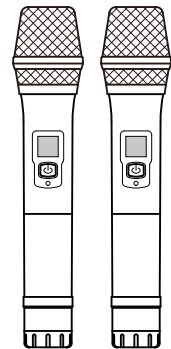
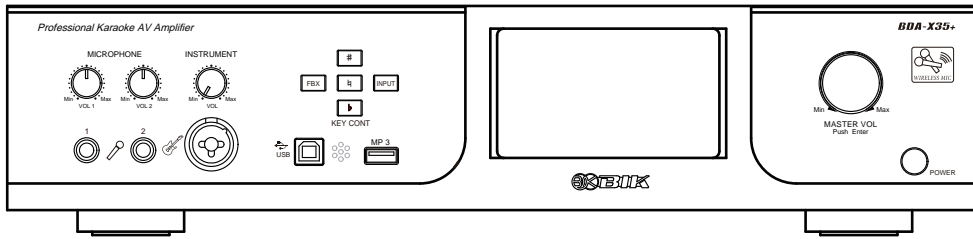




OWNER'S MANUAL
使用说明书

BDA-X35+

Professional Karaoke AV Amplifier
数码立体声二合一卡拉OK功率放大器





Thank you for purchasing our Professional Karaoke AV Amplifier
Please read the owner's manual thoroughly prior to use.
Please keep the manual for future reference.

感谢您购买本公司的数码立体声二合一卡拉OK功率放大器。
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 OPERATION..... 4	ANY TROUBLES ?..... 11
	FUNCTION AND NAME 2	MOBILE PHONE OPERATION..... 7	SPECIFICATIONS 12
	HOW TO CONNECT..... 4	PC SOFTWARE OPERATION..... 8	

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

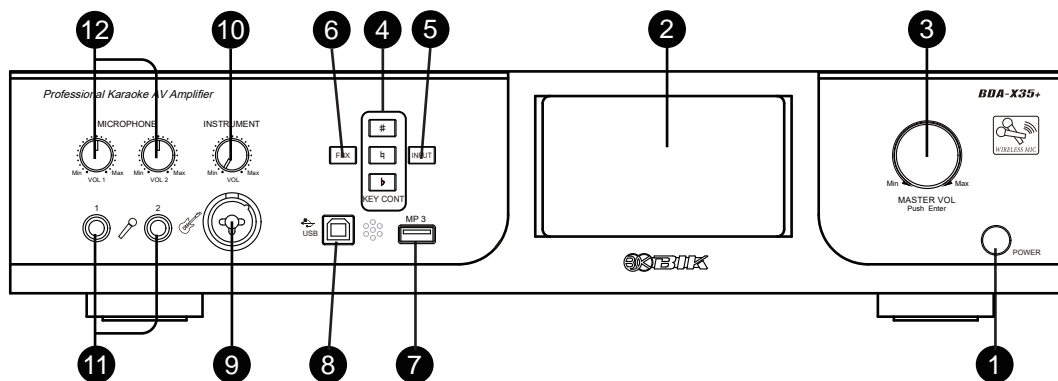
- Making use of this product under the circumstances that a smoke, an abnormal smell, an irregular sound coming out, it may cause a fire and an electric shock. In this case, switch off the product, and take AC plug out of the outlet right away. Bring it to the shop for repair.
- In case when water or 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 AC220V-240V, 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.

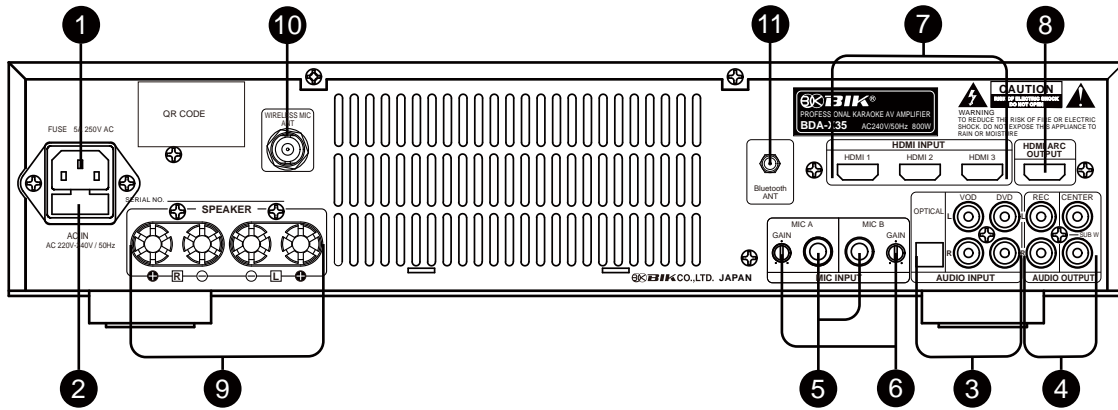
FUNCTION AND NAME

FRONT PANEL



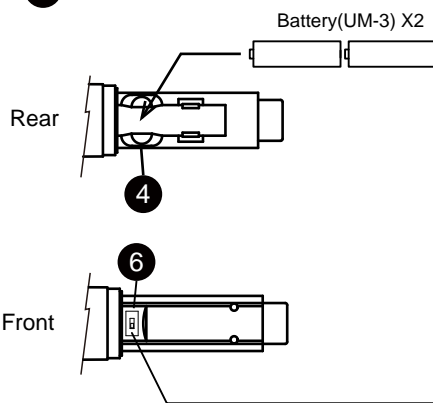
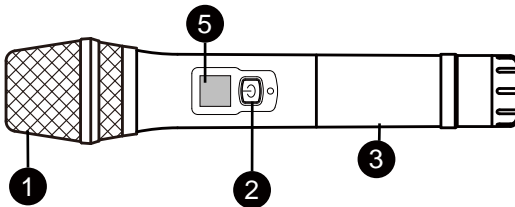
- | | |
|--|--|
| <p>1 Power Switch
Push switch button-"On", and Re-push it and then "Off".</p> <p>2 Display
Various settings can be adjusted on the touch panel.</p> <p>3 Master Volume
To adjust Music, MIC and EFFECT Volume.
Change the item to be adjusted by pressing.</p> <p>4 Key Control Button
To adjust keycontrol of Music.</p> <p>5 Input Select Button
To select of music input souce.</p> <p>6 FBX Button
To adjust Feed Back Cancellor of MIC.</p> | <p>7 MP3 USB Port
To insert USB with MP3 audio.</p> <p>8 USB Port
Connected to a PC to adjust various settings .</p> <p>9 Instrument Input (6.3mm PHONE and XLR)
To input Instrument.</p> <p>10 Instrument Volume
To adjust Instrument volume.</p> <p>11 Microphone Input
To Input 2 microphones (MIC 1, MIC 2).</p> <p>12 Microphone Volume
To adjust sound volume of MIC 1, MIC 2.</p> |
|--|--|

REAR PANEL



- 1 Power Cord Socket.**
Power input AC 220 - 240V / 50Hz.
- 2 FUSE Box**
- 3 Audio Input**
VOD, DVD and Optical input.
- 4 Audio Output**
REC, Center and Sub-woofer output. Center and Sub-woofer output is only HDMI input.
- 5 MIC Input**
To insert MIC A and B.
- 6 MIC GAIN Control**
To adjust GAIN of MIC A and MIC B.
- 7 HDMI Input**
Connect with HDMI device. (HDMI 1, HDMI 2, HDMI 3)
- 8 HDMI ARC Output**
Connect with HDMI ARC device.
- 9 Speaker Output**
Connect with speaker. (4 Ohms - 8 Ohms)
- 10 Wireless MIC ANT**
Connect with MIC antenna.
- 11 Bluetooth ANT**
Connect with Bluetooth antenna.

WIRELESS MICROPHONE



- 1** Microphone head case
 - 2** Switch / Channel setting
 - 3** Grip
 - 4** Battery case for UM-3 x 2
 - 5** Display
- CHANNEL
02

(A) Channel indication
(B) Battery level indication
- 6** "HI", "LO" Setting switch.
Adjustment of RF output power.
- LO: Use to near distance.
 HI: Use to far distance.

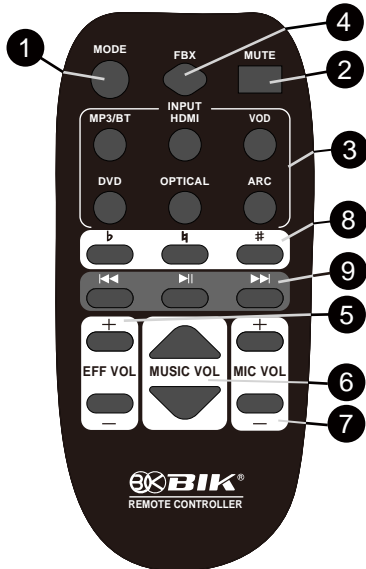
● How to set Channel (Frequency)

1. Put a microphone to near the front panel of amplifier.
2. Set a channel with pushing microphone switch button at 2 times.



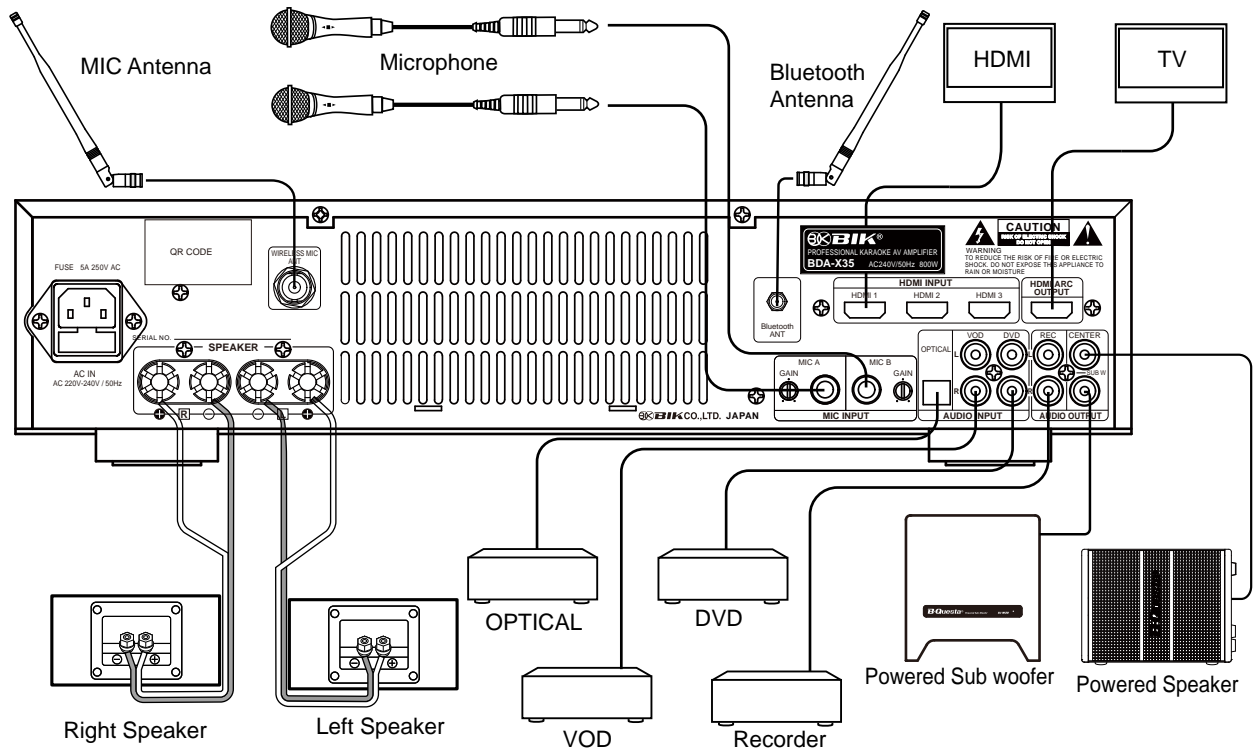
3. Channel is set automatically.

REMOTE CONTROLLER



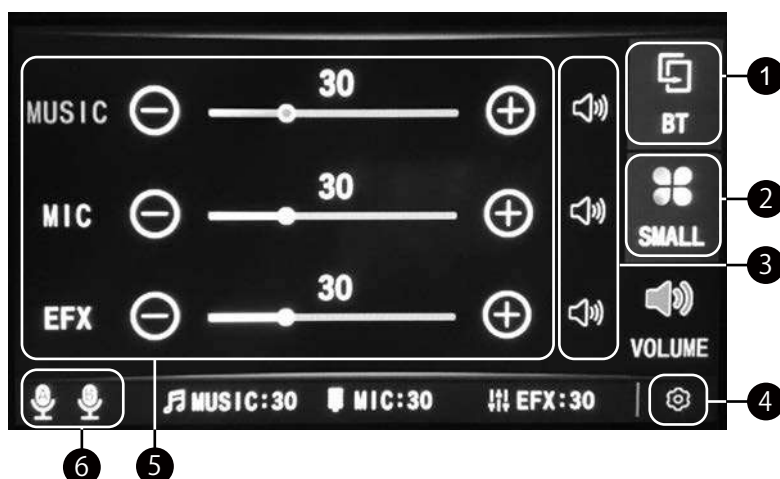
- 1 MODE**
Can be change the MODE.
- 2 Mute Button**
- 3 Input Button**
Can be select the Input signals.
MP3/BT, HDMI, VOD, DVD, OPTICAL, ARC.
- 4 FBX Button**
To adjust Feed Back Canceller of MIC.
- 5 EFFECT Volume**
To adjust Effect volume.
- 6 MUSIC Volume**
To adjust Music volume.
- 7 MIC Volume**
To adjust MIC volume.
- 8 Key Control Button**
To adjust Music Interval tone Level.
b : To slow interval tone.
: To fast interval tone.
⏪ : Back to original.
- 9 Playback button**
⏪ : Reverse.
▶▶ : Playback
▶▶▶ : Fast forwarding.

HOW TO CONNECT



HARDWARE OPERATION

MAIN SCREEN INSTRUCTION



- 1 To The INPUT SELECTION SCREEN**
- 2 To The MODE SELECTION SCREEN**
- 3 MUTE Setting**
Can be Mute Music, MIC and Effect.
🔊 : unmute 🔊x : mute
- 4 To The SYSTEM SETUP SCREEN**
- 5 Volume Settings**
To adjust Music, MIC and Effect volume.
⊕ : volume up ⊖ : volume down
- 6 Wireless MIC Indicator**
Lights green when connected to a wireless microphone.

INPUT SELECTION SCREEN INSTRUCTION.



- 1 **Input Selection**
Can be choose the input. The selected input is displayed in a green frame.
- 2 **To The MODE SELECTION SCREEN**
- 3 **Spectrum Analyzer**
Spectrum analyzer can be turned on and off.
- 4 **To The MAIN SCREEN**

USB INPUT SCREEN INSTRUCTION



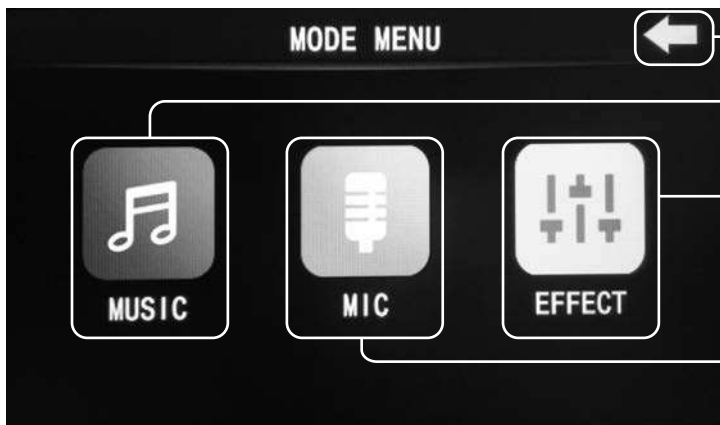
- 1 **Music Title List**
The folder name and song name are displayed. Can be select the song to play with the up and down buttons.
- 2 **Timeline of the song**
Can be set Play and Pause, Next and Previous.

MODE SELECTION SCREEN INSTRUCTION



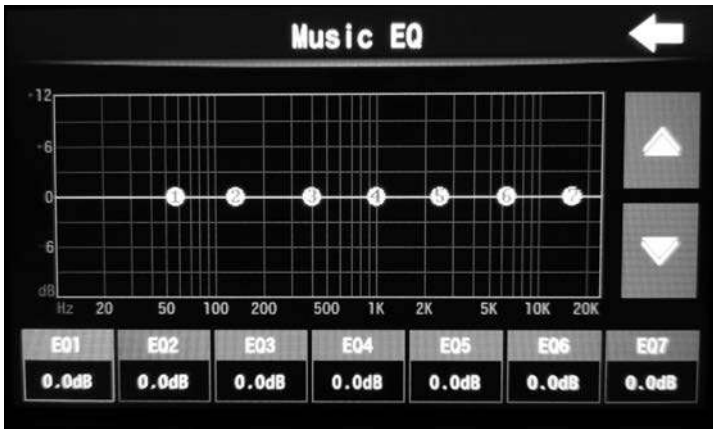
- 1 **MODE Selection And Setting**
Can be choose the MODE. The selected input is displayed in a green frame. Press and hold each mode button to display the MODE MENU SCREEN.
- 2 **To The INPUT SELECTION SCREEN**
- 3 **To The MAIN SCREEN**

MODE MENU SCREEN INSTRUCTION



- 1 **MUSIC Equalizer Setting**
- 2 **MIC Equalizer Setting**
- 3 **To The EFFECT SETTING SCREEN**
- 4 **Return**

MUSIC EQUALIZER SCREEN INSTRUCTION

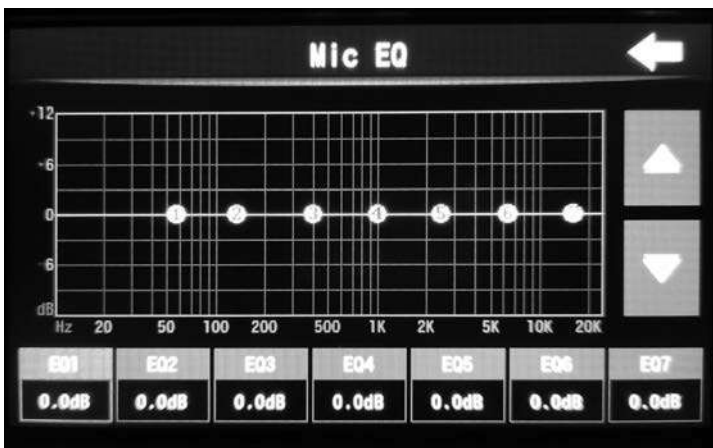


MUSIC EQUALIZER SETTING

Select the frequency band number you want to set first.
Adjust the gain with the up and down buttons.

- Frequency Band : 1 - 7
- EQ GAIN : -20dB - +12dB

MIC EQUALIZER SCREEN INSTRUCTION

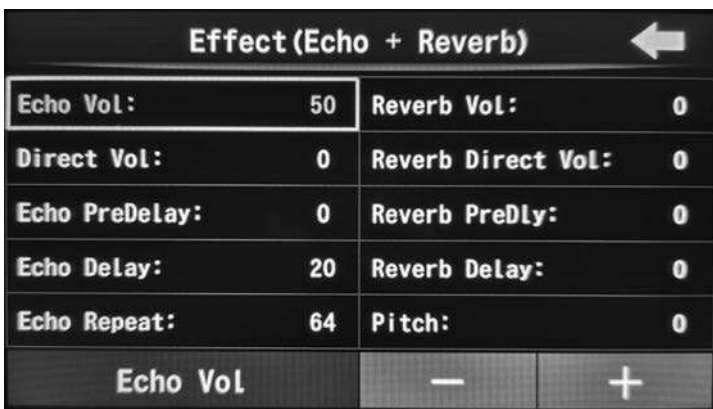


MIC EQUALIZER SETTING

Select the frequency band number you want to set first.
Adjust the gain with the up and down buttons.

- Frequency Band : 1 - 7
- EQ GAIN : -20dB - +12dB

EFFECT SCREEN INSTRUCTION

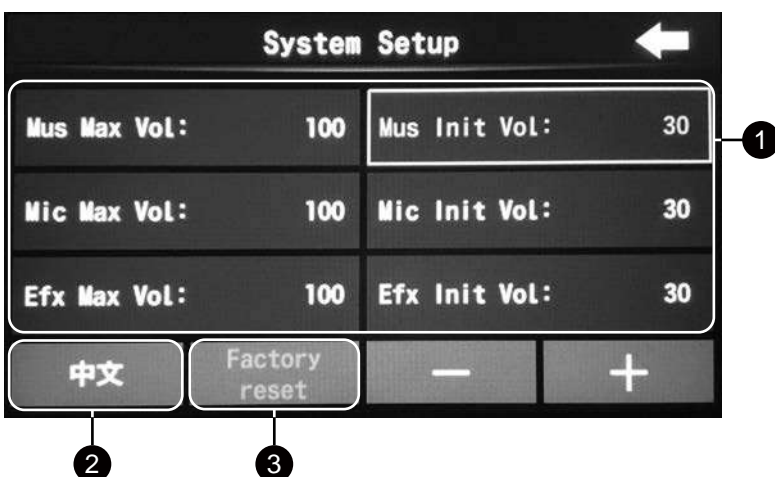


EFFECT SETTING METHOD

Select the Item you want to set first.
Adjust the value with the “+” and “-” buttons.

- Echo Vol : 0 - 100
- Direct Vol : 0 - 100
- Echo PreDelay : 0 - 50
- Echo Delay : 0 - 500
- Echo Repeat : 0 - 90
- Reverb Vol : 0 - 100
- Reverb Direct Vol : 0 - 100
- Reverb PreDelay : 0 - 50
- Reverb Delay : 0 - 5000
- Pitch : 10b - 10#

SYSTEM SETUP SCREEN INSTRUCTION.



1 MAX AND INITIAL VOLUME SETTING

Can be set max volume and initial volume.
Select the Item you want to set first.
Adjust the value with the “+” and “-” buttons.

- Mus Max Vol : 0 - 100
- Mic Max Vol : 0 - 100
- Efx Max Vol : 0 - 100
- Mus Init Vol : 0 - 100
- Mic Init Vol : 0 - 100
- Efx Init Vol : 0 - 100

2 Language switching

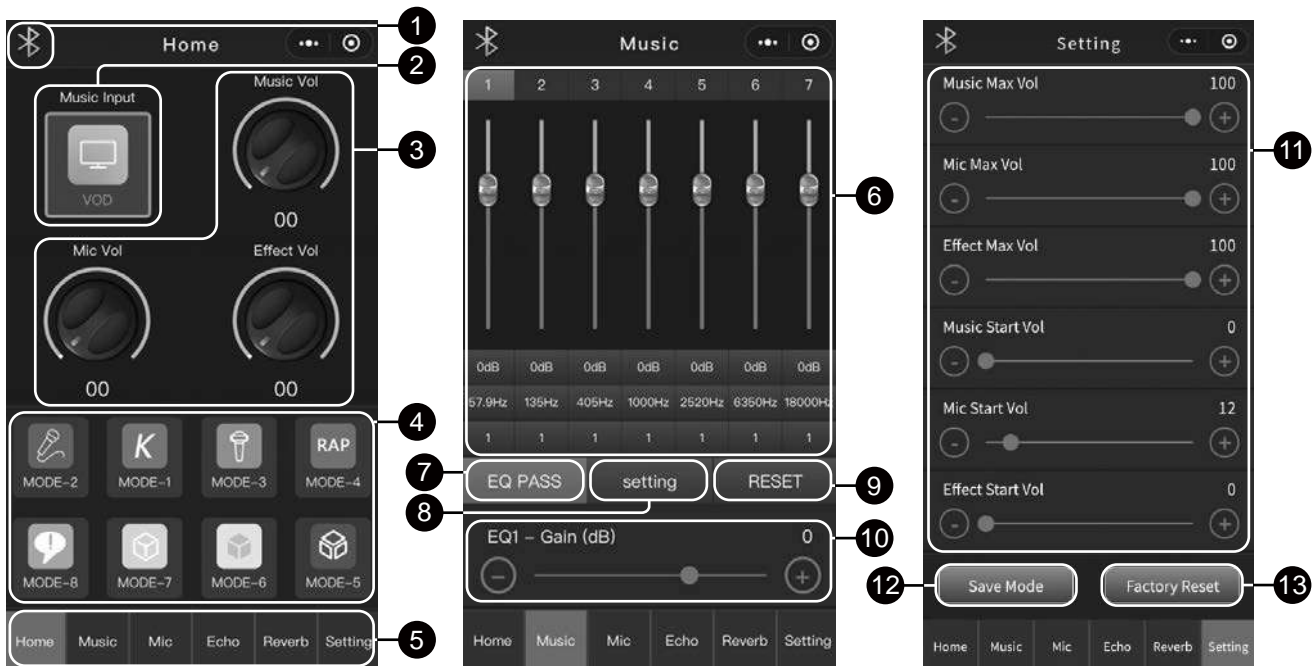
Can be choose English or Chinese.

3 Factory Reset

Return to shipping settings.

MOBILE PHONE OPERATION

1. Please Use WeChat application. Download “BDA-X35Plus” from BIK home page.
2. Please connect from the bluetooth ❶ on the main screen.
3. Can be operate it intuitively with this software.



❶ BLUETOOTH CONNECT INDICATOR

Can be connect the mobile phone with BDA-X35+.
When connected, it will be displayed in green.

❷ Music Input Select

Can be select the music source from BT, USB, HDMI, VOD, DVD, OPT and ARC.

❸ Music, Mic and Effect Volume

Can be set volume by turning the display volume.

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

❹ MODE Select

Can be adjust various values for each MODE.

❺ MODE MENU Select

Can be adjust Music, Mic, Echo, Reverb and System setting. Tap the button to switch the screen

❻ Graphic Equalizer

Can be adjust GAIN, frequency and “Q” of 7 band EQ.

- GAIN : -24dB - +12dB
- Frequency : 10.5Hz - 20060Hz
- Q : 0.4 - 128

❼ Equalizer PASS

Can be PASS 7 band EQ.

❽ Filter and Effect Setting

Can be adjust HP filter, LP filter and Effect.

- Echo Vol and Polarity : 0 - 100%, “+” or “-”
- Dir Vol and Polarity : 0 - 100%, “+” or “-”
- Echo PreDelay : 0ms - 50ms
- Echo DelayTime : 0 - 500ms
- Echo RDelay : 0.0ms - 40.0ms
- Echo RepeatRatio : 0 - 90%
- Reverb Vol : 0 - 100
- Reverb Direct Vol : 0 - 100
- Reverb PreDelay : 0 - 50
- Reverb Time : 0 - 5000
- Pitch : 10b - 10#

❾ Equalizer Value Reset

Can be reset equalizer value.

❿ Fine Adjustment

Can be fine adjust GAIN, frequency and “Q”.

⓫ Max and Initial Volume Setting

Can be set max volumes and initial volumes.

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

⓬ Save Mode

Can be save the setting value.
There are 8 memories.

⓭ Factory Reset

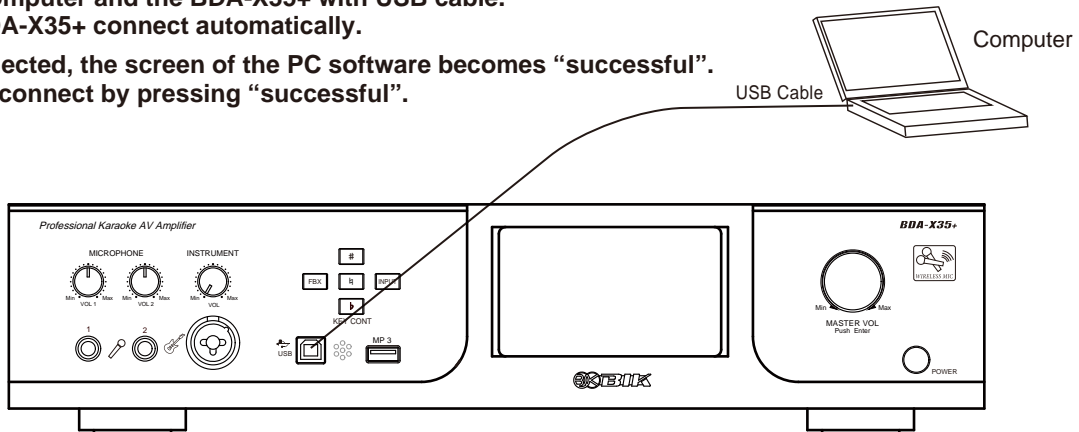
PC SOFTWARE OPERATION

1. Please download “BDA-X35+ PC SOFTWARE” from BIK home page.

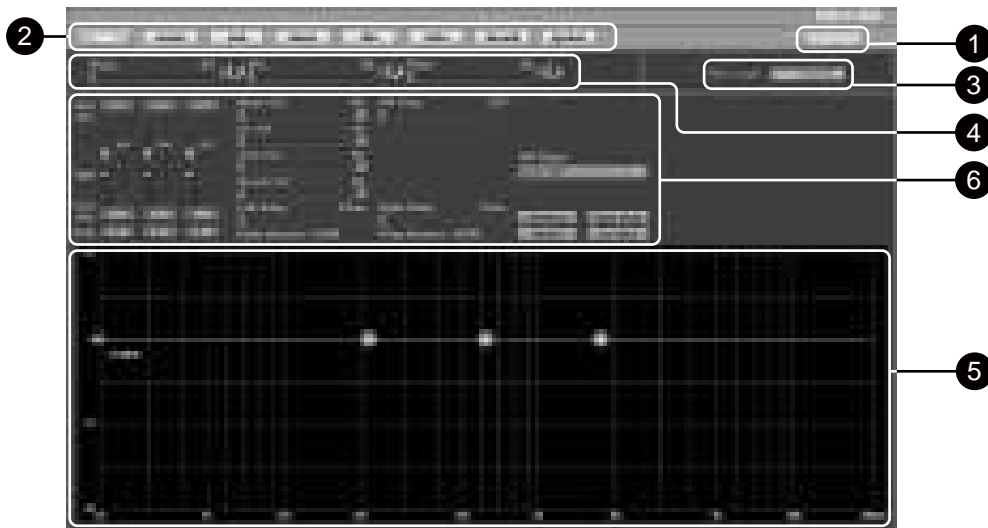
※ URL: <https://www.bik-audio.com/product/bda-x35plus/>

2. Connect computer and the BDA-X35+ with USB cable.
PC and BDA-X35+ connect automatically.

3. When connected, the screen of the PC software becomes “successful”.
Can be disconnect by pressing “successful”.



MAIN SCREEN INSTRUCTION



1 PC Connect Indicator

Can be connect the PC with BDA-X35+.
When connected, it will be displayed in green.

2 MODE MENU Select

Can be adjust various settings of
the selected MODE MENU.

3 Input Select

Select input from VOD, DVD, OPT, BT, HDMI 1, HDMI 2,
HDMI 3, ARC and MP3.

4 Music, Mic and Effect Volume

Can be adjust Music, Mic and Effect volumes.
Can be mute by pressing the “speaker button”.

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

🔊 : unmute 🔊x : mute

5 Graphic Equalizer

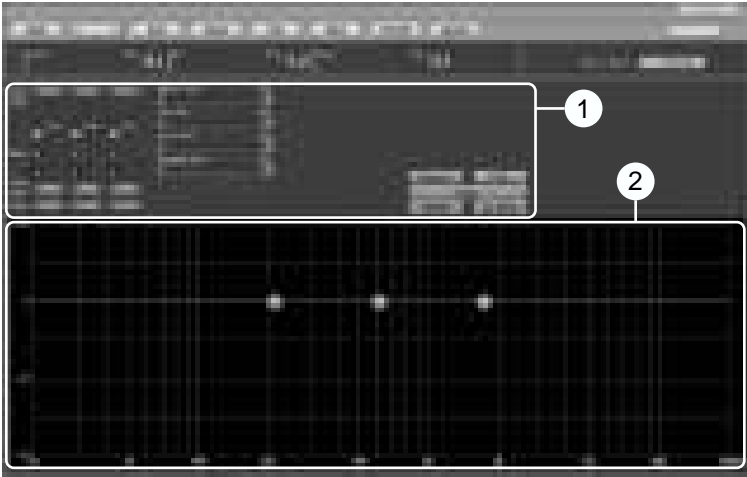
Can be adjust visually HPF and GAIN, frequency
and “Q” of 3 band EQ.

- GAIN : -24dB - +12dB
- Frequency : 19.7Hz - 20060Hz
- Q : 0.4 - 128

6 Equalizer and various values Setting

- Equalizer : 3 band
Can be fine adjust GAIN, Frequency and “Q”.
- Music Vol and Polarity : 0 - 100%, “+” or “-”
- Dir Vol and Polarity : 0 - 100%, “+” or “-”
- Echo Vol and Polarity : 0 - 100%, “+” or “-”
- Reverb Vol and Polarity : 0 - 100%, “+” or “-”
- Left Delay : 0.0 - 20.0ms
- Right Delay : 0.0 - 20.0ms
- HPF Freq : OFF - 20060Hz
- HPF Slope : Bessele, Butterworth, Link Riley
- Left Right Mute : Mute or Unmute
- RESET : Reset all EQ
- EQ PASS : Pass all EQ

CENTER SCREEN INSTRUCTION



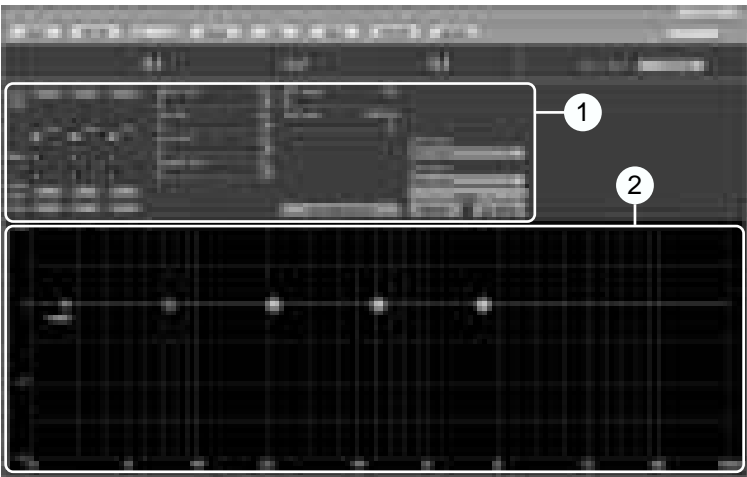
1 Equalizer and various values Setting

- Equalizer : 3 band
Can be fine adjust GAIN, Frequency and "Q".
GAIN : -24dB - +12dB
Frequency : 19.7Hz - 20060Hz
Q : 0.4 - 128
- Music Vol and Polarity : 0 - 100%, "+" or "-"
- Dir Vol and Polarity : 0 - 100%, "+" or "-"
- Echo Vol and Polarity : 0 - 100%, "+" or "-"
- Reverb Vol and Polarity : 0 - 100%, "+" or "-"
- Phase0° : 0° - 180°
- CEN : "CEN" or "SW/C"
When you touch "CEN", it becomes "SW/C", and the sound of the subwoofer is also mixed and output from the center output.
- Mute : Mute or Unmute
- RESET : Reset all EQ
- EQ PASS : Pass all EQ

2 Graphic Equalizer

Can be adjust visually GAIN, frequency and "Q" of 3 band EQ.

SUBWOOFER SCREEN INSTRUCTION



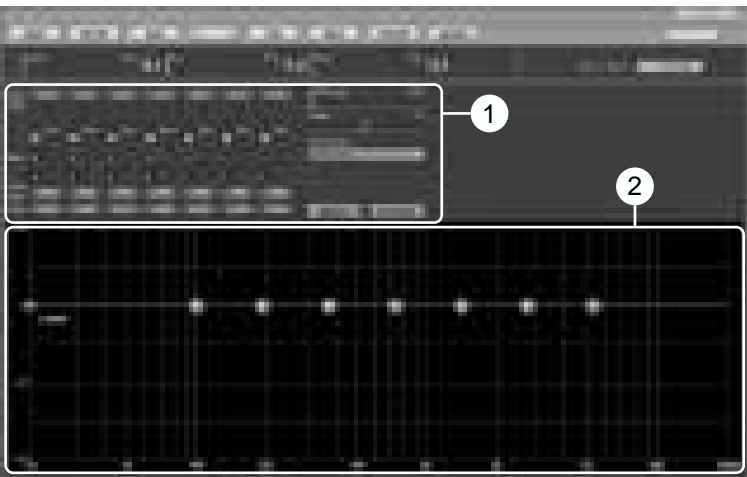
1 Equalizer and various values Setting

- Equalizer : 3 band
Can be fine adjust GAIN, Frequency and "Q".
GAIN : -24dB - +12dB
Frequency : 19.7Hz - 20060Hz
Q : 0.4 - 128
- Music Vol and Polarity : 0 - 100%, "+" or "-"
- Dir Vol and Polarity : 0 - 100%, "+" or "-"
- Echo Vol and Polarity : 0 - 100%, "+" or "-"
- Reverb Vol and Polarity : 0 - 100%, "+" or "-"
- HPF Freq : OFF - 20060Hz
- LPF Freq : 19.7Hz - 20060Hz
- HPF Slope : Bessele, Butterworth, Link Riley
- LPF Slope : Bessele, Butterworth, Link Riley
- CloseMicToSUB : "Close" or "OPEN"
Can be select whether to output the microphone sound source from the subwoofer output.
- Mute : Mute or Unmute
- RESET : Reset all EQ
- EQ PASS : Pass all EQ

2 Graphic Equalizer

Can be adjust visually HPF, LPF and GAIN, frequency and "Q" of 3 band EQ.

MUSIC SCREEN INSTRUCTION



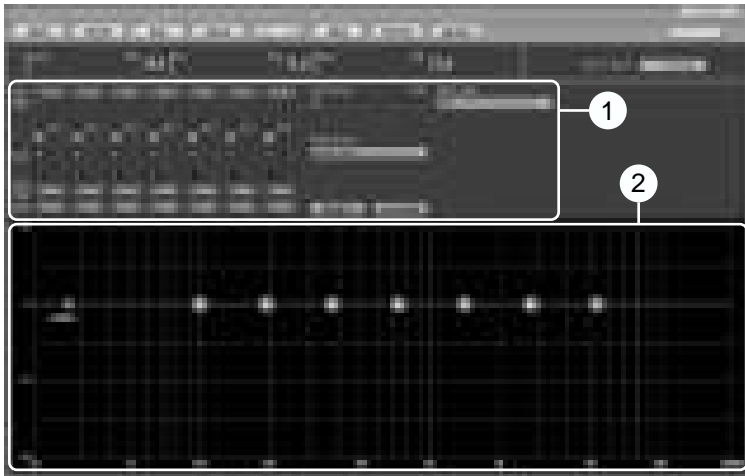
1 Equalizer and various values Setting

- Equalizer : 7 band
Can be fine adjust GAIN, Frequency and "Q".
GAIN : -24dB - +12dB
Frequency : 19.7Hz - 20060Hz
Q : 0.4 - 128
- HPF Freq : OFF - 20060Hz
- Shift : 10b - 0 - 10#
- HPF Slope : Bessele, Butterworth, Link Riley
- RESET : Reset all EQ
- EQ PASS : Pass all EQ

2 Graphic Equalizer

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

MIC SCREEN INSTRUCTION



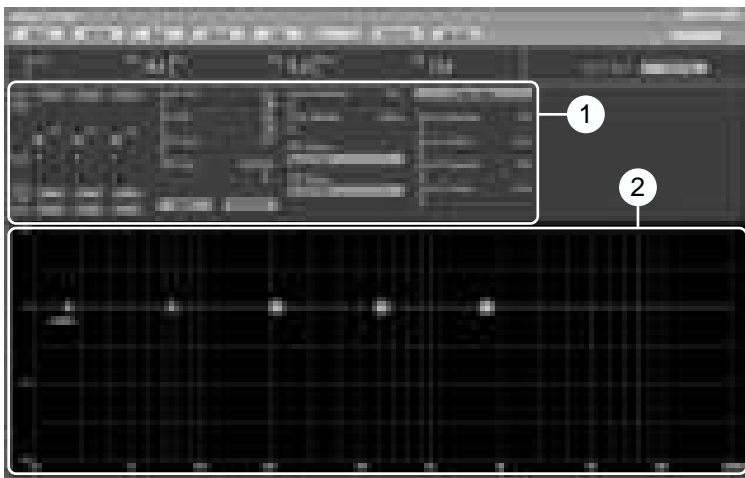
1 Equalizer and various values Setting

- Equalizer : 7 band
Can be fine adjust GAIN, Frequency and "Q".
GAIN : -24dB - +12dB
Frequency : 19.7Hz - 20060Hz
Q : 0.4 - 128
- HPF Freq : OFF - 20060Hz
- MIC_FBX : OFF - 3
- HPF Slope : Bessele, Butterworth, Link Riley
- RESET : Reset all EQ
- EQ PASS : Pass all EQ

2 Graphic Equalizer

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

ECHO SCREEN INSTRUCTION



1 Equalizer and various values Setting

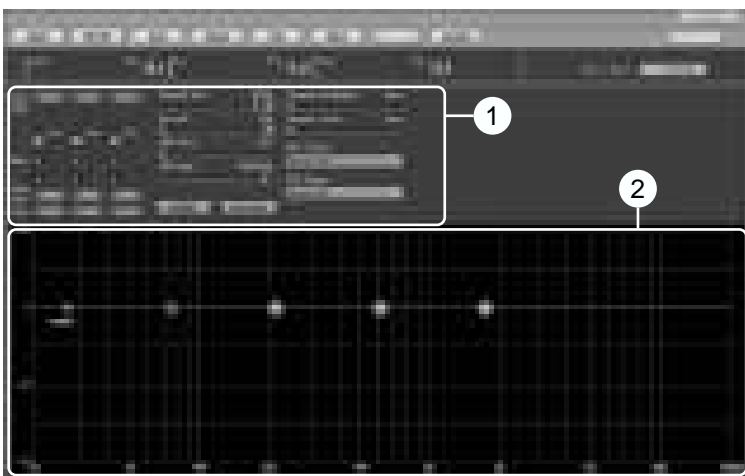
- Equalizer : 3 band
Can be fine adjust GAIN, Frequency and "Q".
GAIN : -24dB - +12dB
Frequency : 19.7Hz - 20060Hz
Q : 0.4 - 128

- Echo Vol and Polarity : 0 - 100%, "+" or "-"
- Dir Vol and Polarity : 0 - 100%, "+" or "-"
- Echo PreDelay : 0ms - 50ms
- Echo RDelay : 0.0ms - 40.0ms
- HPF Freq : OFF - 20060Hz
- LPF Freq : 19.7Hz - 20060Hz
- HPF Slope : Bessele, Butterworth, Link Riley
- LPF Slope : Bessele, Butterworth, Link Riley
- Echo + Rev : "+ Rev" or "+Echo"
Can be choose with or without reverb.
"+ Rev" : with Reverb, "+ Echo" : without Reverb
- Echo A Repeat : 0% - 90%
- Echo A Delay : 0ms - 500ms
- Echo B Repeat : 0% - 90%
- Echo B Delay : 0ms - 390ms
- RESET : Reset all EQ
- EQ PASS : Pass all EQ

2 Graphic Equalizer

Can be adjust visually HPF, LPF and GAIN, frequency and "Q" of 3 band EQ.

REVERB SCREEN INSTRUCTION



1 Equalizer and various values Setting

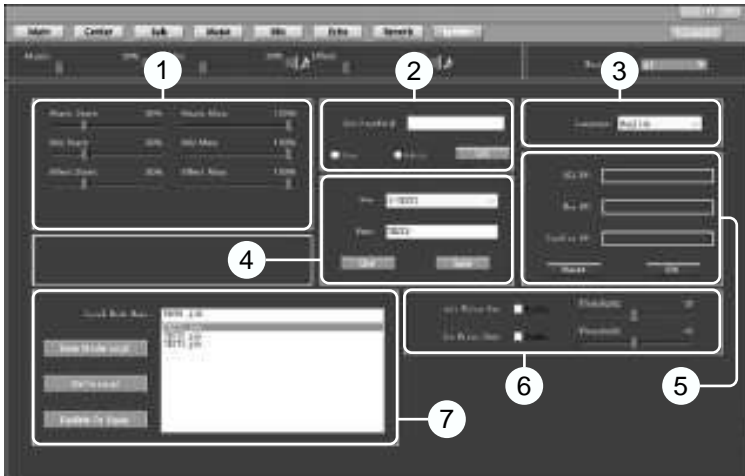
- Equalizer : 3 band
Can be fine adjust GAIN, Frequency and "Q".
GAIN : -24dB - +12dB
Frequency : 19.7Hz - 20060Hz
Q : 0.4 - 128

- Reverb Vol and Polarity : 0 - 100%, "+" or "-"
- Dir Vol and Polarity : 0 - 100%, "+" or "-"
- Reverb PreDelay : 0ms - 100ms
- Reverb Time : 0ms - 5000ms
- HPF Freq : OFF - 20060Hz
- LPF Freq : 19.7Hz - 20060Hz
- HPF Slope : Bessele, Butterworth, Link Riley
- LPF Slope : Bessele, Butterworth, Link Riley
- RESET : Reset all EQ
- EQ PASS : Pass all EQ

2 Graphic Equalizer

Can be adjust visually HPF and GAIN, frequency and "Q" of 3 band EQ.

SYSTEM SCREEN INSTRUCTION



1 MAX AND INITIAL VOLUME SETTING

Can be set max volume and initial volume.

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

2 Sys PassWord

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

3 Language

Can be choose English or Chinese.

4 Hardware Memory

Each setting can be saved in hardware memory and the saved value can be recalled.
Can be change the name freely.

5 Change Password

Can be set a new password. Enter current password first, then enter new password.

6 Noise Gate

Can be adjust Noise Gate of Music and MIC.
Turn on by checking the check box.

- Music Noise Gate Threshold : 0 - 20.
- Mic Noise Gate Threshold : 0 - 20.

7 PC Memory

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. The filename extension is ".jib".

- Save Mode Local : Save to PC with the Original name.
- Del In Local : Delete the file with that name from PC.
- Update To Equip : Copy the settings saved on PC Memory to hardware Memory.

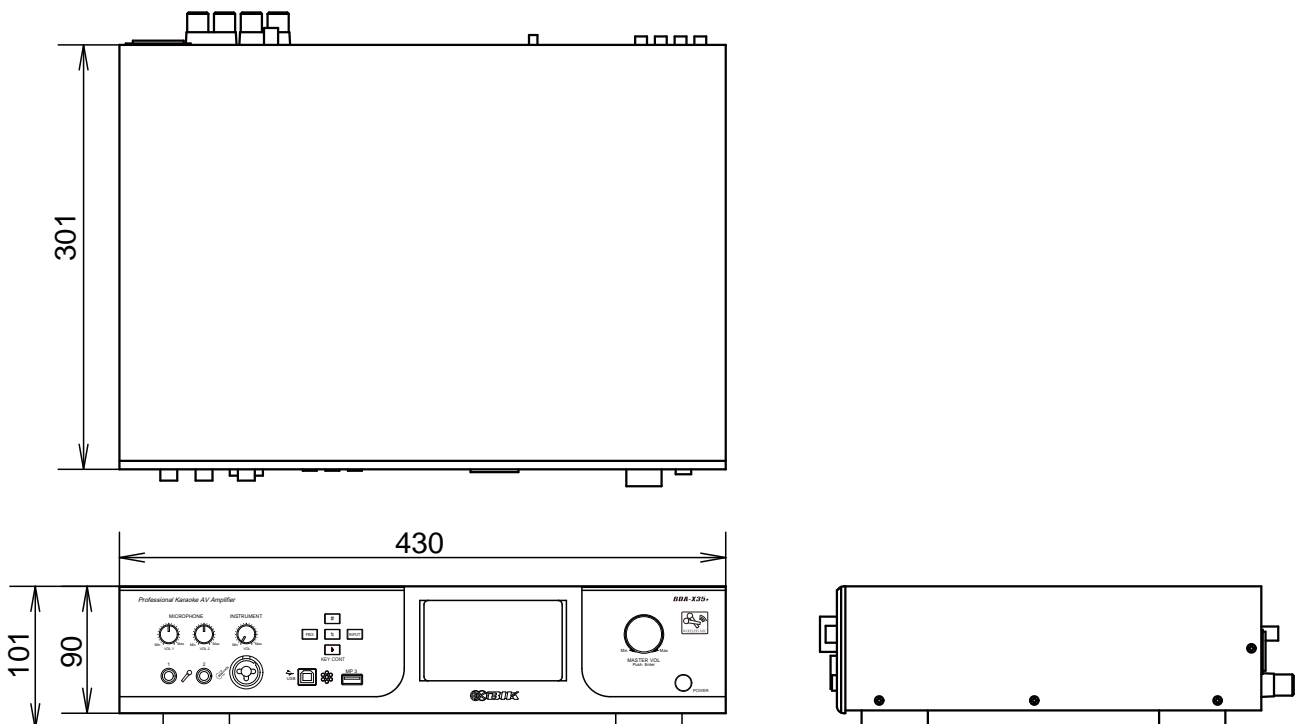
ANY TROUBLES?

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"> ● Echo volume is minimum. 	<ul style="list-style-type: none"> ● Adjust the Echo volume.
No sound and no video at a HDMI connection.	<ul style="list-style-type: none"> ● A connection of a HDMI cord is loose. ● The HDMI cord broken. 	<ul style="list-style-type: none"> ● Connect it correctly once again. ● Change HDMI cord to new ones.
Wireless microphone can not switch ON.	<ul style="list-style-type: none"> ● Is a battery included? ● Batteries ran down. 	<ul style="list-style-type: none"> ● Please put a battery in. ● Change batteries to new ones.
Noize out of microphone	<ul style="list-style-type: none"> ● Receiver volume is set " Minimum " position? ● Obstacle wave is disturbing? 	<ul style="list-style-type: none"> ● Turn up Receiver volume. ● Set another channel.

SPECIFICATIONS



Max output power	350W + 350W /8Ω	Wireless Microphone	
	500W + 500W /4Ω	Modulation Mode	pi/4 DQPSK, digitally modulating
Total Harmonic Distortion	0.09% (max)	Signal Reception	pi/4 DQPSK, digitally receiving
S/N Ratio	87dB	RF Frequency Range	635-695MHz
Speaker Impedance	4 - 8Ω	Switching Bandwidth	300 KHz
Audio Input		Available Channels	38 CH (MIC-A: 0 -18 CH, MIC-B: 21 - 38CH)
VOD, DVD	320mV	Max Working Distance	30m
Optical, Bluetooth		RF Output Power	10mW
MIC Input		Frequency Stability	±20ppm
MIC-1, MIC-2	10mV	S/N Ratio	96dB
MIC-A, MIC-B	15mV	Total Harmonic Distortion	0.5% (max)
Instrument Input	190mV	AF Frequency Response	30Hz - 18KHz, ±2dB
REC Output	1.6V	MIC Sensitivity	-51dBV
Center Output	1.6V	Receiver Sensitivity	-95dBm
Sub woofer Output	1.6V	Power supply, Others	
Frequency response		Power Voltage	AC220V - 240V / 50Hz
Microphone	20Hz - 20KHz±3dB	Power consumption	800W
Music	20Hz - 20KHz±3dB	Dimensions (W X H X D)	430 X 101X 301 mm
Equalizer		Weight	10.2 Kg
Music	7 band	Accessories	
MIC	7 band	Owner's manual	1
Center	3 band	Power Cable	1
Subwoofer	3 band	Wireless Microphone	(MIC-A, MIC-B) 2
Echo	3 band	Wireless Antena	1
Reverb	3 band	Bluetooth Antena	1
Key Control	±10 pitch	Remote Controller	1
HDMI Input (HDMI-1, HDMI-2, HDMI-3)	3 port	• Design and specifications subject to change without notice.	
HDMI ARC	1 port		
USB Input	1 port		



目录	安全注意事项	13	硬件操作	15	故障分析处理	22
	各部分的功能及名称	13	手机操作	18	产品规格	23
	连接方法	15	软件操作	19		

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

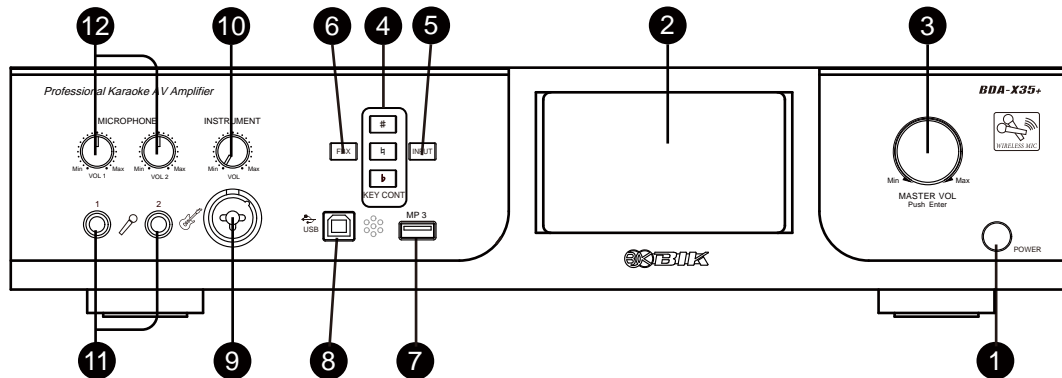
- 在使用时、如果有冒烟、异味、异音等异常现象发生、为避免发生火灾、触电现象等、请立即切断本机电源、然后拔下AC电源插头。确认没有再冒烟后、到贩卖店进行修理。
- 在使用时如有水或异物等混入机体内、首先切断机体电源、然后拔下电源插头。请尽快与经销商联系、进行修理。
- 在未进行维修的状态下使用、会引起火灾、触电现象等问题。
- 请勿分解、改装本机器、会引起火灾、触电、故障等现象。绝对不可以打开本机器的外壳、会引起触电事故。内部的检查、修理等请委托经销商。
- 请勿在浴室内使用、会引起火灾、触电等现象。
- 请防止机器进水或使机器受潮、会引起火灾、触电等现象。
- 电源插头不要插入电压（AC220V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

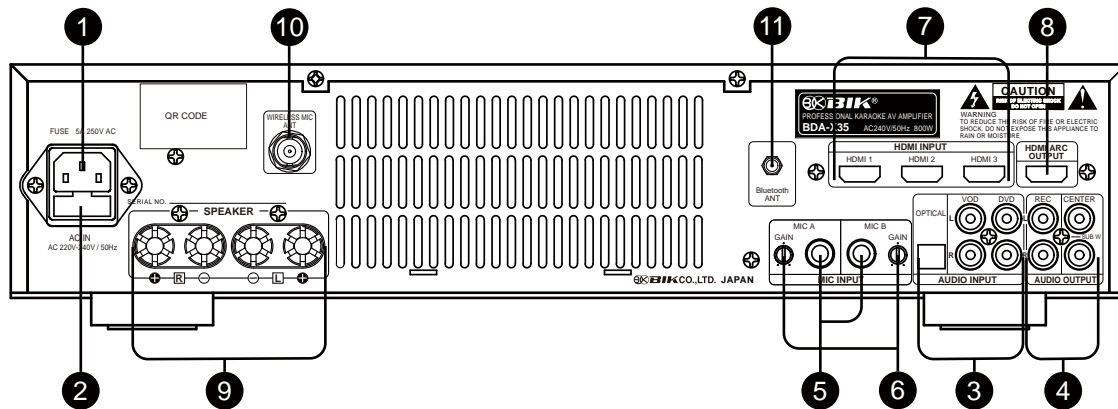
各部分的功能及名称

前面板



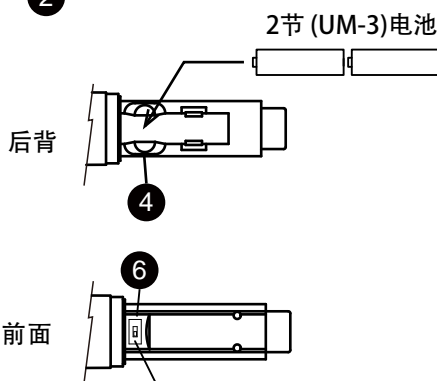
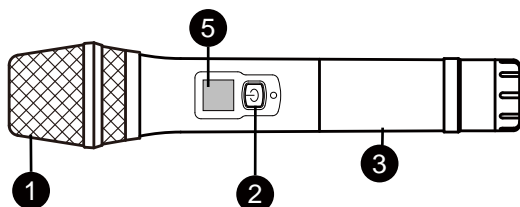
- | | |
|--|--|
| <p>1 电源开关
按一下ON、再按即为OFF</p> <p>2 显示屏</p> <p>3 音量调节旋钮
音乐、麦克风、效果的音量调节。</p> <p>4 升降调按钮
b:降调、#:升调、q:复原</p> <p>5 输入切换按钮
按此按键的时候会依据BT,USB,HDMI-1,HDMI-2,HDMI-3,VOD,DVD,OPT,ARC的顺序切换信号。</p> <p>6 啸叫抑制按钮</p> | <p>7 USB输入端子(MP3)</p> <p>8 USB端子
电脑连接口。</p> <p>9 乐器输入端子</p> <p>10 乐器音量旋钮
乐器总音量的调节。</p> <p>11 麦克风输入端子
可以插入2支麦克风 (MIC 1、MIC 2)</p> <p>12 单只麦克风音量旋钮
MIC 1、MIC 2、麦克风的音量可以分别调节。</p> |
|--|--|

后背板

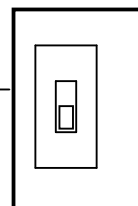


- 1 电源线插座**
电源电压 AC 220 - 240V / 50Hz
- 2 保险丝**
- 3 音频信号输入端子**
VOD, DVD, 数字光纤
- 4 音频信号输出端子**
录音, 中置, 超低输出。
只有高清HDMI信号输入时才有中置和超低音输出。
- 5 麦克风输入端子**
连接MIC-A, MIC-B
- 6 麦克风音量旋钮**
输入音量的调节旋钮
- 7 HDMI 输入端子**
连接HDMI-1, HDMI-2, HDMI-3
- 8 HDMI ARC 输出端子**
- 9 音箱端子**
4 - 8Ω
- 10 麦克风天线端子**
连接附属天线
- 11 蓝牙天线端子**
连接附属蓝牙天线

无线麦克风



- 1 网头及音头模组**
- 2 电源开关 / 频道设定按键**
- 3 麦克风管体**
- 4 电池窗**
2节 (UM-3) 电池
- 5 显示屏**
 - Ⓐ 显示频道
 - Ⓑ 显示电池电量
- 6 “HI”、“LO” 开关**
调整电波的强度。



LO: 近距离使用
HI: 远距离使用

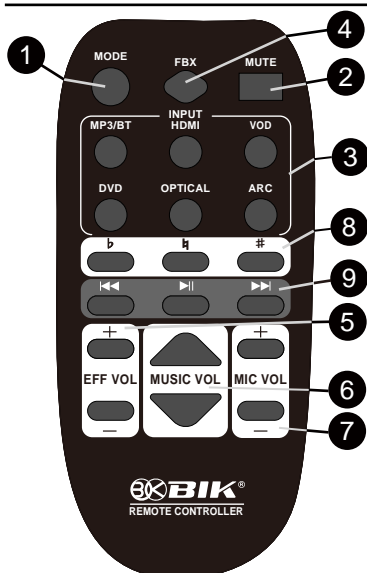
● 频道的设定方法

1. 将话筒靠近前面板
2. 按动话筒的电源开关, 设定频道。



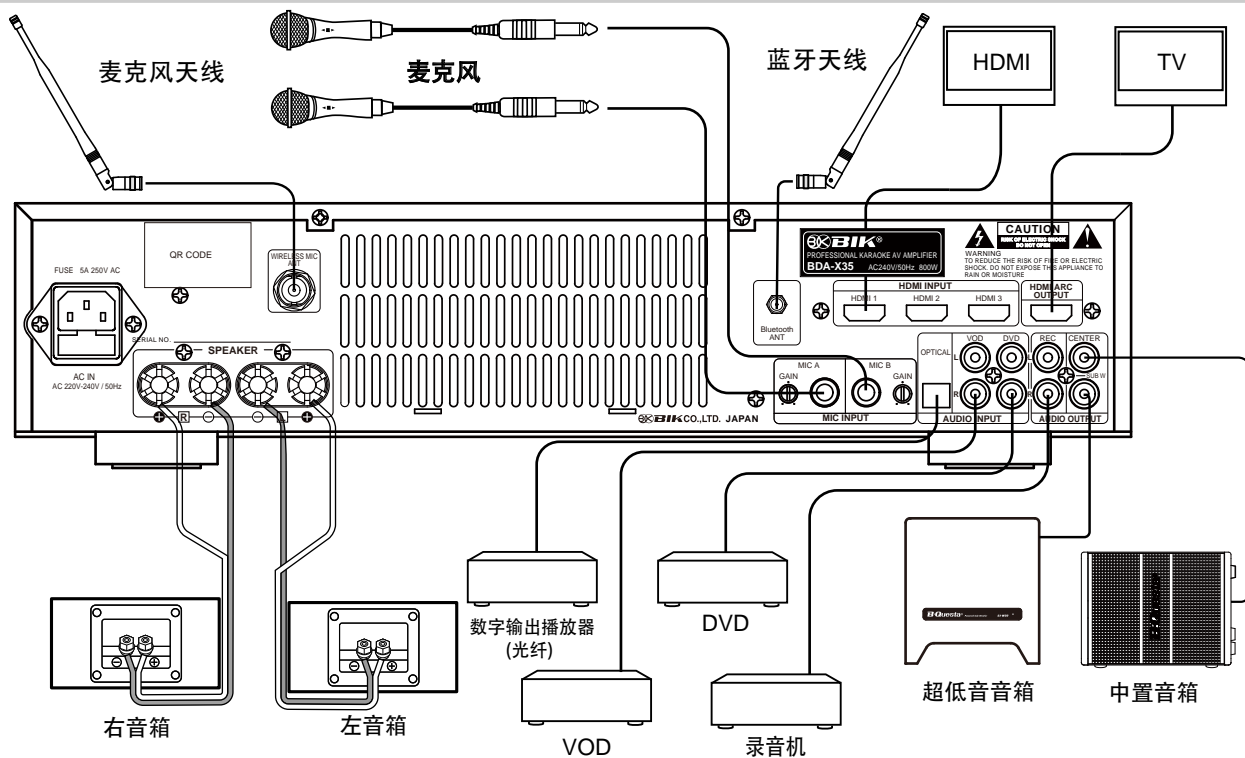
3. 频道将会自动设定。

遥控器



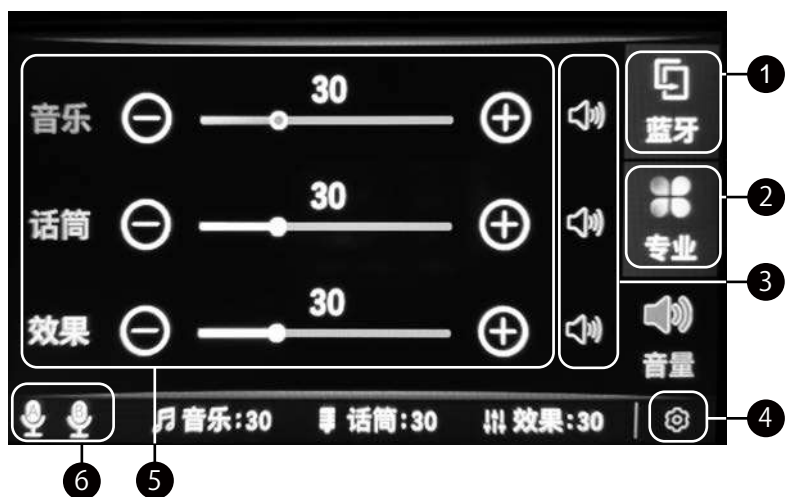
- ① 音效模式
- ② 静音
- ③ 切换音源输入
MP3/BT、HDMI、VOD、DVD
OPTICAL、ARC。
- ④ 啸叫抑制
- ⑤ 效果音量调节
- ⑥ 音乐音量调节
- ⑦ 麦克风音量调节
- ⑧ 声调调节
b: 降调
#: 升调
#: 复原
- ⑨ 播放控制
⏮: 上一曲
⏸: 播放/暂停
⏭: 下一曲

连接方法



硬件操作

主界面



- ① 到输入选择界面
- ② 到效果选择界面
- ③ 静音设置
🔇: 无静音 🔊: 静音
- ④ 到系统界面
- ⑤ 音量设置
音乐, 话筒音量大小调节, 音效大小调节。
- ⑥ 无线麦克风指示灯
当无线麦克风连接成功时, 灯亮。

输入选择界面



- ① 输入选择
选定的输入窗口变为绿色。
- ② 到效果选择界面
- ③ 频谱设定开关
当设定ON时，当音量达到设定数值主屏幕会切换显示频谱图。
- ④ 到主界面

USB(MP3)输入界面



- ① 播放列表
显示文件与歌曲的名称，
通过上下按键选择要播放的歌曲。
- ② 歌曲的播放时间
可以操作播放，停止，下一首，上一首歌曲。

模式选择界面



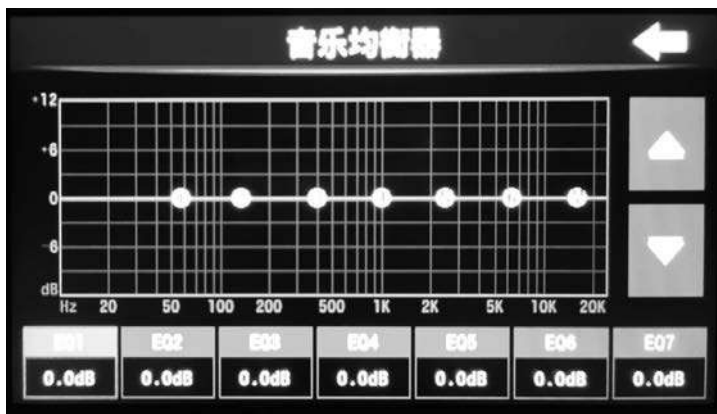
- ① 选择模式
被选择的模式显示绿色边框。
长按各模式进入其相应的详细模式菜单。
- ② 到输入选择屏幕
- ③ 到主屏幕

模式菜单



- ① 到音乐图形均衡器
- ② 到麦克风图形均衡器
- ③ 到效果菜单
- ④ 返回

音乐均衡器

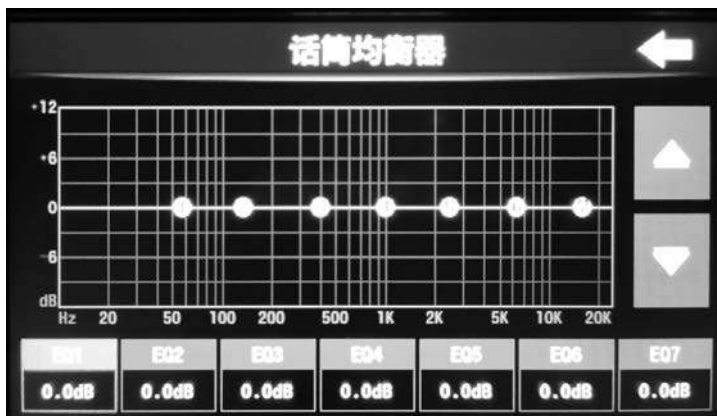


音乐均衡器设置

选择要设定的频带。
用上下按钮调整增益。

- 频段：1 - 7
- 增益：-20dB - +12dB

麦克风均衡器



麦克风均衡器设置

选择要设定的频带。
用上下按钮调整增益。

- 频段：1 - 7
- 增益：-20dB - +12dB

效果菜单



效果菜单操作

选择要设定的项目，用+和-按钮调整。

- 回声音量：0 - 100
- 直达声音量：0 - 100
- 回声预延时：0 - 50
- 回声延时：0 - 500
- 回声重复比率：0 - 90
- 混响音量：0 - 100
- 混响直达声音量：0 - 100
- 混响预延时：0 - 50
- 混响延时：0 - 5000
- 变调：10b - 10#

系统菜单



- 1 设置最大音量和初始音量
选择要设定的项目，用+和-按钮调整。

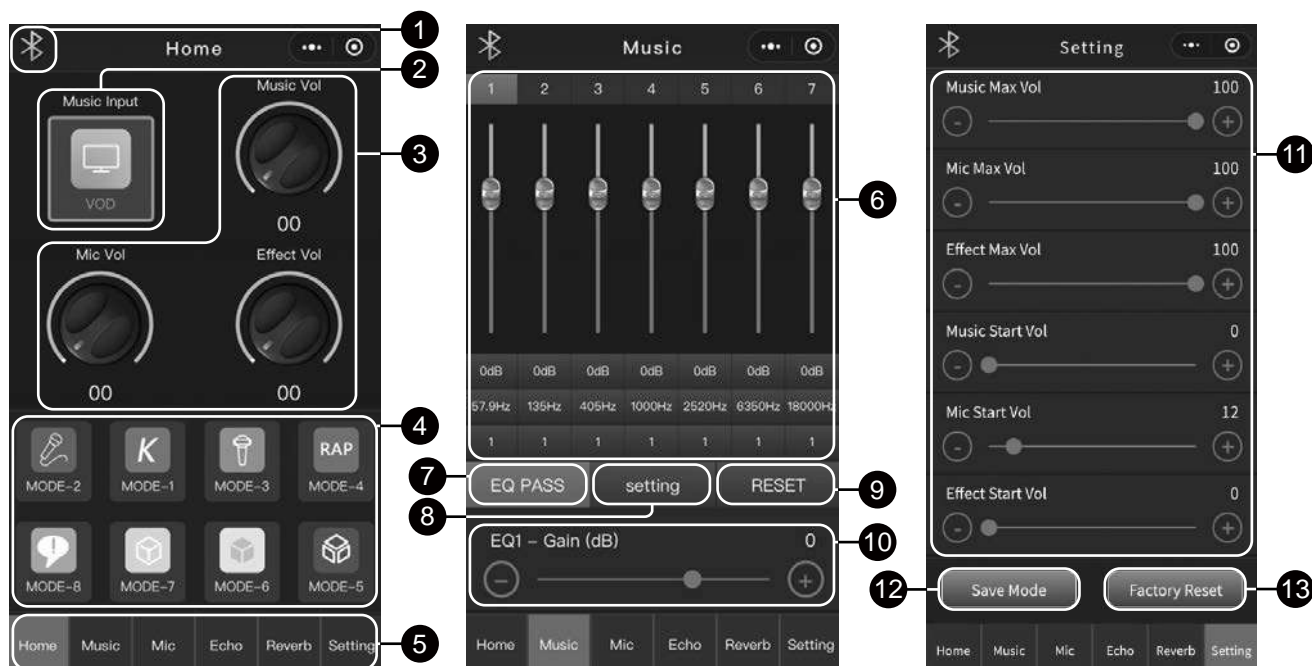
- 音乐最大音量：0 - 100
- 话筒最大音量：0 - 100
- 效果最大音量：0 - 100
- 音乐开机音量：0 - 100
- 话筒开机音量：0 - 100
- 效果开机音量：0 - 100

- 2 语言切换
可以切换英文和中文。

- 3 出厂设置
恢复到出厂设置。

手机操作

1. 请使用微信应用程序。软件请从BIK的主页下载。
2. 请按主界面的 ❶ 连接蓝牙。
3. 各种设置功能都可以使用此软件直接进行。



- ❶ 蓝牙连接显示**
连接手机和BDA-X35+。连接成功时显示绿色。
- ❷ 输入选择**
从VOD, DVD, OPT, BT, HDMI 1, HDMI 2, HDMI 3, ARC和MP3中选择输入信号。
- ❸ 音量设置**
通过转动屏幕的音量旋钮可以调整音量。
 - Music : 0 - 100
 - Mic : 0 - 100
 - Effect : 0 - 100
- ❹ 选择模式**
可以在各模式下调整各种设置。
- ❺ 选择模式菜单**
可以调整音乐、麦克风、回声、混响、系统设置。
点击按钮后显示各个画面。
- ❻ 均衡器**
可以调整7波段EQ的增益、频率和Q值。
 - GAIN : -24dB - +12dB
 - Frequency : 10.5Hz - 20060Hz
 - Q : 0.4 - 128
- ❼ EQ 复位 (直通)**
- ❽ 过滤器和效果设置**
可以调整HPF和LPF的效果。
 - Echo Vol and Polarity : 0 - 100%, "+" or "-"
 - Dir Vol : 0 - 100%, "+" or "-"
 - Echo PreDelay : 0ms - 50ms
 - Echo DelayTime : 0 - 500ms
 - Echo RDelay : 0.0ms - 40.0ms
 - Echo RepeatRatio : 0 - 90%
 - Reverb Vol : 0 - 100
 - Reverb Direct Vol : 0 - 100
 - Reverb PreDelay : 0 - 50
 - Reverb Time : 0 - 5000
 - Pitch : 10b - 10#
- ❾ 重置均衡器设置值**
- ❿ 微调**
可以微调调整7波段EQ的增益、频率和Q值。
- ⓫ 设置最大音量和初始音量**
 - Music Start : 0 - 100
 - Mic Start : 0 - 100
 - Effect Start : 0 - 100
 - Music Max : 0 - 100
 - Mic Max : 0 - 100
 - Effect Max : 0 - 100
- ⓬ 硬件存储器**
保存设置的效果。可以保存8种效果。
- ⓭ 出厂设置**

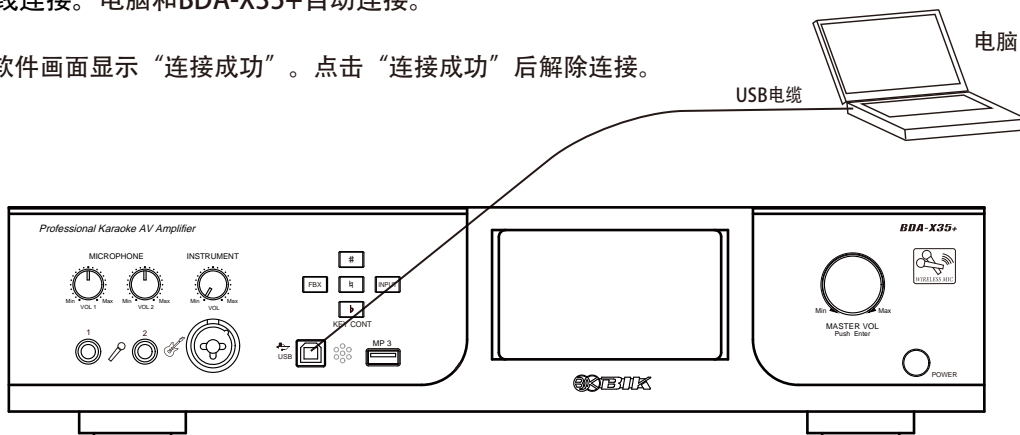
软件操作

1. BDA-X35+ 的调试软件请在BIK官方网站下载。

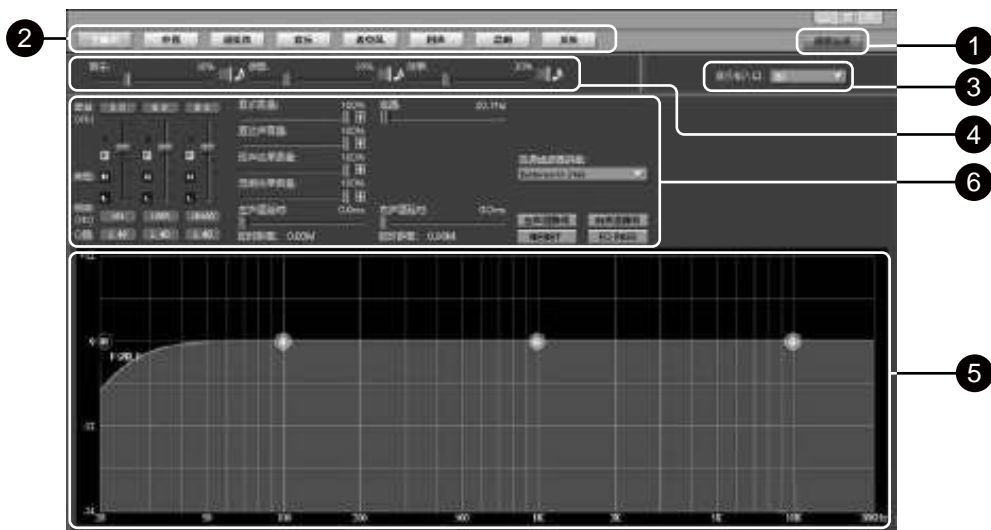
※ URL: <https://www.bik-audio.com/product/bda-x35plus/>

2. 用USB连接线连接。电脑和BDA-X35+自动连接。

3. 连接后电脑软件画面显示“连接成功”。点击“连接成功”后解除连接。



主界面操作



1 电脑连接显示

连接电脑和BDA-X35+。连接成功时显示绿色。

2 系统菜单

可调整所选模式菜单的各种数值。

3 输入选择

从VOD, DVD, OPT, BT, HDMI 1, HDMI 2, HDMI 3, ARC和MP3中选择输入信号。

4 音量设置

音乐、麦克风、效果的音量调节。
按扬声器图标即变为静音。

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

🔊：无静音

🔇：静音

5 图形均衡器

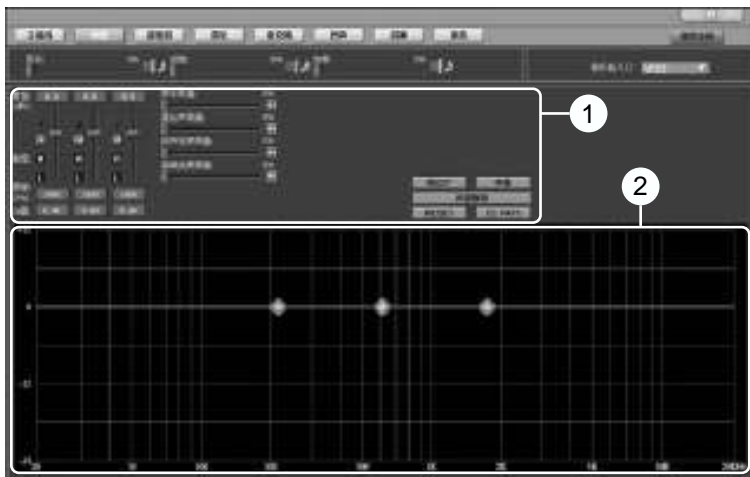
三个带均衡器的HPF和GAIN、频率和Q值可以调节。

- 增益：-24dB - +12dB
- 频率：19.7Hz - 20060Hz
- Q：0.4 - 128

6 调整配置均衡器和各种项目

- 频段：3
可以调整3波段EQ的增益、频率和Q值。
- 音乐音量, 极性：0 - 100%, “+” or “-”
- 直达声音量, 极性：0 - 100%, “+” or “-”
- 回声效果音量, 极性：0 - 100%, “+” or “-”
- 混响效果音量, 极性：0 - 100%, “+” or “-”
- 左声道延时：0.0 - 20.0ms
- 右声道延时：0.0 - 20.0ms
- 高通：OFF - 20060Hz
- 高通滤波器斜率：Bessele, Butterworth, Link Riley
- 左, 右声道：无静音 - 静音
- RESET：Reset all EQ
- EQ PASS：Pass all EQ

中置界面操作

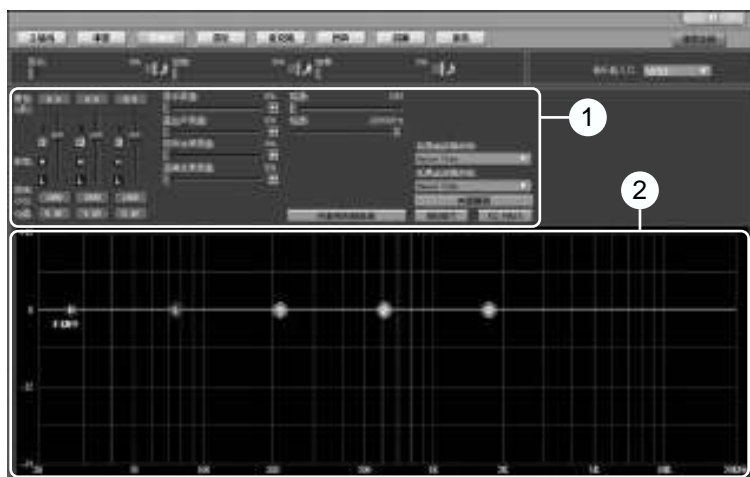


2 图形均衡器
三个带均衡器的HPF和GAIN、频率和Q值可以调节。

1 调整配置均衡器和各种项目

- 频段：3
可以调整3波段EQ的增益、频率和Q值。
增益：-24dB - +12dB
频率：19.7Hz - 20060Hz
Q：0.4 - 128
- 音乐音量, 极性：0 - 100%, “+” or “-”
- 直达声音量, 极性：0 - 100%, “+” or “-”
- 回声效果音量：0 - 100%, “+” or “-”
- 混响效果音量：0 - 100%, “+” or “-”
- 相位0°：0° - 180°
- 中置：“中置” or “低音中置”
按“中置”按钮时，即设置为“低音中置”，低音输出和中置输出混合在一起输出。
- 声道静音：无静音 - 静音
- RESET：Reset all EQ
- EQ PASS：Pass all EQ

超低音界面操作

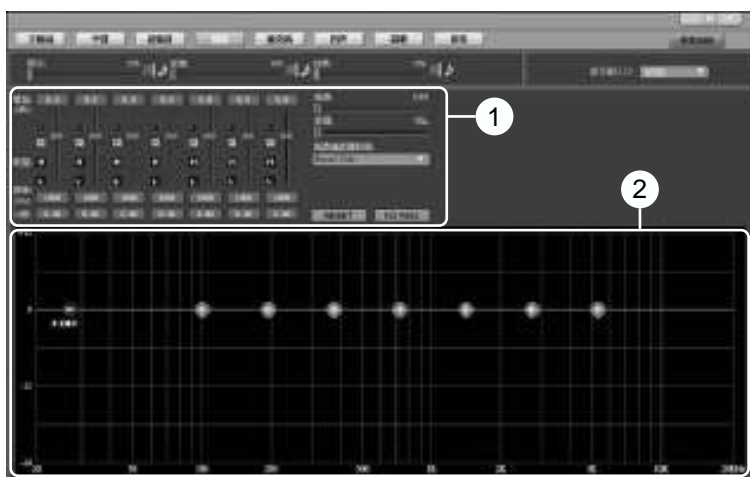


2 图形均衡器
三个带均衡器的HPF和GAIN、频率和Q值可以调节。

1 调整配置均衡器和各种项目

- 频段：3
可以调整3波段EQ的增益、频率和Q值。
增益：-24dB - +12dB
频率：19.7Hz - 20060Hz
Q：0.4 - 128
- 音乐音量, 极性：0 - 100%, “+” or “-”
- 直达声音量, 极性：0 - 100%, “+” or “-”
- 回声效果音量：0 - 100%, “+” or “-”
- 混响效果音量：0 - 100%, “+” or “-”
- 高通：OFF - 20060Hz
- 低通：19.7Hz - 20060Hz
- 高通滤波器斜率：Bessele, Butterworth, Link Riley
- 低通滤波器斜率：Bessele, Butterworth, Link Riley
- 无麦克风到低音：“无” or “开”
从低音输出中选择是否输出麦克风声音。
- 声道静音：无静音 - 静音
- RESET：Reset all EQ
- EQ PASS：Pass all EQ

音乐界面操作

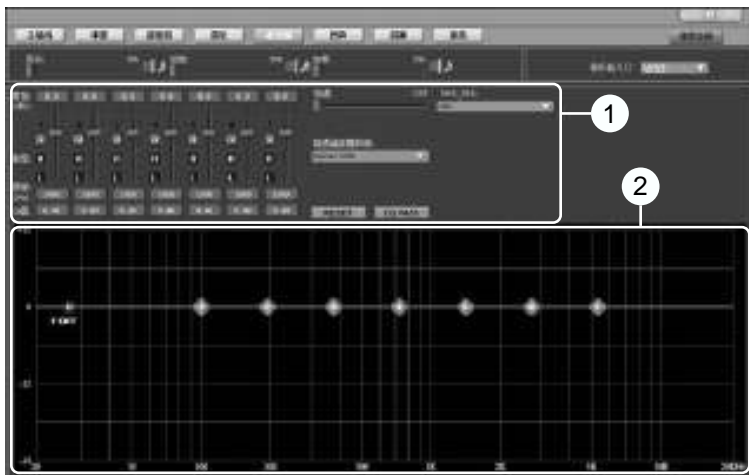


2 图形均衡器
七个带均衡器的HPF和GAIN、频率和Q值可以调节。

1 调整配置均衡器和各种项目

- 频段：7
可以调整7波段EQ的增益、频率和Q值。
增益：-24dB - +12dB
频率：19.7Hz - 20060Hz
Q：0.4 - 128
- 高通：OFF - 20060Hz
- 变调：10b - 0 - 10#
- 高通滤波器斜率：Bessele, Butterworth, Link Riley
- RESET：Reset all EQ
- EQ PASS：Pass all EQ

麦克风界面操作



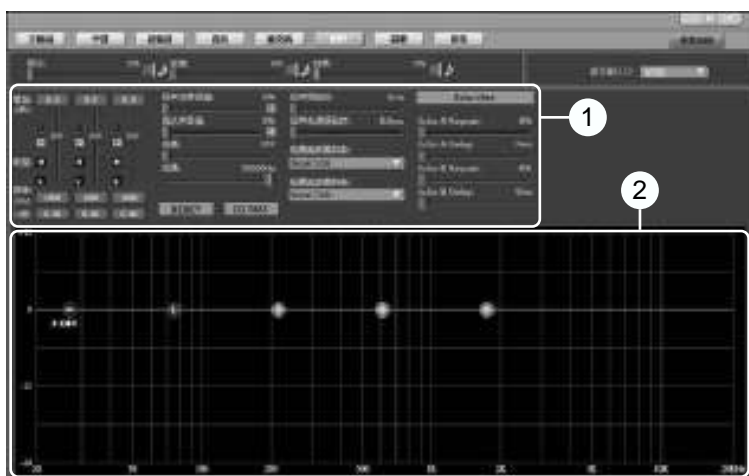
1 调整配置均衡器和各种项目

- 频段：7
可以调整7波段EQ的增益、频率和Q值。
增益：-24dB - +12dB
频率：19.7Hz - 20060Hz
Q：0.4 - 128
- 高通：OFF - 20060Hz
- MIC_FBX：OFF - 3
- 高通滤波器斜率：Bessele, Butterworth, Link Riley
- RESET：Reset all EQ
- EQ PASS：Pass all EQ

2 图形均衡器

- 七个带均衡器的HPF和GAIN、频率和Q值可以调节。

回声界面操作



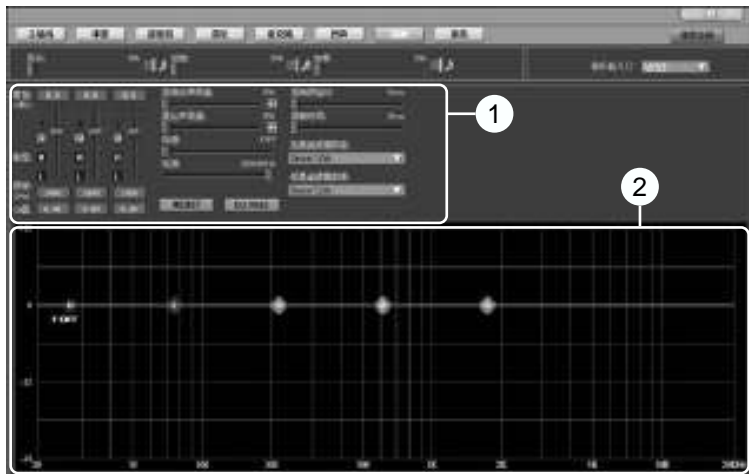
1 调整配置均衡器和各种项目

- 频段：3
可以调整3波段EQ的增益、频率和Q值。
增益：-24dB - +12dB
频率：19.7Hz - 20060Hz
Q：0.4 - 128
- 回声效果音量, 极性：0 - 100%, “+” or “-”
- 直达声音量, 极性：0 - 100%, “+” or “-”
- 回声预延时：0ms - 50ms
- 回声右通道延时：0.0ms - 40.0ms
- 高通：OFF - 20060Hz
- 低通：19.7Hz - 20060Hz
- 高通滤波器斜率：Bessele, Butterworth, Link Riley
- 低通滤波器斜率：Bessele, Butterworth, Link Riley
- Echo + Rev：“+ Rev” or “+Echo”
可以选择有无混响
- Echo A Repeat：0% - 90%
- Echo A Delay：0ms - 500ms
- Echo B Repeat：0% - 90%
- Echo B Delay：0ms - 390ms
- RESET：Reset all EQ
- EQ PASS：Pass all EQ

2 图形均衡器

- 三个带均衡器的HPF和GAIN、频率和Q值可以调节。

混响界面操作

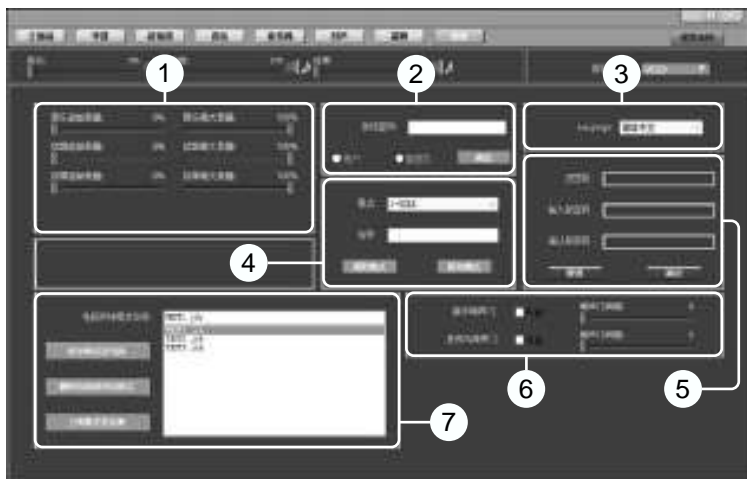


1 调整配置均衡器和各种项目

- 频段：3
可以调整3波段EQ的增益、频率和Q值。
增益：-24dB - +12dB
频率：19.7Hz - 20060Hz
Q：0.4 - 128
- 混响效果音量, 极性：0 - 100%, “+” or “-”
- 直达声音量, 极性：0 - 100%, “+” or “-”
- 混响预延时：0ms - 100ms
- 混响延时：0ms - 5000ms
- 高通：OFF - 20060Hz
- 低通：19.7Hz - 20060Hz
- 高通滤波器斜率：Bessele, Butterworth, Link Riley
- 低通滤波器斜率：Bessele, Butterworth, Link Riley
- RESET：Reset all EQ
- EQ PASS：Pass all EQ

2 图形均衡器

- 三个带均衡器的HPF和GAIN、频率和Q值可以调节。



1 设置最大音量和初始音量

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

2 系统密码

通过输入密码，可以通过管理者权限登录。管理员可以锁定设置，使得其不能改变。

3 语言切换

可以切换英文和中文。

4 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。

5 更改密码

可以设置新密码。请输入当前密码后输入新密码。

6 噪音门限

可以设置音乐和麦克风的噪音门。通过勾选开启。

- 音乐噪音门阈值：0 - 20.
- 麦克风噪音门阈值：0 - 20.

7 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。扩展名是“.jib”

- 保存模式到电脑：可以用任意的名字保存在电脑上
- 删除电脑保存的模式：删除电脑上记载的文件
- 上传模式到设备：将保存在电脑上的设定复制到硬盘上

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

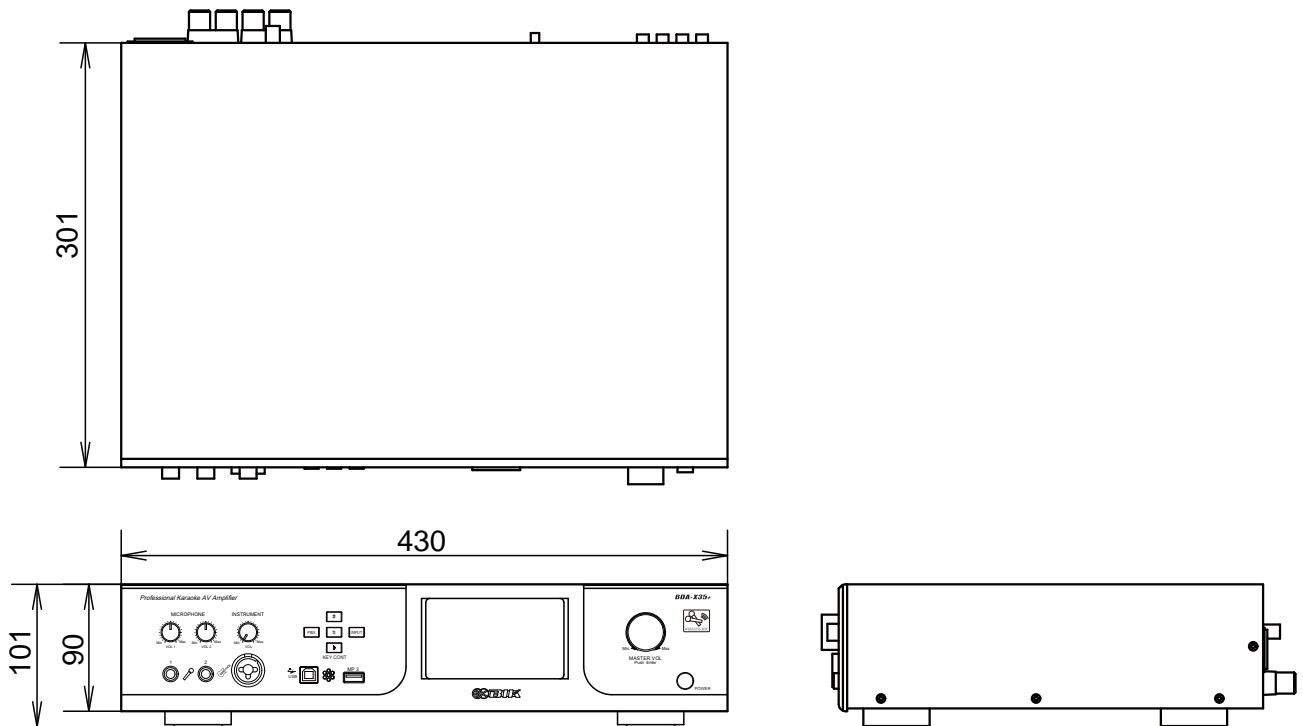
故障症状	原因	解决方法
不通电	● 电源线没有插好。	● 请插好电源插头，将旋钮调整到适当位置。
电源接通但是没有声音。	● 音乐旋钮或麦克旋钮设定在最小的位置。 ● 输入信号选择不正确。 ● 输出线与功率放大器的连接不正确。	● 调节适当的音量。 ● 请选择正确的音源信号。 ● 修正输出线与功能放大器间的连接。
接通电源、接入音乐信号，但是没有声音。	● 音量旋钮设定在最小状态。	● 设定到适当音量的位置。
有音乐声，但是麦克不出声音。	● 麦克的开关没有打开。 ● 麦克连接线有划伤损坏。 ● 麦克的插头没有连接好。	● 打开麦克风开关。 ● 修理或更换麦克风连接线。 ● 插好麦克风插头。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

最大输出功率	350W + 350W / 8 欧姆 500W + 500W / 4 欧姆
失真度 (THD)	≤ 0.09%
信噪比 (S/N)	87dB
音箱阻抗	4 - 8欧姆
音乐输入灵敏度	
VOD, DVD	320mV
Optical, Bluetooth	
麦克风输入灵敏度	
MIC-1, MIC-2	10mV
MIC-A, MIC-B	15mV
乐器输入灵敏度	190mV
录音输出	1.6V
中置输出	1.6V
超低音输出	1.6V
频率响应范围	
音乐	20Hz - 20KHz ±3dB
麦克风	20Hz - 20KHz ±3dB
均衡器	
音乐	7频段
麦克风	7频段
中置	3频段
超低音	3频段
回声	3频段
混响	3频段
音调控制范围	±10 pitch
HDMI 输入 (HDMI 1, HDMI 2, HDMI 3)	TYPE A (3个)
HDMI ARC	TYPE A (1个)
USB 输入	(1个)

无线麦克风	
调制方式	pi/4 DQPSK, 数字调制
信号接收方式	pi/4 DQPSK, 数字接收
RF 频响范围	635-695MHz
可调带宽	300 KHz
可用频道	38 CH (MIC-A: 0 -18 CH, MIC-B: 21 - 38CH)
使用距离	30m
RF 输出功率	10mW
频率稳定度	±20ppm
信噪比 (S/N)	96dB
失真度 (THD)	≤ 0.5%
AF 频率响应	30Hz - 18KHz, ±2dB
麦克风输入灵敏度	-51dBV
接收机输入灵敏度	-95dBm
电源部分、其他	
电源电压	AC220V - 240V / 50Hz
电源功耗	800W
外形尺寸 (长×高×宽)	430 X 101 X 301 mm
净重	10.2 Kg
附件	
使用说明书	1个
电源适配器	1个
无线麦克风	(MIC-A, MIC-B) 2个
麦克风天线	1个
蓝牙天线	1个
遥控器	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. <http://www.bik-audio.com> Email. best-sound@bik-coltd.jp