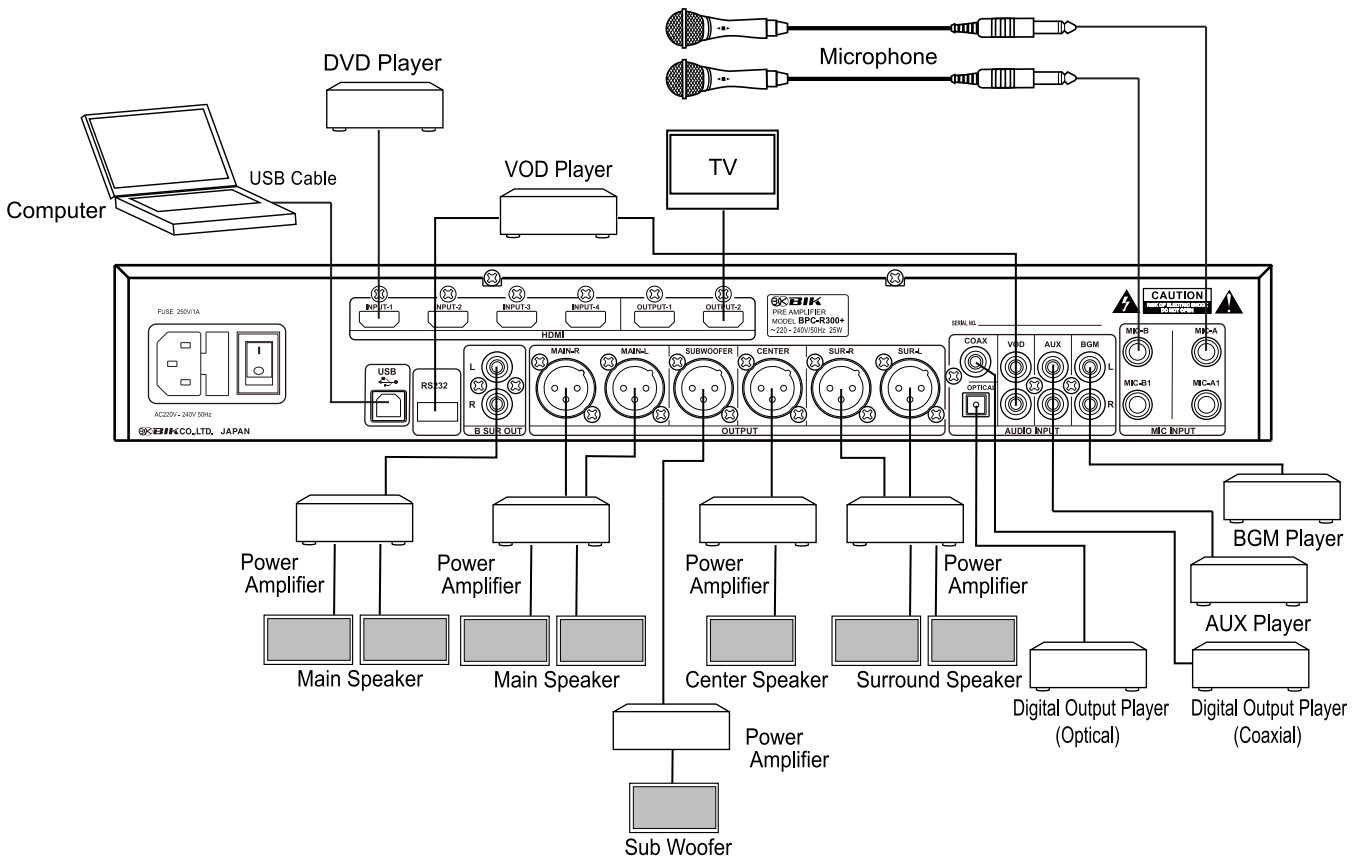


- 2 User Preset Mode Switch Button.(KTV Mode)**  
U01-U04 is user preset mode, you can recall any mode to use.
- 3 User Preset Mode Switch Button.(CINEMA Mode)**  
U01-U02 is user preset mode, you can recall any mode to use.
- 4 Key Control Button.**  
For adjusting musical tone, up or down.  
b : To make it down  
# : To make it up  
0 : Make it to Original.
- 5 Volume Control Button.**  
Adjust Music, Effect (Echo) and Mic volume.
- 6 All Volume Control Button. (CINEMA Mode)**  
Adjust all volume (Music, Effect, Mic)

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

## CONNECTION

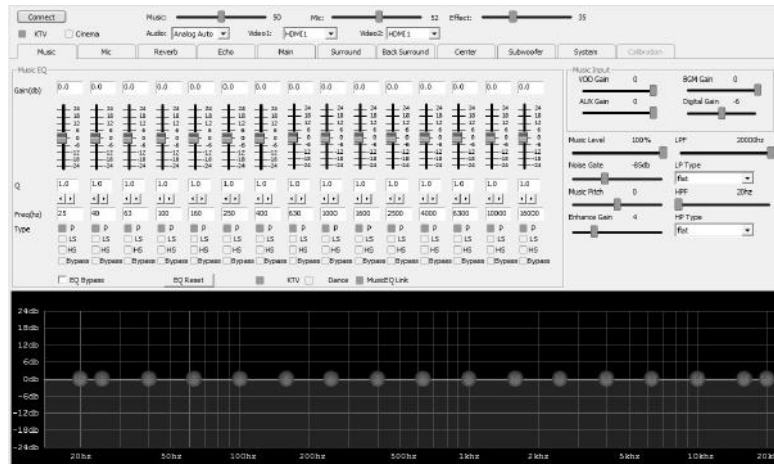
USB Cable



## PC SOFTWARE

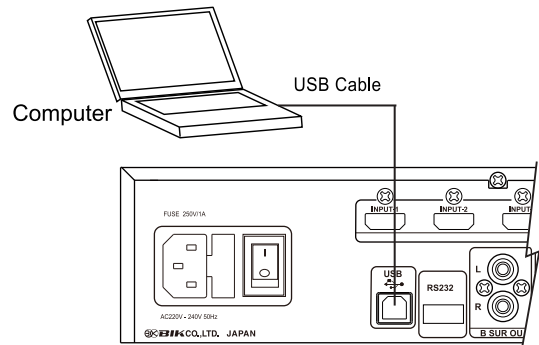
Please download “BPC-R300+ PC SOFTWARE” from BIK home page.

※ URL: <http://www.bik-audio.com/product/bpc-r300plus/>



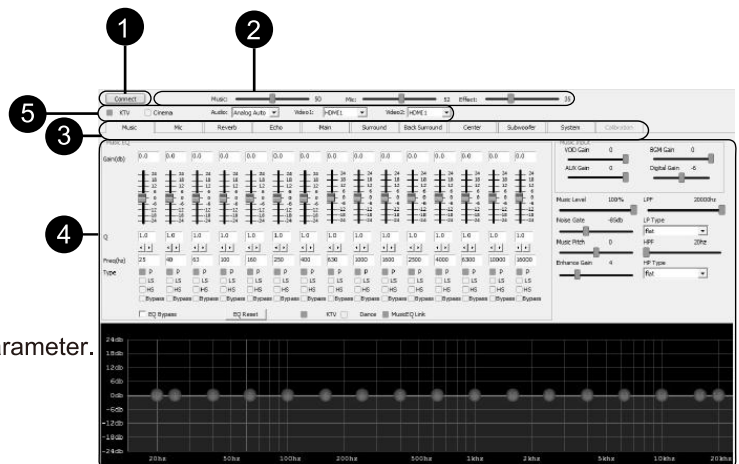
### 1. How to connect USB cable?

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



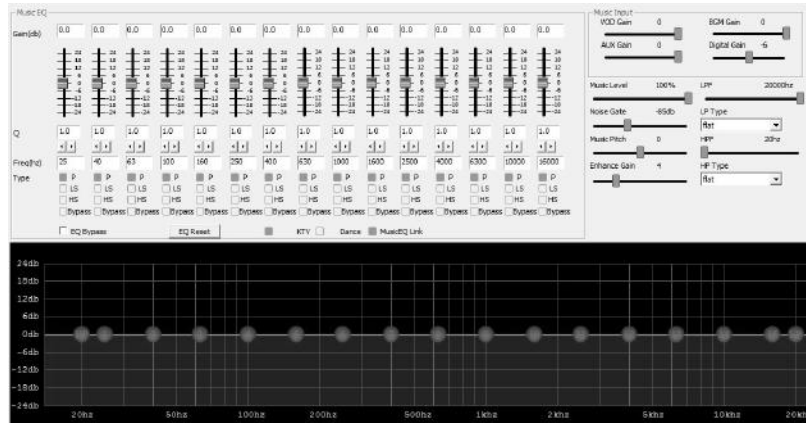
## PC SOFTWARE WINDOW

- 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
- 5 Mode screen**  
 Set the needed channel parameter, and select Input source.



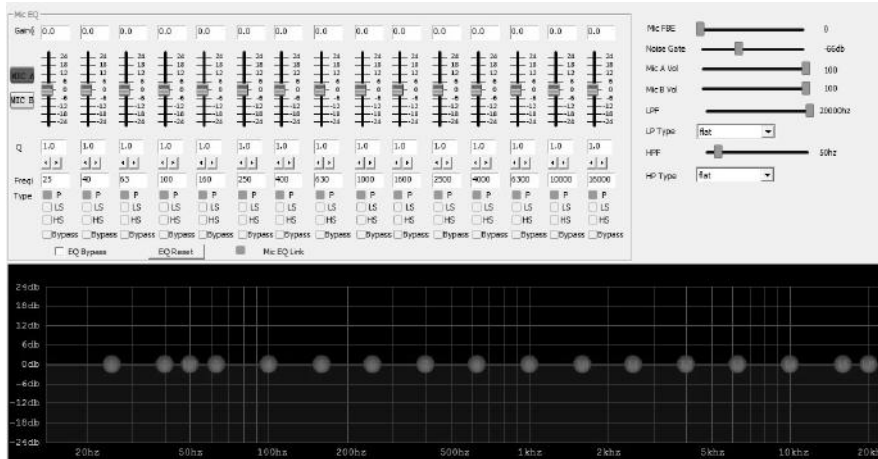
# PC SOFTWARE OPERATION INSTRUCTION

## MUSIC MENU



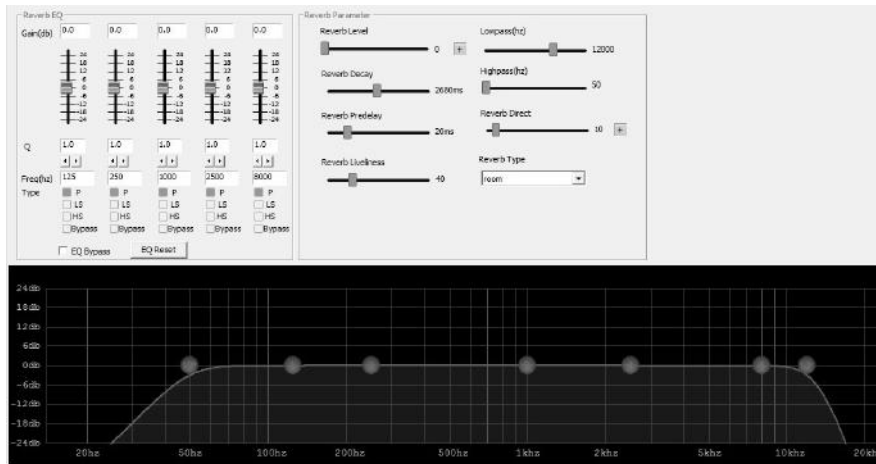
- 1 **MUSIC INPUT**  
Audio input can be chosen from VOD, AUX, BGM, OPTICAL, COAXIAL, and VOD, BGM, or AUX input can be automatically switched.
- 2 **INPUT GAIN**  
Adjust Gain of VOD and AUX, BGM,DIGITAL. (RANGE:-12~0dB, Step:1dB)
- 3 **MUSIC EQ**  
Adjust Music EQ. (BAND:1~15, FREQUENCY:20~20000Hz) (TYPE:PEQ/LS/HS/Bypass, GAIN:-24dB~+24dB) (RANGE:0.5~100, LSEQ/HSEQ:RANGE:0.5~2)
- 4 **MUSIC LEVEL**  
Adjust Music Level.(RANGE:0~100%)
- 5 **NOISE GATE**  
Adjust Noise Gate.(OFF,-99~ -59dB)
- 6 **MUSIC PITCH**  
Adjust music tone control.(b1~b7, 0, # 1~#7)
- 7 **ENHANCE GAIN**  
Adjust Enhance Gain.(GAIN:0~16)
- 8 **MUSIC HIGHPASS**  
Adjust HP filter frequency and style. (FREQUENCY:20~20kHz) (FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)
- 9 **MUSIC LOWPASS**  
Adjust LP filter frequency and style. (FREQUENCY:20~20kHz) (FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)

## MIC MENU



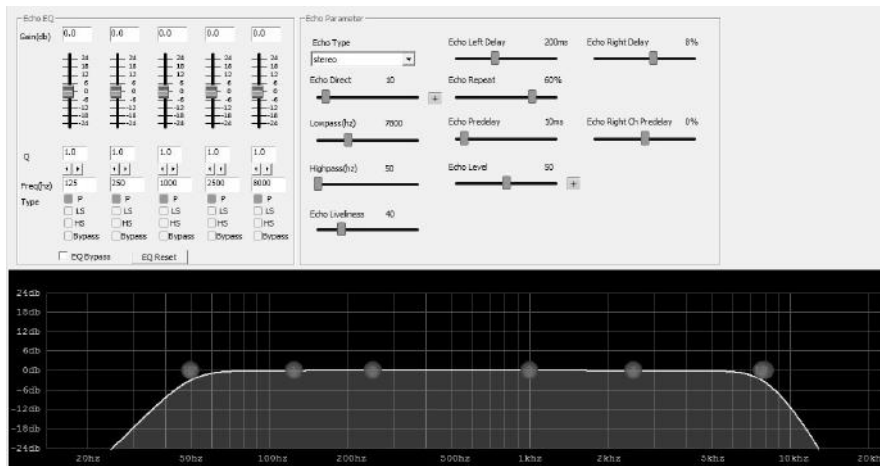
- 1 **MIC FBE LEVEL**  
8 class feedback killer selection.The more setting value higher, the more feedback control higher. (0 : OFF,)
- 2 **MIC NOISE GATE**  
Adjust Mic noise gate.Signal lower than setting level gradually declines. (OFF, -80dB ~ -40dB)
- 3 **MIC A/B VOLUME**  
Adjust Mic A/B volume. (RANGE:0 ~ 100)
- 4 **MIC1/2 EQ LINK**  
(OFF, ON:Link)
- 5 **MIC HIGHPASS**  
Adjust HP filter frequency and style. (FREQUENCY:20~20kHz) (FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)
- 6 **MIC LOWPASS**  
Adjust LP filter frequency and style. (FREQUENCY:20~20kHz) (FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)
- 7 **MIC EQ**  
Adjust MIC EQ. (BAND:1~15, FREQUENCY:20~20000Hz) (TYPE:PEQ/LS/HS/Bypass, GAIN:-24dB~+24dB) (RANGE:0.5~100, LSEQ/HSEQ:RANGE:0.5~2)

## REVERB MENU



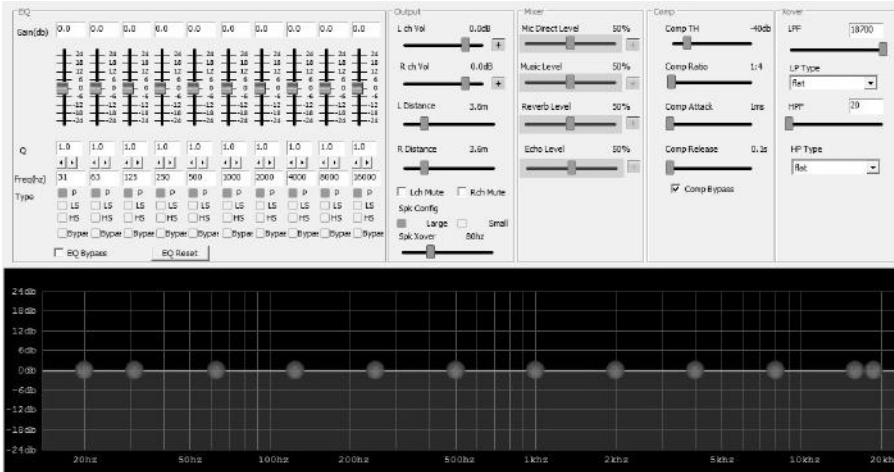
- 1 **REV LEVEL**  
Adjust reverb level and polarity. (RANGE:0 ~ 100, "+" or "-")
- 2 **REV TYPE**  
Set Reverb type. (HALL/ROOM/PLATE)
- 3 **REV DECAY**  
Adjust decay time. The more setting value higher, the longer time noises decline take. (RANGE:500~5000ms)
- 4 **REV PREDELAY**  
Adjust predelay time. (RANGE:0~100ms)
- 5 **REV DIRECT**  
Adjust direct level and polarity. (RANGE:0 ~ 100, "+" or "-")
- 6 **REV LIVELINESS**  
Adjust Reverb liveliness. (RANGE:20~99)
- 7 **REV HIGHPASS**  
Adjust reverb highpass filter frequency. (FREQUENCY:20~1000Hz)
- 8 **REV LOWPASS**  
Adjust reverb lowpass filter frequency. (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. (RANGE:0 ~ 100, "+" or "-")
- 2 **ECHO TYPE**  
Set the Echo type. (MONO/STEREO/DUAL)
- 3 **ECHO DELAY**  
Adjust Echo delay time. (RANGE:1~500ms)
- 4 **ECHO REPEAT**  
Adjust Echo repeat. (RANGE:0~80%)
- 5 **ECHO LEVEL**  
Adjust Echo Level and polarity. (RANGE:0~100, "+" or "-")
- 6 **ECHO PREDELAY**  
Adjust Echo predelay time. (RANGE:0~100ms)
- 7 **ECHO HIGHPASS**  
Adjust Echo highpass filter frequency. (FREQUENCY:20~1000Hz)
- 8 **ECHO LOWPASS**  
Adjust Echo lowpass filter frequency. (FREQUENCY:4000~16000Hz)
- 9 **ECHO EQ**  
Adjust Echo EQ. (BAND:1~5 / FREQUENCY:20~20kHz / TYPE:PEQ,LS,HS) (GAIN:-24dB~+24dB / BANDWIDTH: 0.4~99.9)
- 10 **ECHO LIVELINESS**  
Adjust Echo Liveliness.(RANGE:20~99)

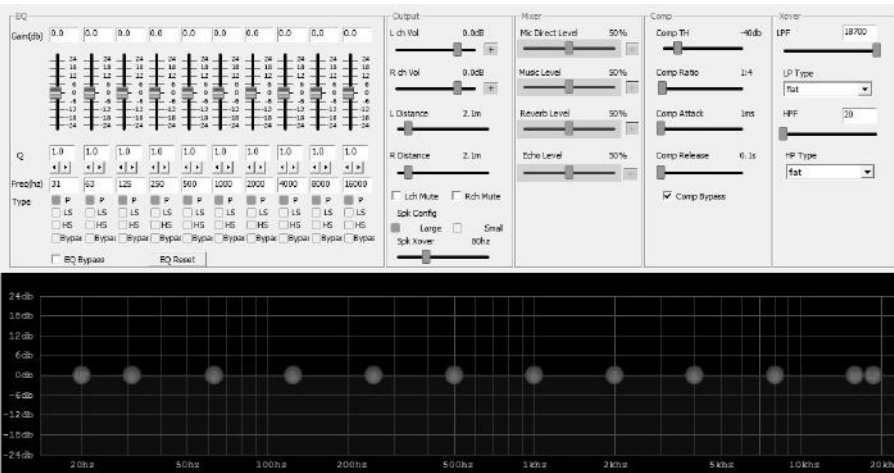
## MAIN MENU



- 1 **MAIN VOL**  
Adjust volume and polarity.  
(L/R : RANGE:OFF, -37~12dB, "+" or "-")
- 2 **MAIN DELAY (KTV Mode)**  
Adjust delay time.  
(L DELAY/ R DELAY, 0 ~ 50ms)
- 3 **MAIN Distance (CINEMA Mode)**  
Adjust Distance of L/R Speaker.  
(L Distance / R Distance, 0 ~ 15m)
- 4 **MAIN MUTE**  
Control mute or unmute of output.  
(L MUTE/ R MUTE)

- 5 **MAIN MIXER**  
Adjust Mic, Music, Reverb, Echo volume and polarity.  
(RANGE:0 ~ 100%, "+" or "-")
- 6 **MAIN COMP SET**  
Adjust Threshold and Ratio, Attack, Release.  
(-50dB ~ 0dB / 1:2 ~ 1:100 / 1 ~ 90ms / 0.1 ~ 2.5s)
- 7 **MAIN COMP**  
(OFF, ON:Check)
- 8 **MAIN HIGHPASS**  
Adjust highpass filter frequency.  
(FREQUENCY:20~20kHz)  
(FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)
- 9 **MAIN LOWPASS**  
Adjust reverb lowpass filter frequency.  
(FREQUENCY:20~20kHz)  
(FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)
- 10 **MAIN EQ**  
Adjust main output EQ.  
(BAND:1~10 / FREQUENCY:20~20kHz / TYPE:PEQ, LS, HS)  
(GAIN:-24dB ~ +24dB / BANDWIDTH:0.4 ~ 99.9 )
- 11 **MAIN SPK CONFIG**  
Select the size of the speaker unit to be connected,  
and set the crossover frequency.  
(UNIT SIZE:Large or Small)  
(XOVER FREQUENCY:0 ~ 248Hz)

## SURROUND MENU

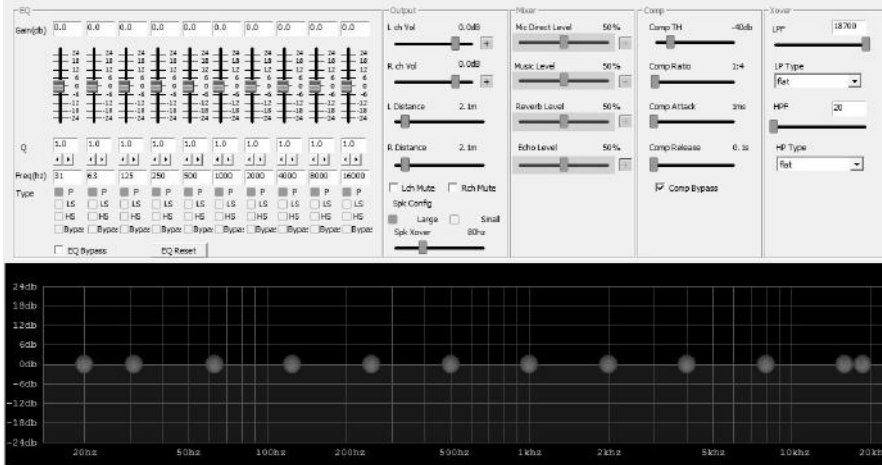


- 1 **SURROUND VOL**  
Adjust volume and polarity.  
(L/R : RANGE:OFF, -37~12dB, "+" or "-")
- 2 **SURROUND DELAY (KTV Mode)**  
Adjust delay time.  
(L DELAY/ R DELAY, 0 ~ 50ms)
- 3 **SURROUND Distance (CINEMA Mode)**  
Adjust Distance of L/R Speaker.  
(L Distance / R Distance, 0 ~ 15m)
- 4 **SURROUND MUTE**  
Control mute or unmute of output.  
(L MUTE/ R MUTE)

- 5 **SURROUND MIXER**  
Adjust Mic, Music, Reverb, Echo volume and polarity.  
(RANGE:0 ~ 100%, "+" or "-")
- 6 **SURROUND COMP SET**  
Adjust Threshold and Ratio, Attack, Release.  
(-50dB ~ 0dB / 1:2 ~ 1:100 / 1 ~ 90ms / 0.1 ~ 2.5s)
- 7 **SURROUND COMP**  
(OFF, ON:Check)
- 8 **SURROUND HIGHPASS**  
Adjust highpass filter frequency.  
(FREQUENCY:20~20kHz)  
(FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)
- 9 **SURROUND LOWPASS**  
Adjust reverb lowpass filter frequency.  
(FREQUENCY:20~20kHz)  
(FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)
- 10 **SURROUND EQ**  
Adjust surround output EQ.  
(BAND:1~10 / FREQUENCY:20~20kHz / TYPE:PEQ, LS, HS)  
(GAIN:-24dB ~ +24dB / BANDWIDTH: 0.4~99.9 )
- 11 **SURROUND SPK CONFIG**  
Select the size of the speaker unit to be connected,  
and set the crossover frequency.  
(UNIT SIZE:Large or Small)  
(XOVER FREQUENCY:0 ~ 248Hz)



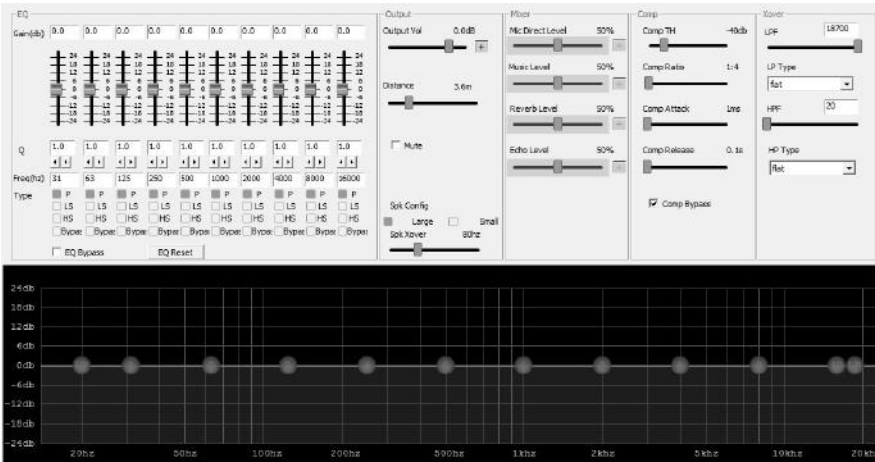
## BACK SURROUND MENU



- 1 **BSURROUND VOL**  
Adjust volume and polarity.  
(L/R : RANGE:OFF,-37~12dB, "+" or "-")
- 2 **BSURROUND DELAY (KTV Mode)**  
Adjust delay time.  
(L DELAY/ R DELAY, 0 ~ 50ms)
- 3 **BSURROUND Distance (CINEMA Mode)**  
Adjust Distance of L/R Speaker.  
(L Distance / R Distance, 0 ~ 15m)
- 4 **BSURROUND MUTE**  
Control mute or unmute of output.  
(L MUTE/ R MUTE)

- 5 **BSURROUND MIXER**  
Adjust Mic, Music, Reverb, Echo volume and polarity.  
(RANGE:0 ~ 100%, "+" or "-")
- 6 **BSURROUND COMP SET**  
Adjust Threshold and Ratio, Attack, Release.  
(-50dB ~ 0dB / 1:2 ~ 1:100 / 1 ~ 90ms / 0.1 ~ 2.5s)
- 7 **BSURROUND COMP**  
(OFF, ON:Check)
- 8 **BSURROUND HIGHPASS**  
Adjust highpass filter frequency.  
(FREQUENCY:20~20kHz)  
(FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)
- 9 **BSURROUND LOWPASS**  
Adjust reverb lowpass filter frequency.  
(FREQUENCY:20~20kHz)  
(FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)
- 10 **BSURROUND EQ**  
Adjust main output EQ.  
(BAND:1~10 / FREQUENCY:20~20kHz / TYPE:PEQ, LS, HS)  
(GAIN:-24dB ~ +24dB / BANDWIDTH:0.4 ~ 99.9 )
- 11 **BSURROUND SPK CONFIG**  
Select the size of the speaker unit to be connected,  
and set the crossover frequency.  
(UNIT SIZE:Large or Small)  
(XOVER FREQUENCY:0 ~ 248Hz)

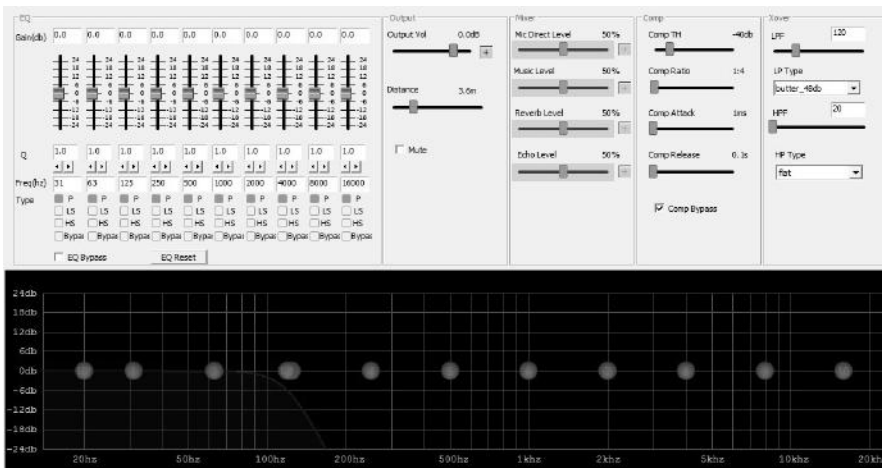
## CENTER MENU



- 1 **CENTER VOL**  
Adjust volume and polarity.  
(L/R : RANGE:OFF, -37~12dB, "+" or "-")
- 2 **CENTER DELAY (KTV Mode)**  
Adjust delay time.  
(L DELAY/ R DELAY, 0 ~ 50ms)
- 3 **CENTER Distance (CINEMA Mode)**  
Adjust Distance of L/R Speaker.  
(L Distance / R Distance, 0 ~ 15m)
- 4 **CENTER MUTE**  
Control mute or unmute of output.  
(L MUTE/ R MUTE)

- 5 **CENTER MIXER**  
Adjust Mic, Music, Reverb, Echo volume and polarity.  
(RANGE:0 ~ 100%, "+" or "-")
- 6 **CENTER COMP SET**  
Adjust Threshold and Ratio, Attack, Release.  
(-50dB ~ 0dB / 1:2 ~ 1:100 / 1 ~ 90ms / 0.1 ~ 2.5s)
- 7 **CENTER COMP**  
(OFF, ON:Check)
- 8 **CENTER HIGHPASS**  
Adjust highpass filter frequency.  
(FREQUENCY:20~20kHz)  
(FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)
- 9 **CENTER LOWPASS**  
Adjust reverb lowpass filter frequency.  
(FREQUENCY:20~20kHz)  
(FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)
- 10 **CENTER EQ**  
Adjust main output EQ.  
(BAND:1~10 / FREQUENCY:20~20kHz / TYPE:PEQ, LS, HS)  
(GAIN:-24dB ~ +24dB / BANDWIDTH:0.4 ~ 99.9 )
- 11 **CENTER SPK CONFIG**  
Select the size of the speaker unit to be connected,  
and set the crossover frequency.  
(UNIT SIZE:Large or Small)  
(XOVER FREQUENCY:0 ~ 248Hz)

## SUBWOOFER MENU

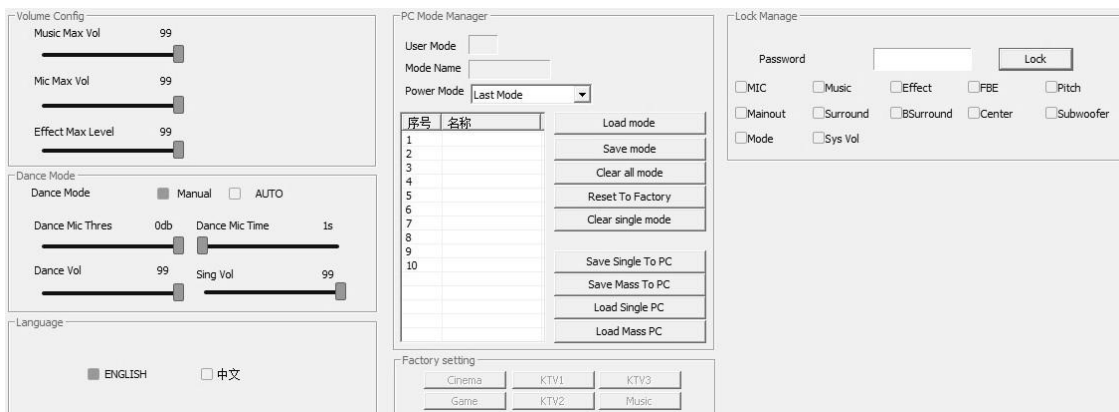


- 1 **SUBWOOFER VOL**  
Adjust volume and polarity.  
(RANGE:OFF, -37~12dB, "+" or "-")
- 2 **SUBWOOFER DELAY (KTV Mode)**  
Adjust delay time.  
(DELAY, 0 ~ 50ms)
- 3 **SUBWOOFER Distance (CINEMA Mode)**  
Adjust Distance of L/R Speaker.  
(Distance, 0 ~ 15m)
- 4 **SUBWOOFER MUTE**  
Control mute or unmute of output.  
(MUTE)

- 5 **SUBWOOFER MIXER**  
Adjust Mic, Music, Reverb, Echo volume and polarity.  
(RANGE:0 ~ 100%, "+" or "-")
- 6 **SUBWOOFER COMP SET**  
Adjust Threshold and Ratio, Attack, Release.  
(-50dB ~ 0dB / 1:2 ~ 1:100 / 1 ~ 90ms / 0.1 ~ 2.5s)
- 7 **SUBWOOFER COMP**  
(OFF, ON:Check)
- 8 **SUBWOOFER HIGHPASS**  
Adjust highpass filter frequency.  
(FREQUENCY:20~20kHz)  
(FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)

- 9 **SUBWOOFER LOWPASS**  
Adjust reverb lowpass filter frequency.  
(FREQUENCY:20~20kHz)  
(FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/BT\_48)
- 10 **SUBWOOFER EQ**  
Adjust main output EQ.  
(BAND:1~10 / FREQUENCY:20~20kHz / TYPE:PEQ, LS, HS)  
(GAIN:-24dB ~ +24dB / BANDWIDTH:0.4 ~ 99.9 )
- 11 **SUBWOOFER SPK CONFIG**  
Select the size of the speaker unit to be connected,  
and set the crossover frequency.  
(UNIT SIZE:Large or Small)  
(XOVER FREQUENCY:0 ~ 248Hz)

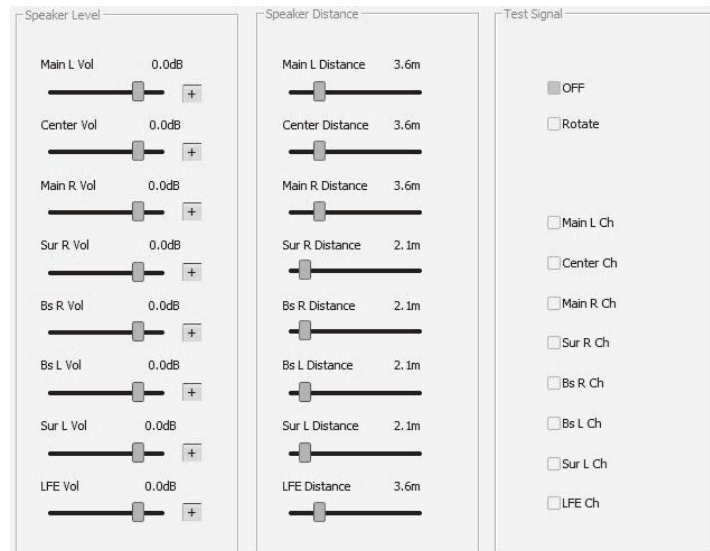
## SYSTEM MENU



- 1 **VOLUME CONFIG**  
Adjust Max volume of Music and Mic, Effect.  
(RANGE:20~99)
- 2 **LANGUAGE**  
Select English or Chinese.
- 3 **Memory Function**  
Preserving setting up information from U1 to U10,  
your preferable choice can always be called.

- 4 **DANCE MODE**  
Adjust Mic Threshold, and Mic Time, Dance volume,  
Sing volume.  
(Dance volume : 0 ~ 99)(Sing volume : 0 ~ 99)  
  
When microphone signal shows down than  
setting value, subwoofer changes to "Dance Mode.."  
(Mic Threshold : -60dB~0dB)  
  
When microphone signal shows higher than  
setting value, subwoofer changes to "Karaoke Mode."  
(Dance Mic Time : 1~30s)

## CALIBRATION MENU



### CONNECTION TEST AND ADJUSTMENT

Connect test and adjustment can be possible with testing signals of each output.

#### ● Speaker Level

To adjust volume of each speaker.

#### ● Speaker Distance

Distance from speaker installed.

#### ● Test Signal

Sound to be created out of each speaker.

※Output Time : 5 sec

※Output order : Main L Ch → Center Ch → Main R Ch → Sur R Ch → Sur L Ch → LFE Ch → OFF

## 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.	<ul style="list-style-type: none"> <li>● The power cord is not connected.</li> <li>● Music volume control or Mic. volume control may be set to minimum position.</li> <li>● Music signal choice is incorrect.</li> <li>● The output cords is not connected correctly.</li> <li>● The power amplifier switch is not ON.</li> </ul>	<ul style="list-style-type: none"> <li>● Connect the power cord to AC outlet.</li> <li>● Adjust for proper sound position.</li> <li>● Choose correct music signal input.</li> <li>● Connect the output cord correctly.</li> <li>● Turn ON the power amplifier.</li> </ul>
No sound at beginning of the music when switched on.	<ul style="list-style-type: none"> <li>● Output level of audio component is set to minimum.</li> </ul>	<ul style="list-style-type: none"> <li>● Adjust it to suitable position.</li> </ul>
No microphone sound but playback the music sound.	<ul style="list-style-type: none"> <li>● Microphone switch is to "OFF".</li> <li>● The microphone cord broken.</li> <li>● Microphone plug is not connected.</li> </ul>	<ul style="list-style-type: none"> <li>● Set it to "ON".</li> <li>● Repair or replace it.</li> <li>● Connect it correctly.</li> </ul>
Without echo.	<ul style="list-style-type: none"> <li>● Echo volume is minimum.</li> </ul>	<ul style="list-style-type: none"> <li>● Adjust the Echo volume.</li> </ul>
Can not use remote control.	<ul style="list-style-type: none"> <li>● The power amplifier switch is not ON.</li> <li>● Remote control batteries is not in.</li> <li>● Batteries ran down.</li> </ul>	<ul style="list-style-type: none"> <li>● Turn ON the power amplifier.</li> <li>● Check batteries.</li> <li>● Change batteries to new ones.</li> </ul>

## 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  
   SURROUND OUT (L/R) ..... 6.0 V  
   BACK SURROUND OUT (L/R) ..... 6.0 V  
 Key Control ..... 15 steps

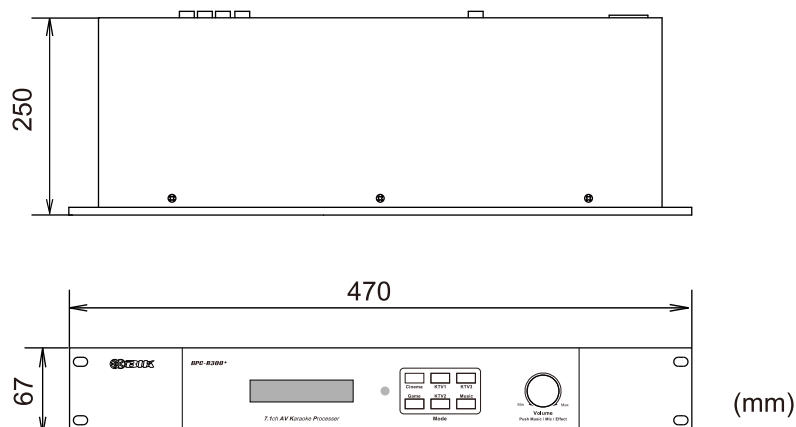
### Power supply, Others

Power Voltage ..... 220V ~ 240V/50Hz  
 Power consumption ..... 25 W  
 Dimensions (W X H X D) ..... 470 X 67 X 250 mm  
 Weight ..... 3.18 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 .....	13	PC软件 .....	16	故障分析处理 .....	23
	产品特点 .....	13	PC软屏 .....	16	产品规格 .....	23
	连接方法 .....	15	操作方法 .....	17		

## 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。

 <b>警告</b>	<b>警告</b> 无视或误用会有造成人身事故的可能性。
 <b>注意</b>	<b>注意</b> 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。

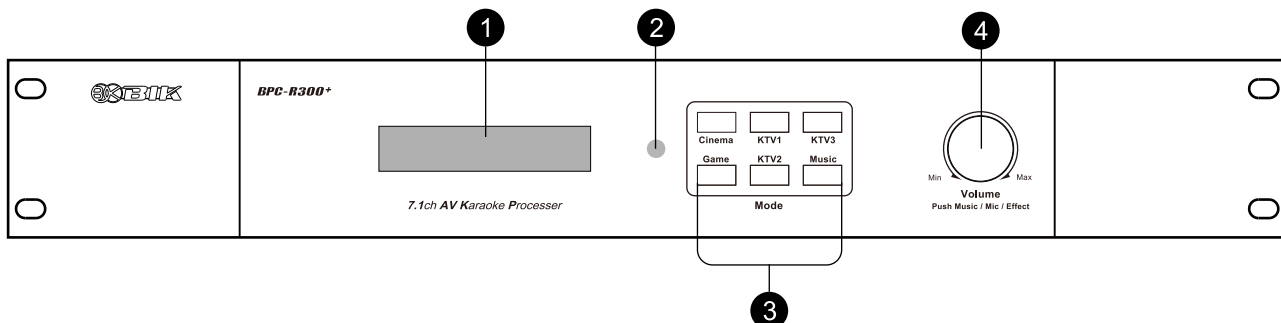
## 产品特点

### 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。
- 光纤和同轴音频数字输入，KTV模式更完美的音源，影院模式7.1音频解码
- 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15段参量均衡。
- 立体声模拟音乐输入，15段参量均衡，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10段参量均衡、环绕10段参量均衡、中置和超低音5段参量均衡、延时、压限、极性变换、音量调节、静音。

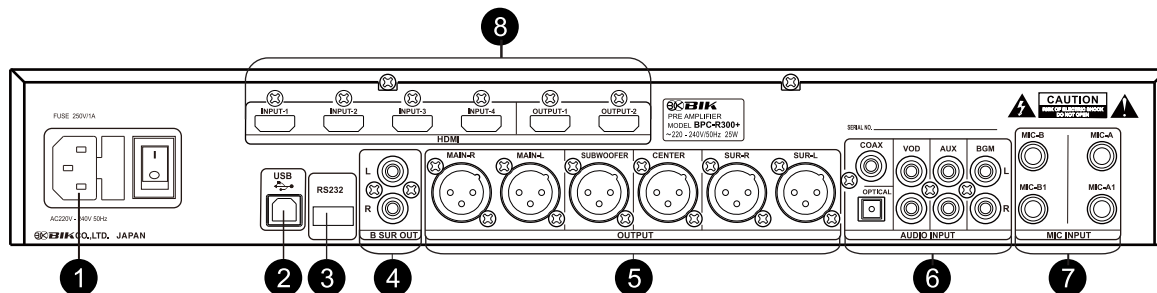
- 一组立体声录音输出，具有独立的音量调节和混音功能。
- 管理者、用户和初级模式，密码管理；密码按键锁的功能。
- 拥有10组用户参数存储和调用。
- VOD点歌控制接口，无线红外遥控和线控功能。
- 免驱动USB接口，实时通过PC软件控制全部参数。
- HDMI 音视频切换。

## 前面板



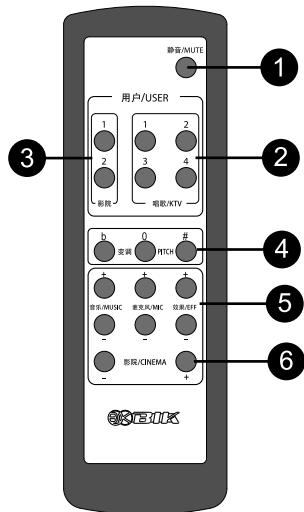
- ① 16x2字符LCD显示屏，用于显示各种参数调节的信息
- ② 红外线遥控接收窗口
- ③ 音效选择按钮
- ④ 音乐 / 麦克风 / 麦克风效果 音量旋钮

## 后面板



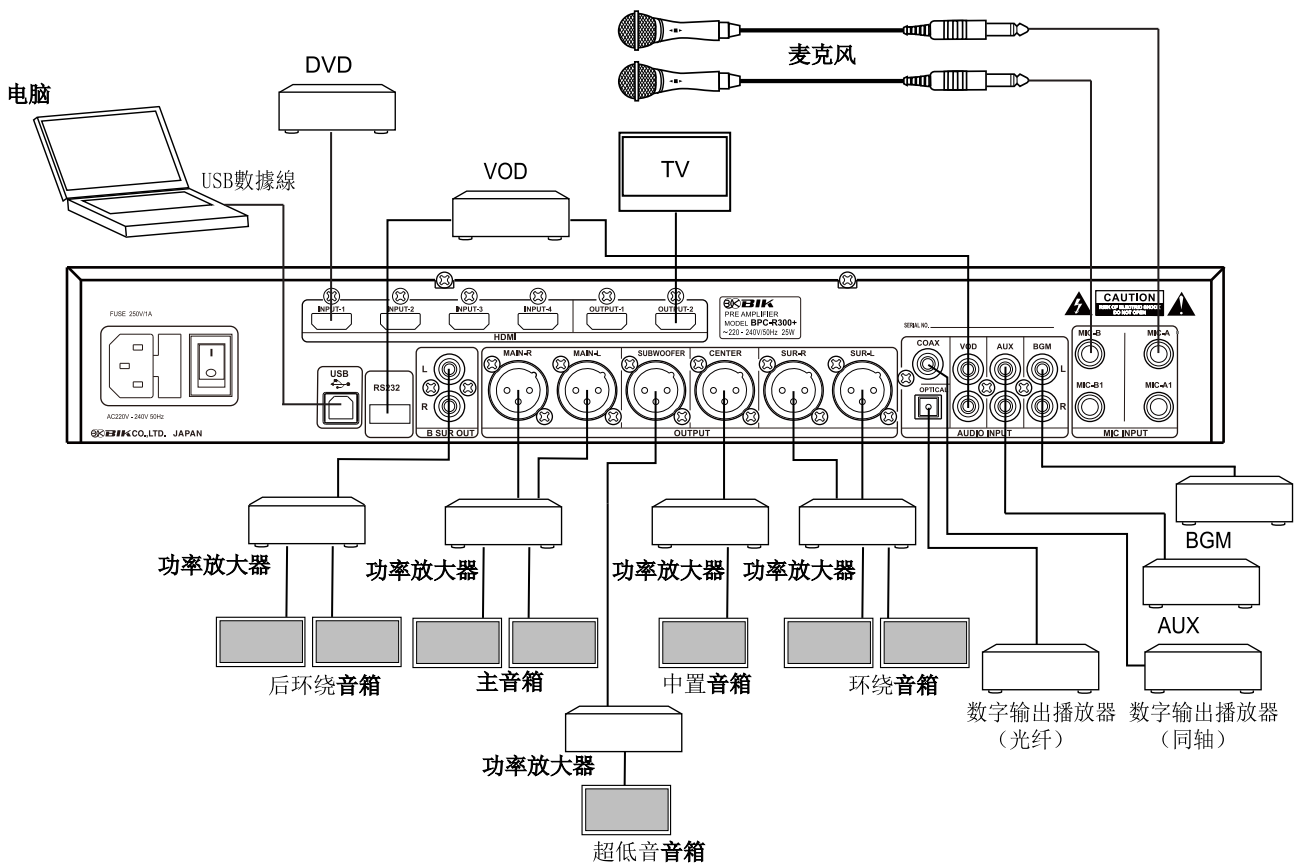
- ① 电源线插座  
电源电压 AC 220~240V, 50Hz.
- ② USB通讯控制接口
- ③ RS232 通讯接口  
实现外部VOD设备控制效果器 (RS232)
- ④ 输出端子(后环绕输出)  
后环绕输出接口
- ⑤ 输出端子  
主/环绕/后环绕/中置/超低音 输出接口
- ⑥ 音频信号输入端子  
(BGM, AUX, VOD, COAX, OPTICAL)
- ⑦ 麦克风A / B / A1 / B1 插口
- ⑧ HDMI接口(4进2出)  
可以切换HDMI输出功能。

# 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 四种效果存储按键(唱歌)
- ③ 二种效果存储按键(影院)
- ④ 音乐升降调按键  
b:降调 #:升调 0:恢复原状态。
- ⑤ 控制键(音乐, 麦克风, 效果)  
音量用“+”、“-”键控制调节。
- ⑥ 总音量控制键(影院)

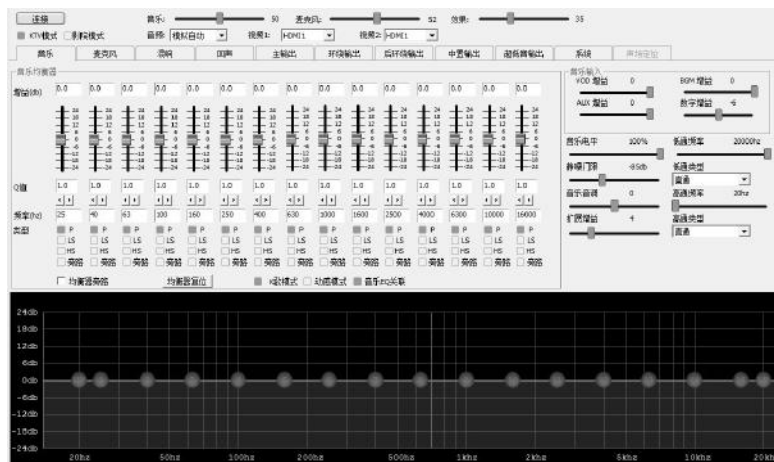
## 连接方法



## PC軟件

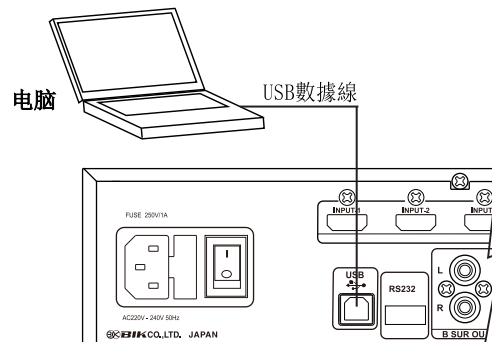
BPC-R300+ 的调试软件请在BIK官方网站下载。

※ URL: <http://www.bik-audio.com/product/bpc-r300plus/>



### 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軟屏

### 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

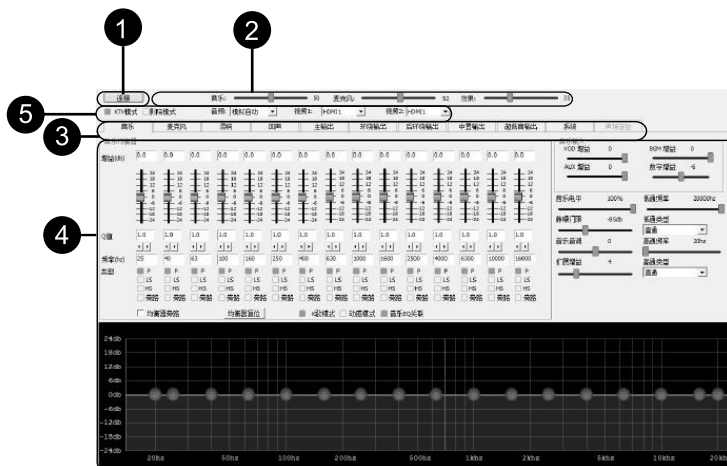
音乐音量，麦克风音量，麦克风效果音量。

### 3 菜單選項卡

### 4 設置屏幕

### 5 KTV MODE 和影院MODE设定

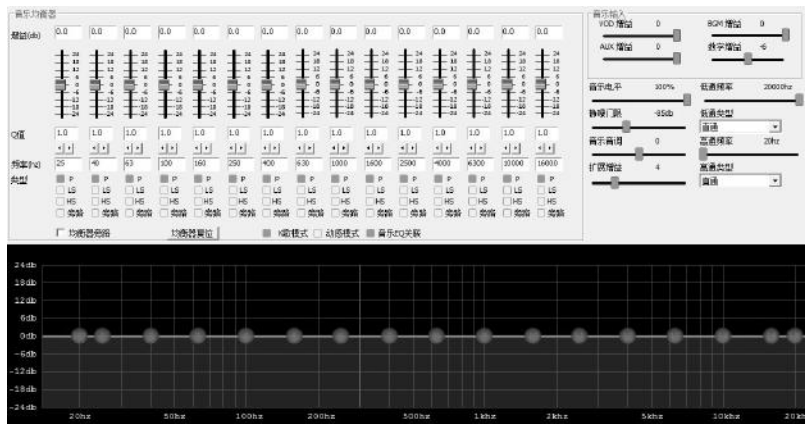
KTV MODE 和影院MODE，可以用各自对应的MODE设定。





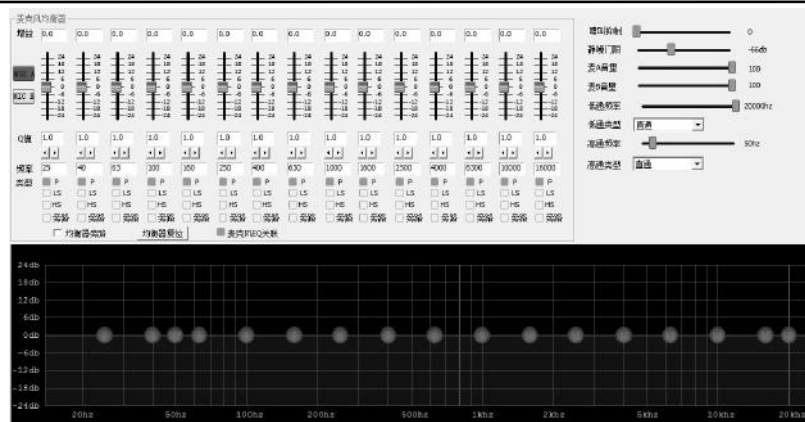
## 操作方法

### 音乐功能



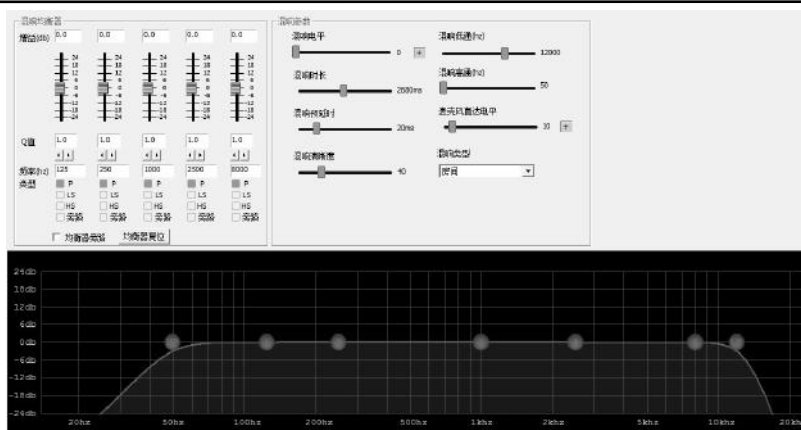
- 1 音乐输入选择 (MUSIC INPUT)**  
音乐输入选择模拟音源，有AUTO/M\_VOD/M\_AUX/M\_BGM四种模式。数字音源的选择，有COAXIAL和OPTICAL两种。视频选择输入和模拟音频输入同步
- 2 音乐输入预增益 (INPUT GAIN)**  
可分别对VOD/AUX/BGM/DIGITAL预调整 (范围:-12~0dB, 步进:1dB)
- 3 音乐参量器均衡器 (MUSIC EQ)**  
(频段:1~15, 频率:20~20000Hz)  
(类型:PEQ/LS/HS/Bypass, 增益:-24dB~+24dB)  
(带宽:PEQ模式0.5~100, LSEQ/HSEQ模式0.5~2)
- 4 音乐高通滤波器 (MUSIC HIGHPASS)**  
(频率:20~20kHz)  
(类型:FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)
- 5 音乐低通滤波器 (MUSIC LOWPASS)**  
(频率:20~20kHz)  
(类型:FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)
- 6 音乐变调 (MUSIC PITCH)**  
(b1~b7为降调, 0关闭变调效果, #1~#7为升调)
- 7 音乐电平 (MUSIC LEVEL)**  
(范围:0~100%)
- 8 噪声门 (NOISE GATE)**  
(范围:OFF,-99~-59dB)
- 9 扩展长度 (ENHANCE GAIN)**  
(范围:0~16)

### 麦克风功能



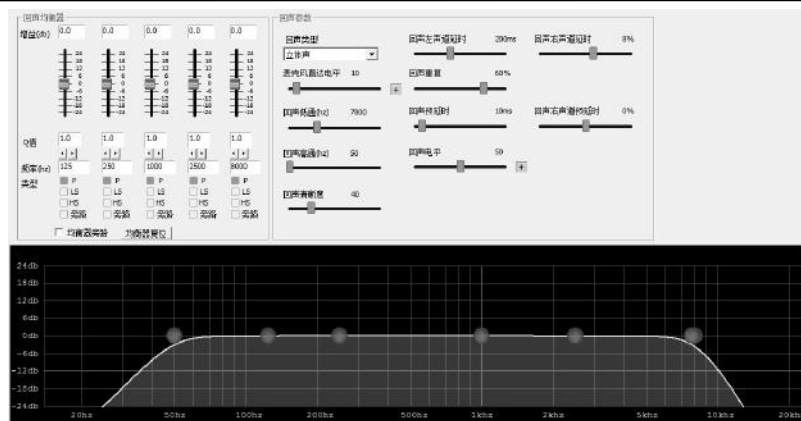
- 1 麦克风反馈抑制 (MIC FBX LEVEL)**  
0为OFF, 1~8为麦克风反馈抑制级数, 数值越大反馈抑制越深。设置后, 回到主界面会有ö1/ö2/ö3等的显示
- 2 麦克风噪声门 (MIC NOISE GATE)**  
噪声门开启相对电平, 高于设定电平的信号可通过, 低于设定电平的信号被衰减 (范围:OFF, -80dB ~ -40dB)
- 3 麦克风高通滤波器 (MIC HIGHPASS)**  
(频率:20~20kHz)  
(FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)
- 4 麦克风低通滤波器 (MIC LOWPASS)**  
(频率:20~20kHz)  
(FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)
- 5 麦克风A/B 参量均衡器关联 (MIC1/2 EQ LINK)**  
ON为打开, OFF为关闭
- 6 麦克风A/B输入音量 (MIC A/B VOL)**  
(范围:0~100)
- 7 麦克风A/B参量器均衡器 (MIC A/B EQ)**  
(频段:1~15, 频率:20~20000Hz)  
(类型:PEQ/LS/HS/Bypass, 增益:-24dB~+24dB)  
(带宽:PEQ模式0.5~100, LSEQ/HSEQ模式0.5~2)

## 麦克风混响功能



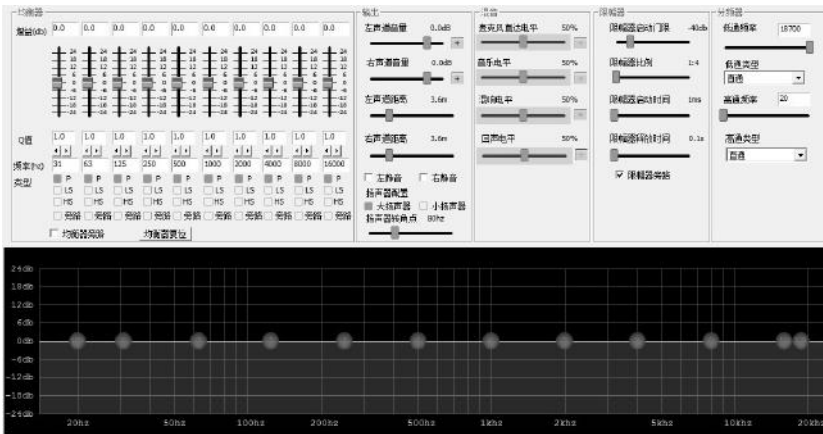
- 1 混响音量 (REV VOL)  
调节混响效果增加到源信号的多少,数值越大效果越明显  
(范围:0~100,极性:“+” / “-” )
- 2 混响模型 (REV TYPE)  
(3种模型:HALL/ROOM/PLATE)
- 3 混响衰减时间 (REV DECAY)  
数值越大越能产生较宽阔空间的效果  
(范围:500~5000ms)
- 4 混响预延时 (REV PREDELAY)  
混响效果被听到的延时时间,数值越大混响效果越晚出现,  
会产生较宽敞的效果  
(范围:0~100ms)
- 5 直达电平 (REV DIRECT)  
(范围:0~100,极性:“+” / “-” )
- 6 混响现场 (REV LIVELINESS)  
调节混响高频信号晚期回响,数值越大高频响应越好,  
产生更明亮或更清晰的混响,数值越小高频响应越差,  
低频会更显突出,产生更昏暗或模糊的混响 (范围:20~99)
- 7 混响高通滤波器 (REV HIGHPASS)  
设置混响高通滤波器的频率,数值越大越会产生较明亮或清  
晰的混响效果,数值越小越会产生较昏暗或模糊的混响效果  
(范围:20~1000Hz)
- 8 混响低通滤波器 (REV LOWPASS)  
设置混响低通滤波器的频率,数值越大越会产生较单薄的  
混响效果,数值越小越会产生较饱满或昏暗的混响效果  
(范围:4000~16000Hz)
- 9 混响参量器均衡器 (REV EQ)  
(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 (ECHO VOL)  
调节回声效果增加到源信号的多少,数值越大效果越明显  
(范围:0~100,极性:“+” / “-” )
- 2 回声类型 (ECHO TYPE)  
MONO/STEREO/DUAL:单声道回声,左右参数相同  
立体声回声,左右延时不同其他参数相同  
双回声,左右所有的参数都独立调节
- 3 回声延时 (ECHO DELAY)  
回声效果中两个回声间距的时间,数值越大回声间隔越长  
(范围:0~500ms)
- 4 回声重复次数 (ECHO REPEAT)  
回声效果重复的次数多少,数值越大回声次数越多  
(范围:0~80%)
- 5 回声电平 (ECHO LEVEL)  
(范围:0~100,极性:“+” / “-” )
- 6 回声参量器均衡器 (ECHO EQ)  
(频段:1~5 / 频率:20~20kHz / 类型:PEQ,LS,HS  
增益:-24dB ~ +24dB / 模式:0.4~99.9)
- 7 回声预延时 (ECHO PREDELAY)  
直达声到回声效果第一声出现之间延时时间,  
数值越大混响效果越晚出现,于产生较宽敞的效果  
(范围:0~100ms)
- 8 回声高通滤波器 (ECHO HIGHPASS)  
设置回声高通滤波器的频率,数值越大越会产生较明亮或清  
晰的回声效果,数值越小越会产生较昏暗或模糊的回声效果  
(范围:20~1000Hz)
- 9 回声低通滤波器 (ECHO LOWPASS)  
设置回声低通滤波器的频率,数值越大越会产生较单薄的  
回声效果,数值越小越会产生较饱满或昏暗的回声效果  
(范围:4000~16000Hz)
- 10 回声现场 (ECHO LIVELINESS)  
数值越大高频响应越好,产生更明亮或更清晰的混响,  
数值越小高频响应越差,低频会更显突出,  
产生更昏暗或模糊的混响 (范围:20~99)

## 主输出功能

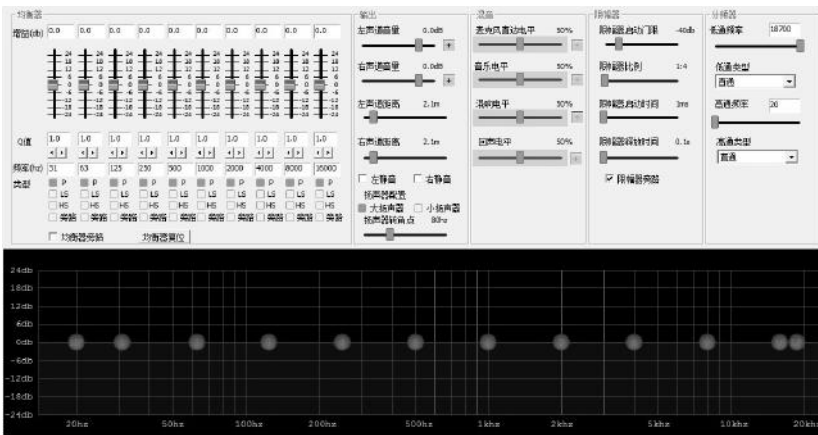


- 1 主输出音量 (MAIN VOL)  
(L/R 范围:OFF, -37~12dB, 极性: "+" / "-")
- 2 主输出延时 (KTV模式)  
主输出的左右,分别调整参数  
(范围:0~50.00ms, L DELAY/ R DELAY)
- 3 声道距离 (CINEMA模式)  
(范围:0~15m, L / R DISTANCE)

- 4 主输出静音 (MAIN MUTE)  
ON为打开, OFF为关闭.(L MUTE/ R MUTE)
- 5 主输混合器 (MIXER)  
音乐,麦克风,混响,回声  
(范围:0~100%, 极性: "+" / "-")
- 6 主输出压缩限幅器开关 (MAIN COMP SET)  
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)
- 7 主输出压缩限幅器开关 (MAIN COMP)  
ON为打开, OFF为关闭
- 8 主输出高通滤波器 (MAIN HIGHPASS)  
(类型:FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)  
(频率:20Hz~20kHz)

- 9 主输出低通滤波器 (MAIN LOWPASS)  
(类型:FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)  
(频率:20Hz~20kHz)
- 10 主输出参量器均衡器 (MAIN EQ)  
(频段:1~10 / 频率:20~20kHz / 类型:PEQ, LS, HS  
增益:-24dB ~ +24dB / 带宽:0.4~99.9)
- 11 扬声器配置 (MAIN SPK CONFIG)  
根据所连接音箱喇叭单元的尺寸大小进行选择,  
以便更好的体现整体音场效果。  
(大扬声器 / 小扬声器)
- 12 扬声器转角点 (MAIN SPK XOVER)  
设定所连接音箱喇叭的Xover频率。  
(频率:0~248Hz)

## 环绕输出功能

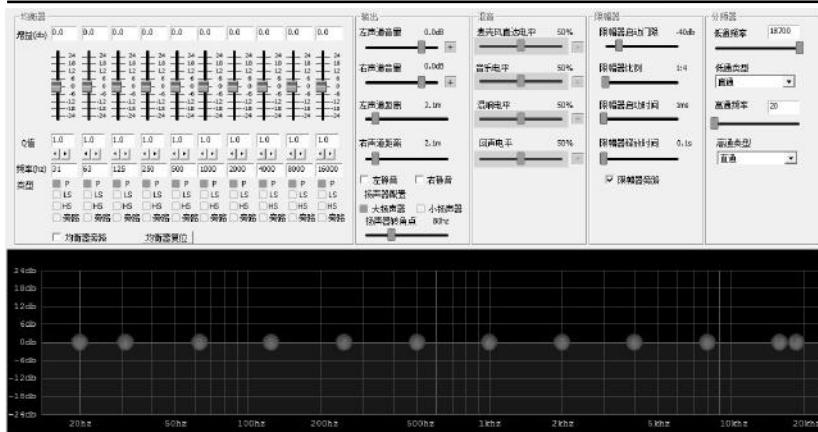


- 1 环绕输出音量 (SUR VOL)  
(L/R 范围:OFF, -37~12dB, 极性: "+" / "-")
- 2 环绕输出延时 (KTV模式)  
环绕输出的左右,分别调整参数  
(范围:0~50.00ms, L DELAY/ R DELAY)
- 3 声道距离 (CINEMA模式)  
(范围:0~15m, L / R DISTANCE)

- 4 环绕输出静音 (SUR MUTE)  
ON为打开, OFF为关闭.(L MUTE/ R MUTE)
- 5 环绕输混合器 (MIXER)  
音乐,麦克风,混响,回声  
(范围:0~100%, 极性: "+" / "-")
- 6 环绕输出压缩限幅器开关 (SUR COMP SET)  
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)
- 7 环绕输出压缩限幅器开关 (SUR COMP)  
ON为打开, OFF为关闭
- 8 环绕输出高通滤波器 (SUR HIGHPASS)  
(类型:FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)  
(频率:20Hz~20kHz)

- 9 环绕输出低通滤波器 (SUR LOWPASS)  
(类型:FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)  
(频率:20Hz~20kHz)
- 10 环绕输出参量器均衡器 (SUR EQ)  
(频段:1~10 / 频率:20~20kHz / 类型:PEQ, LS, HS  
增益:-24dB ~ +24dB / 带宽:0.4~99.9)
- 11 扬声器配置 (SUR SPK CONFIG)  
根据所连接音箱喇叭单元的尺寸大小进行选择,  
以便更好的体现整体音场效果。  
(大扬声器 / 小扬声器)
- 12 扬声器转角点 (SUR SPK XOVER)  
设定所连接音箱喇叭的Xover频率。  
(频率:0~248Hz)

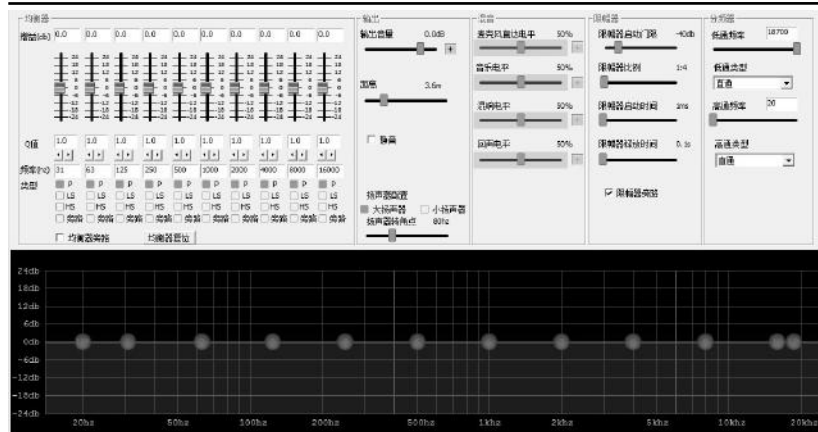
## 后环绕输出功能



- 1 后环绕输出音量 (BSUR VOL)  
(L/R 范围:OFF, -37~12dB, 极性: “+” / “-” )
- 2 后环绕输出延时 (KTV模式)  
环绕输出的左右,分别调整参数  
(范围:0~50.00ms, L DELAY/ R DELAY)
- 3 声道距离 (CINEMA模式)  
(范围:0~15m, L / R DISTANCE)

- 4 后环绕输出静音 (BSUR MUTE)  
ON为打开, OFF为关闭.(L MUTE/ R MUTE)
- 5 后环绕输出混合器 (MIXER)  
音乐,麦克风,混响,回声  
(范围:0~100%, 极性: “+” / “-” )
- 6 后环绕输出压缩限幅器开关 (BSUR COMP SET)  
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)
- 7 后环绕输出压缩限幅器开关 (BSUR COMP)  
ON为打开, OFF为关闭
- 8 后环绕输出高通滤波器 (BSUR HIGHPASS)  
(类型:FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)  
(频率:20Hz~20kHz)
- 9 后环绕输出低通滤波器 (BSUR LOWPASS)  
(类型:FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)  
(频率:20Hz~20kHz)
- 10 后环绕输出参量器均衡器 (BSUR EQ)  
(频段:1~10 / 频率:20~20kHz / 类型:PEQ, LS, HS  
增益:-24dB ~ +24dB / 带宽:0.4~99.9)
- 11 扬声器配置 (BSUR SPK CONFIG)  
根据所连接音箱喇叭单元的尺寸大小进行选择,  
以便更好的体现整体音场效果。  
(大扬声器 / 小扬声器)
- 12 扬声器转角点 (BSUR SPK XOVER)  
设定所连接音箱喇叭的Xover频率。  
(频率:0~248Hz)

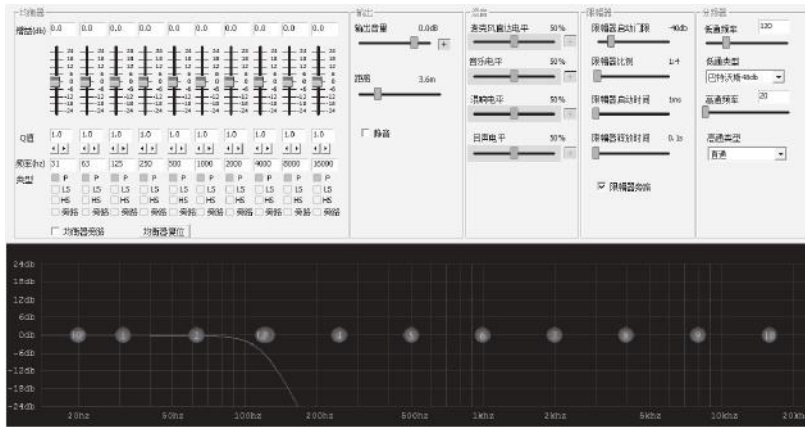
## 中置输出功能



- 1 中置输出音量 (CENTER VOL)  
(范围:OFF, -37~12dB, 极性: “+” / “-” )
- 2 中置输出延时 (KTV模式)  
环绕输出的左右,分别调整参数  
(范围:0~50.00ms, DELAY)
- 3 声道距离 (CINEMA模式)  
(范围:0~15m, DISTANCE)

- 4 中置输出静音 (CENTER MUTE)  
ON为打开, OFF为关闭.(MUTE)
- 5 中置输出混合器 (MIXER)  
音乐,麦克风,混响,回声  
(范围:0~100%, 极性: “+” / “-” )
- 6 中置输出压缩限幅器开关 (CENTER COMP SET)  
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)
- 7 中置输出压缩限幅器开关 (CENTER COMP)  
ON为打开, OFF为关闭
- 8 中置输出高通滤波器 (CENTER HIGHPASS)  
(类型:FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)  
(频率:20Hz~20kHz)
- 9 中置输出低通滤波器 (CENTER LOWPASS)  
(类型:FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)  
(频率:20Hz~20kHz)
- 10 中置输出参量器均衡器 (CENTER EQ)  
(频段:1~10 / 频率:20~20kHz / 类型:PEQ, LS, HS  
增益:-24dB ~ +24dB / 带宽:0.4~99.9)
- 11 扬声器配置 (CENTER SPK CONFIG)  
根据所连接音箱喇叭单元的尺寸大小进行选择,  
以便更好的体现整体音场效果。  
(大扬声器 / 小扬声器)
- 12 扬声器转角点 (CENTER SPK XOVER)  
设定所连接音箱喇叭的Xover频率。  
(频率:0~248Hz)

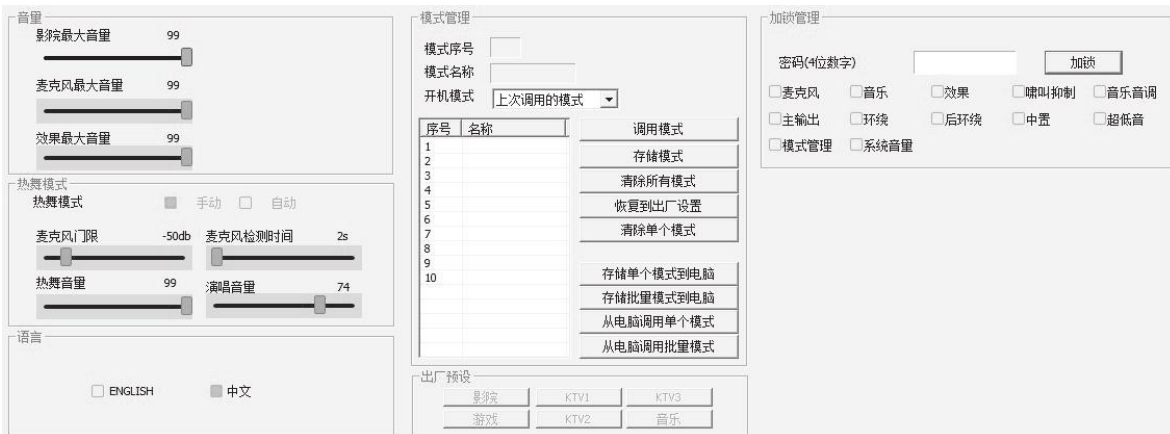
## 超低音输出功能



- 1 超低音输出音量 (SUBWOOFER VOL)  
(范围:OFF, -37~12dB, 极性: “+” / “-” )
- 2 超低音输出延时 (KTV模式)  
环绕输出的左右,分别调整参数  
(范围:0~50.00ms, DELAY)
- 3 声道距离 (CINEMA模式)  
(范围:0~15m, DISTANCE)

- 4 超低音输出静音 (SUBWOOFER MUTE)  
ON为打开, OFF为关闭.(MUTE)
- 5 超低音输出混合器 (MIXER)  
音乐,麦克风,混响,回声  
(范围:0~100%, 极性: “+” / “-” )
- 6 超低音输出压缩限幅器开关 (SUBWOOFER COMP SET)  
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)
- 7 超低音输出压缩限幅器开关 (SUBWOOFER COMP)  
ON为打开, OFF为关闭
- 8 超低音输出高通滤波器 (SUBWOOFER HIGHPASS)  
(类型:FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/LR\_24)  
(频率:20Hz~20kHz)
- 9 超低音输出低通滤波器 (SUBWOOFER LOWPASS)  
(类型:FLAT/BL\_12/BW\_12/BL\_18/BW\_18/BL\_24/BW\_24/BW\_48)  
(频率:20Hz~20kHz)
- 10 超低音输出参量器均衡器 (SUBWOOFER EQ)  
(频段:1~10 / 频率:20~20kHz / 类型:PEQ, LS, HS  
增益:-24dB ~ +24dB / 带宽:0.4~99.9)

## 系统功能



- 1 输出最大音量 (MUSIC/MIC/EFFECT MAX VOL)  
音乐最大音量,麦克风最大音量,效果最大音量  
(范围:20~99)
- 2 语言选择(LANGUAGE)  
(中文, ENGLISH)
- 3 热舞模式 (DANCE MODE)  
OFF为关闭模式, AUTO为自动模式,MANUAL为手动模式
- 4 麦克风门限 (DANCE MIC THRES)  
在自动模式时,当麦克风的信号电平高于触发门限时,  
超低音进入歌唱模式 (范围:-60~0db)
- 5 麦克风检测时间 (DANCE MIC TIME)  
在自动模式时,在当麦克风的信号电平低于触发门  
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)
- 6 超低音热舞模式音量 (DANCE VOL)  
(范围:20~99)
- 7 超低音歌唱模式音量 (SING VOL)  
(范围:20~99)
- 8 模式管理  
U1~U10 里可保存10种设定效果,可调出使用。  
调试效果的设定保存可以通过PC完成。



### 连接测试及调整 (影院模式)

可以从各路输出测试信号，做连接测试及各种调整。

#### ● 扬声器音量

音箱的音量调整。

#### ● 扬声器距离

视听位置与每只音箱之间的距离。

#### ● 测试信号

确认每只音箱的连接状态。点击`循环`时，即开启信号测试模式时，各音箱分别有声音输出。循环测试结束后，进入自动`关闭`状态。

※测试信号输出时间：5秒

※测试信号输出顺序：主左通道→中置通道→主右通道→环绕右通道→后环绕右通道  
→后环绕左通道→环绕左通道→超低通道

## 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。	<ul style="list-style-type: none"> <li>● 音乐旋钮或麦克旋钮设定在最小的位置。</li> <li>● 输入信号选择不正确。</li> <li>● 输出线与功率放大器的连接不正确。</li> <li>● 功率放大器没有接通电源。</li> </ul>	<ul style="list-style-type: none"> <li>● 请插好电源插头，将旋钮调整到适当位置。</li> <li>● 请选择正确的音源信号。</li> <li>● 修正输出线与功能放大器间的连接。</li> <li>● 功率放大器没有接通电源。</li> </ul>
接通电源、接入音乐信号，但是没有声音。	<ul style="list-style-type: none"> <li>● 音量旋钮设定在最小状态。</li> </ul>	<ul style="list-style-type: none"> <li>● 设定到适当音量的位置。</li> </ul>
有音乐声，但是麦克不出声音。	<ul style="list-style-type: none"> <li>● 麦克的开关`OFF`</li> <li>● 麦克线有划伤损坏。</li> <li>● 麦克的插头没有连接好。</li> </ul>	<ul style="list-style-type: none"> <li>● 打开麦克风开关。</li> <li>● 修理或更换麦克风连接线。</li> <li>● 插好麦克风插头。</li> </ul>
没有视频图像。	<ul style="list-style-type: none"> <li>● 视频输出接口上的插头没插好。</li> <li>● 视频输入接口上的插头没插好。</li> </ul>	<ul style="list-style-type: none"> <li>● 请插好插头。</li> <li>● 请插好插头。</li> </ul>
没有混响。	<ul style="list-style-type: none"> <li>● 混响旋钮设定在最小位置。</li> </ul>	<ul style="list-style-type: none"> <li>● 调整混响旋钮到适当位置。</li> </ul>
遥控器不工作。	<ul style="list-style-type: none"> <li>● 功放电源没有接通。</li> <li>● 遥控器没装电池或电力不足。</li> </ul>	<ul style="list-style-type: none"> <li>● 检查功放是否接通电源。</li> <li>● 检查遥控器内是否安装电池或更换新电池。</li> </ul>

## 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

MAIN 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

BACK 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

### 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） ..... 470 X250 X 67mm

净重 ..... 3.18kg

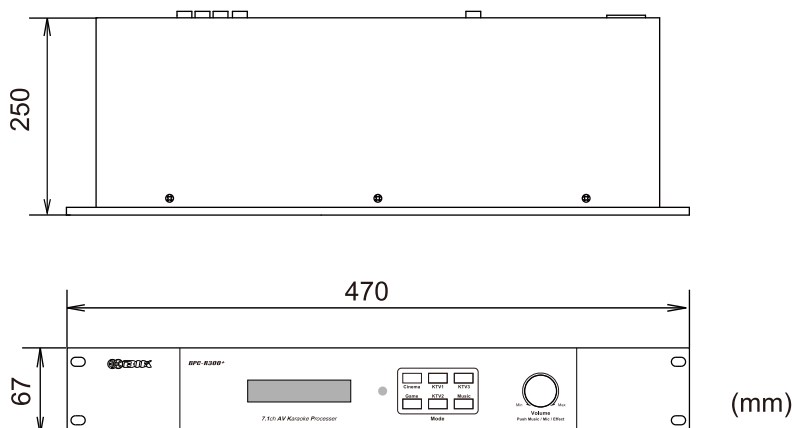
### 附件

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。





---

**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. <http://www.bik-audio.com> Email. [best-sound@bik-coltd.jp](mailto:best-sound@bik-coltd.jp)