

USER MANUAL



Thank you very much for purchasing our Karaoke A/V Amplifier. Before use, be sure to read through this manual page by page in order to make full use of this device. When using this device to encounter any problems or troubles, checking this manual can help you.

Catalog

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SAFE USE OF EQUIPMENT



Graphic explanation



A lightning-shaped arrow inside a triangular pattern indicates that there is an uninsulated enough dangerous voltage inside the warning device.



An exclamation point in a triangular graphic indicates that the printed matter attached to the device has important operation and maintenance instructions (services).

Instructions for preventing fire, electric shock, and personal injury

meaning of Warning and Note

Warning	Remind users that improper use of this product may result in death or serious injury.
Note	Remind users that improper use of this product may result in personal injury or damage. Damaged items refer to damage or adverse effects on houses, furniture, and pets.

Graphical symbol example

		Symbols are used to remind users of important instructions or warnings. Its meaning is determined by the symbols in the triangle. When the symbol to the left appears, it is a caution, caution or caution.
		The symbol is used to remind the user to prohibit the operation. The flag in the circle represents the behavior that the user should prohibit. When the symbol on the left appears, it means "disabling disassembly".
		The symbol is used to remind the user to force the operation. The logo in the circle represents what the user should follow. When the symbol to the left appears, the power plug must be pulled out of the socket.

----- Please always follow the instructions below -----

WARNING

Do not disassemble or modify without authorization

Do not open (or modify in any way) the device or its power cord.



Do not repair or replace parts without authorization

Do not attempt to repair the device or replace its internal components. (Unless you are specifically instructed by this instruction manual). Consult your dealer for all repair services.



Do not use or store in the following locations

- Places where the temperature is too high (for example, in a closed cabin exposed to direct sunlight, near a heating pipe, above a heating device).
- In a place near a water source (e.g., bathroom, wet floor).
- Exposed to water vapor or smoke.
- Places with high salt content in the air.
- Wet places.
- Places directly exposed to rain.
- Places with more dust.
- Places with severe vibration.
- Close to kitchen utensils may therefore be exposed to smoke, oil, hot places.



Do not place in an unstable position

Make sure to keep the device level and stable. Do not place it on a rack or slant that is easy to shake.



Do not bend or place heavy objects on the power cord

Do not twist or bend the power cord excessively, or place heavy objects on it. Doing so may damage the power cord and cause power line breaks and short circuits. Damage to the power cord may cause fire and electric shock!



Avoid Expanded Use at High Volumes

The sound level produced by the use of this device with a speaker may cause permanent hearing loss. Do not operate the device at an extremely high volume level (or an uncomfortable volume level) for long periods of time. If you feel hearing loss or tinnitus, please stop using the device immediately and go to see a doctor.



A lightning-shaped arrow table.



USE THE AMPLIFIER SAFELY

⚠ WARNING

Don't allow foreign objects or liquids to enter unit; never place containers with liquid on unit

Do not place containers containing liquid on this product. Never allow foreign objects (e.g., flammable objects, coins, wires) or liquids (e.g., water or juice) go into product. Doing so may cause short circuits, faulty operation, or other malfunctions.



Turn off the unit if an abnormality or malfunction occurs

Immediately turn the unit off, remove the power supply cable from the outlet, and request servicing by your retailer:

- The power supply cord, or the plug has been damaged; or
- If smoke or unusual odor occurs; or
- Objects have fallen into, or liquid has been spilled onto the unit; or
- The unit has been exposed to rain (or otherwise has become wet); or
- The unit seems to be abnormal or significantly changed during use.



Adults must provide supervision in places where children are present

When using the unit in locations where children are present, pay attention to avoid wrong operation. An adult should always be on hand to provide supervision and guidance.



Do not drop or subject to strong impact

Protect the unit from strong impact. (Do not drop it!)



⚠ WARNING

Do not share an outlet with an unreasonable number of other devices

Do not force the unit's power-supply cord to share an outlet with an unreasonable number of other devices. Be especially careful when using extension cords-the total power used by all devices you have connected to the extension cord's outlet must never exceed the power rating (watts/amperes) for the extension cord. Excessive loads can cause the insulation on the cord to heat up and eventually melt through.



Check the voltage of your local mains supply

The power cord should not be connected to a direct current (DC).



The apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.



The external wiring connected to Speaker terminals requires installation by an instructed person or the use of ready made leads or cords.



Use this unit at an elevation lower than 2,000 meters.



⚠ CAUTION

Place in a well ventilated location

The unit should be located so their location or position does not interfere with their proper ventilation.



Manage cables for safety

Try to prevent cords and cables from becoming entangled. Also, all cords and cables should be placed so they are out of the reach of children.



Avoid climbing on top of the unit, or placing heavy objects on it

Never climb on top of, nor place heavy objects on the unit.



⚠ CAUTION

Do not connect or disconnect the power cord with wet hands

Never handle the power supply cable or its plugs with wet hands when plugging into, or unplugging from, an outlet or this unit.



Disconnect everything before moving the unit

Before moving the unit, disconnect the power supply cable and all cords coming from external devices.



Unplug the power cord from the outlet before cleaning

Before cleaning the unit, turn it off and unplug the power supply cable from the outlet.



Unplug the power cord from the outlet before repairing

Before repairing the unit, turn it off and unplug the power supply cable from the outlet.



Keep small items out of the reach of children

To prevent accidental ingestion, always keep them out of the reach of small children.



When unusing the unit for an extended period of time

When you leave your home for a long period of time, turn OFF the power and remove the power supply cable from the AC outlet. This will prevent from unexpected accident and fire.



The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.



If the power plug or appliance coupler is used as the disconnecting device, it should be easy to operate.



IMPORTANT NOTES, MAIN FEATURES

Important notes

1. Power Supply

- ◆ Do not connect this unit to same electrical outlet that is being used by an electrical appliance that is controlled by an inverter or a motor (such as a refrigerator, washing machine, microwave oven, or air conditioner). Depending on the way in which the electrical appliance is used, power supply noise may cause this unit to malfunction or may produce audible noise. If it is not practical to use a separate electrical outlet, connect a power supply noise filter between this unit and the electrical outlet.
- ◆ To prevent malfunction and equipment failure, always make sure to turn off the power on all your equipment before you make any connections.

2. Placement

- ◆ Using the unit near other equipment containing large power transformers) may induce hum. To alleviate the problem, change the orientation of this unit; or move it farther away from the source of interference.
- ◆ This device may interfere with radio and television reception. Do not use this device in the vicinity of such receivers.
- ◆ Noise may be produced if wireless communications devices, such as cell phones, are operated in the vicinity of this unit. Such noise could occur when receiving or initiating a call, or while conversing. If you experience such problems, you should relocate such wireless devices so they are at a greater distance from this unit, or switch them off.
- ◆ Do not expose the unit to direct sunlight, place it near devices that radiate heat, leave it inside an enclosed vehicle, or otherwise subject it to temperature extremes. Excessive heat can deform or discolor the unit.
- ◆ When moved from one location to another where the temperature and/or humidity is very different, water droplets (condensation) may form inside the unit. Using the device in this case may cause damage or fault. Therefore, before using the unit, you must allow it to stand for several hours, until the condensation has completely evaporated.
- ◆ Depending on the material and temperature of the surface on which you place the unit, its rubber feet may discolor or mar the surface. You can place a piece of felt or cloth under the rubber feet to prevent this from happening. If you do so, please make sure that the unit will not slip or move accidentally.
- ◆ Do not put anything that contains water on this unit. Also, avoid the use of insecticides, perfumes, alcohol, nail polish, spray cans, etc., near the unit. Swiftly wipe away any liquid that spills on the unit using a dry, soft cloth.

3. Maintenance

- ◆ For everyday cleaning wipe the unit with a soft, dry cloth or one that has been slightly dampened with water. To remove stubborn dirt, use a cloth impregnated with a mild, non-abrasive detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth.
- ◆ Never use benzene, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.

4. Any other notes before using

- ◆ Use a reasonable amount of care when using the unit's buttons, sliders, or other controls; and when using its jacks and connectors. Rough handling can lead to malfunctions.
- ◆ Never strike or apply strong pressure to the display.
- ◆ When disconnecting all cables, grasp the connector itself—never pull on the cable. This way you will avoid causing shorts, or damage to the cable's internal elements.
- ◆ When you need to transport the unit, package it in the box (including padding) that it came in, if possible. Otherwise, you will need to use equivalent packaging materials.
- ◆ Some connection cables contain resistors. Do not use cables that incorporate resistors for connecting to this unit. The use of such cables can cause the sound level to be extremely low, or impossible to hear. For information on cable specifications, contact the manufacturer of the cable.

5. Notes before connection

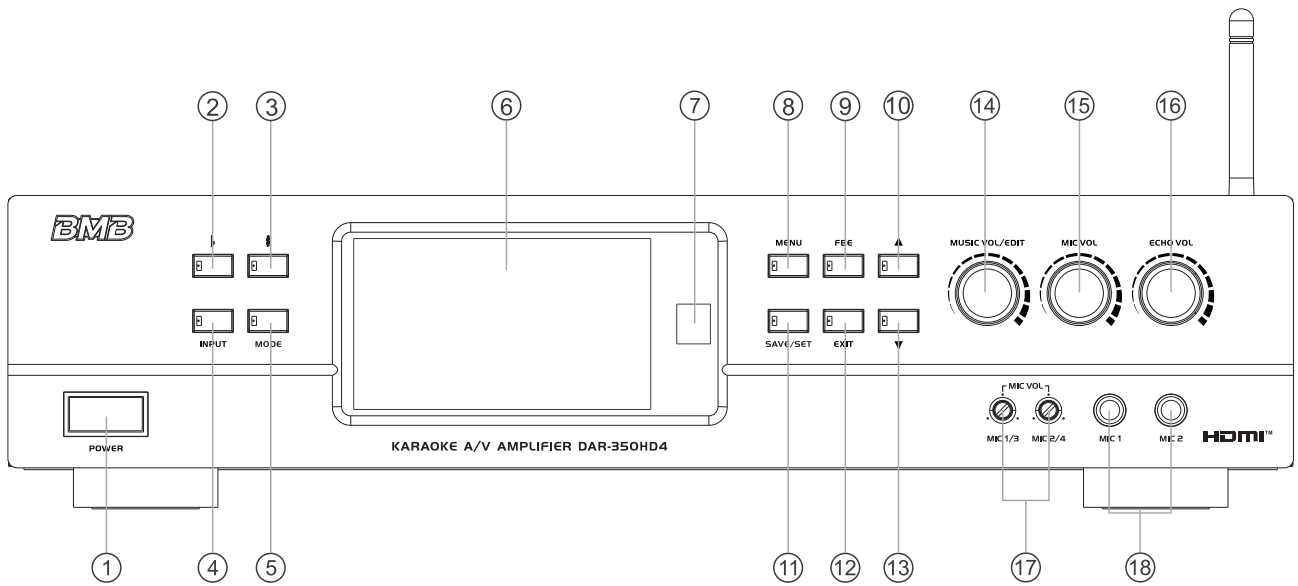
- ◆ Please cut down the power when connecting.
- ◆ Output connector on the amplifier, black stands for cathode. Red stands for anode. Please confirm that the connection of the cathode and anode is right and fastness.
- ◆ Fix-up the connector. The ill connection may lead to no voice output, or noise.
- ◆ Please hold the connector of the cable when pull out the power connector from the power socket.

Main Features


The embedded software runs in the power amplifier. It realizes the following functions:

- ◆ Through the DSP interface and DSP communication, real-time control DSP to realize the processing of digital audio signals. The DSP functions that realize control include: volume, phase, high and low pass filtering, noise gate, Anti-Feedback, parametric equalization, high and low bass enhancement or attenuation, music key, echo effect, reverberation effect, signal delay, compressor.
- ◆ Adopt a 4.3-inch screen, 3 encoders (knobs), and 10 buttons to realize functions and parameters editing.
- ◆ Software communication between cable and computer via RS232, it can monitor parameters of the processor from the computer interface.
- ◆ Bluetooth enabled, communicate with mobile terminal software, control parameters and functions.
- ◆ Infrared remote control receiving function, you can use the remote control to control the device.
- ◆ 4 preset modes and 1 custom mode built in. The mode parameters can be adjusted.
- ◆ Input switching and sensitivity setting for multiple audio inputs, including analog, Bluetooth, Optical, and HDMI.
- ◆ Device data can be restored to factory settings.
- ◆ LCD Display lock to prevent disoperation.
- ◆ Mobile device via Bluetooth audio playback enabled, it can connect two Bluetooth devices to play music.
- ◆ HDMI signal input and ARC enabled.
- ◆ OPTICAL input enabled.

FRONT-PANEL INTRODUCTION



① **Power switch** (ON  /OFF )
Press to turn on the power, press to cut off the power.

② 
Key down.

③ 
Key up.

④ **INPUT**
Cycle switching the audio source.

⑤ **MODE**
Cycle switching the play mode.

⑥ **LCD Display**
Display parameters and content.

⑦ **IRM**
Remote control.

⑧ **MENU**
Enter the main menu page.

⑨ **FBE**
Feedback adjust.

⑩ 
Pre cursor.

⑪ **SAVE/SET**
Save or set, confirm.

⑫ **EXIT**
Exit or back.

⑬ 
Next cursor.

⑭ **MUSIC VOL/EDIT**
Music volume edit / edit parameters.

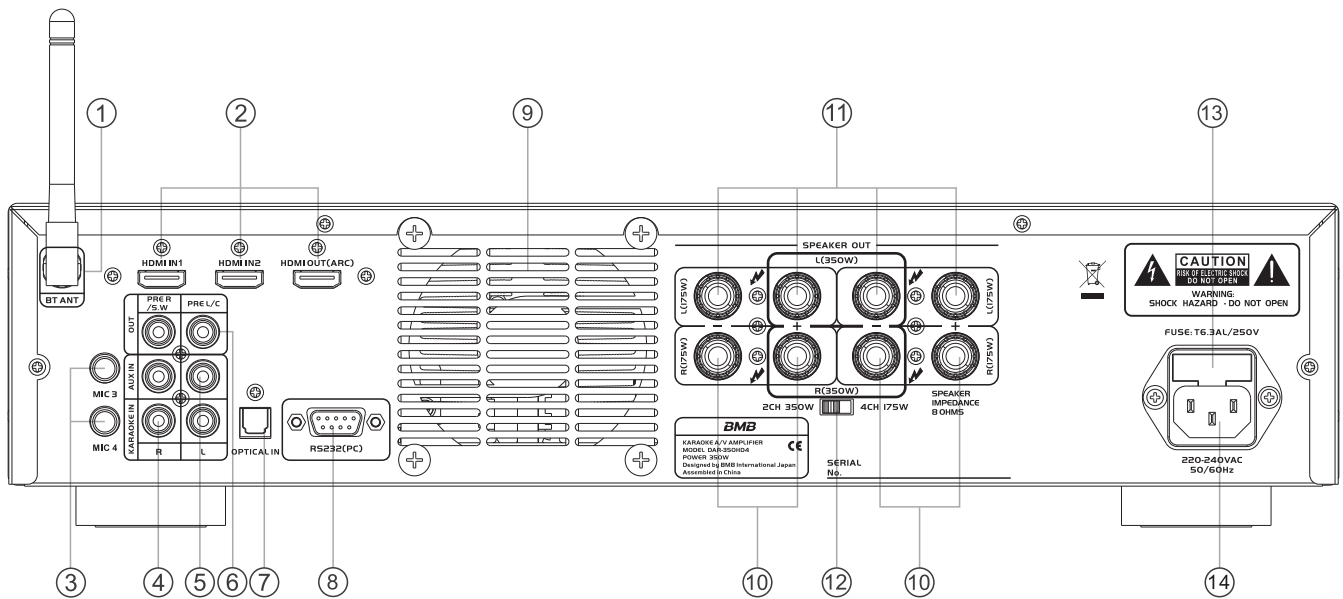
⑮ **MUC VOL**
Mic volume edit.

⑯ **ECHO VOL**
Echo volume edit.

⑰ **MIC VOL**
Mic sensitivity edit.

⑱ **MIC1/MIC2**
Mic port.

REAR-PANEL INTRODUCTION



① BT ANT

Bluetooth antenna.

② HDMI port

HDMI IN1 and HDMI IN2 are input port; HDMI OUT(ARC) is output port. When connect to TV device, HDMI OUT(ARC) can input TV audio using ARC function.

③ MIC3/MIC4

Mic port.

④ KARAOKE input port

Audio input port.

⑤ AUX input port

Audio input port.

⑥ OUT output port

Can use Subwoofer/Center output, or Pre-Left/Pre-Right output mode, switch by software.

⑦ OPTICAL input port

Audio input port.

⑧ RS232 port

Connect to PC, control parameters by using GUI software.

⑨ Ventilation Fan

Ventilation Fan, Please don't blocking.

⑩ Speaker Out

Right channel output(8Ω), red is "+" and black is "-".
(One channel for DAR-350HD2/DAR-200HD)

⑪ Speaker Out

Left channel output(8Ω), red is "+" and black is "-".
(One channel for DAR-350HD2/DAR-200HD)

⑫ 2CH/4CH Switch

For switch 2CH 350W@8Ω or 4CH 175W@8Ω mode.
(Only for DAR-350HD4)

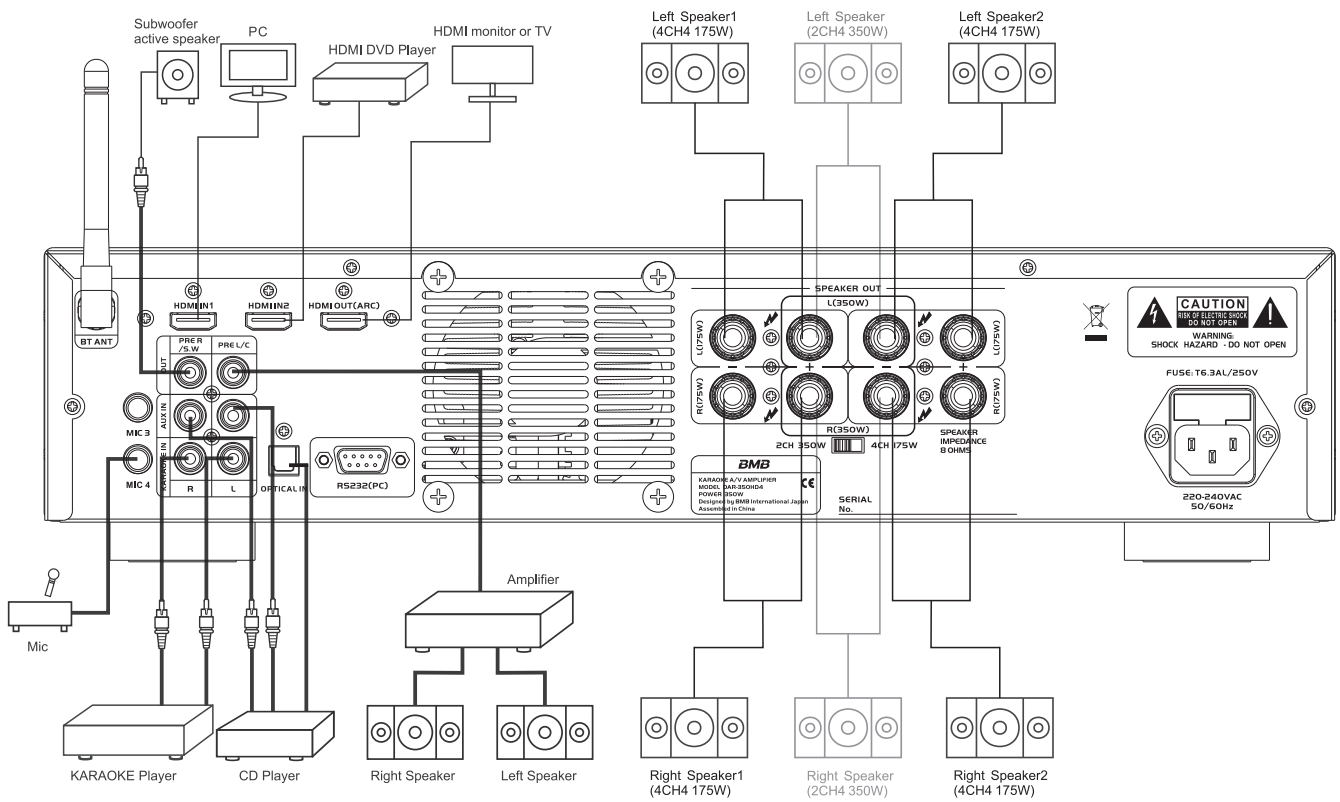
⑬ Fuse

Protect device. Non-professionals do not replace.

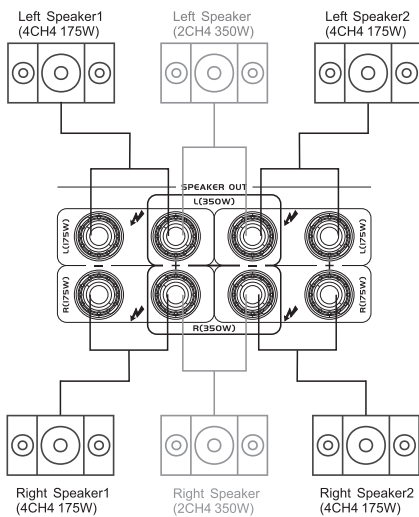
⑭ Power

AC power input interface.

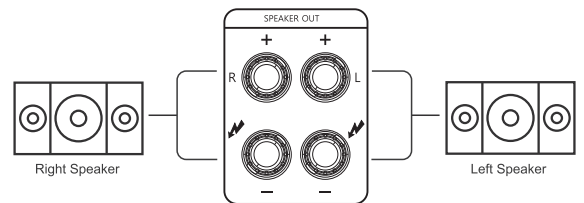
SYSTEM CONNECTION



1. Speaker Connect



DAR-350HD4



DAR-350HD2/DAR-200HD

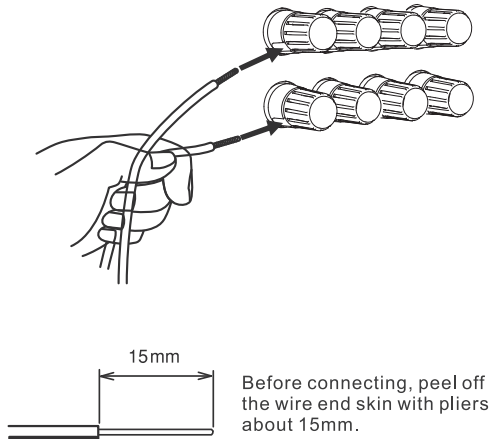
2. PRE out mode connect

The default output mode is S.W/C, when use PRE output mode, you need to change the output mode to PRE out.

SYSTEM CONNECTION

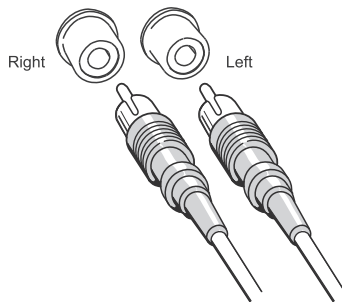
■ Use speaker interfaces connect

1. Unscrew the knob of the terminal.
2. Insert the speaker wire stripped into the wire hole.
3. Tighten the knob of the terminal.



■ Use RCA interfaces connect


When connecting RCA wire, please match the color. The red wire connect to the red jack, and the white wire connect to the white Jack.



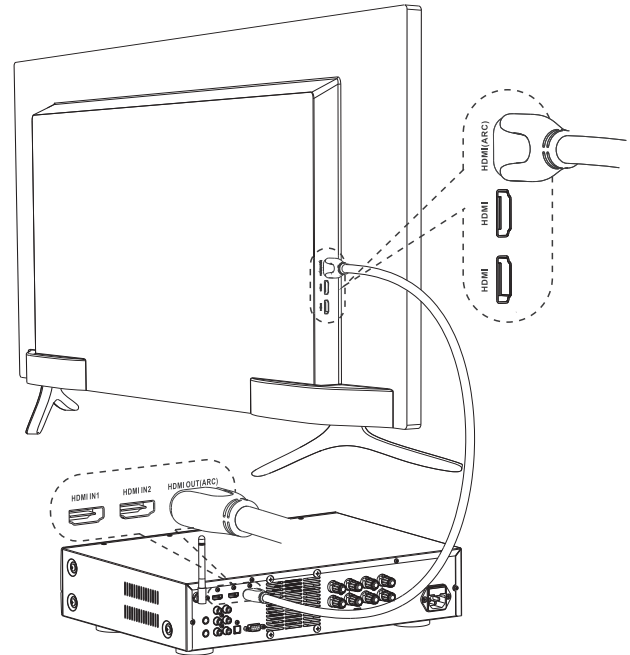
Attention

- Pay attention to the wire stripped (pure conductor), for protecting the device please do not contact with other objects.
- Please use the 8Ω speaker.
- Under 4Ω speaker is not recommended, it may trigger current protection which cause the amplifier relay off.
- Under 6Ω speaker is not recommended at 4ch mode, it may trigger current protection which cause the amplifier relay off.(Only for DAR-350HD4)

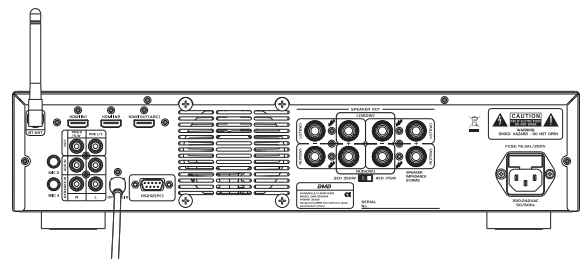
■ Use HDMI interface connect

1. Computer, HDMI DVD player, etc, connect the hdmi port to device , and switch the input source to HDMI1 or HDMI2.
2. HDMI OUT(ARC) port connect to monitor or TV.
3. If use the ARC function, connect the TV HDMI(ARC) port to device HDMI OUT(ARC) port, and switch input source to HDMI OUT(ARC).

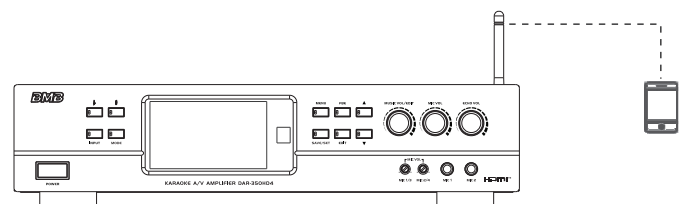
Attention: If TV has no "ARC" flag, then it may not support "ARC" function.



■ Use OPTICAL interface connect

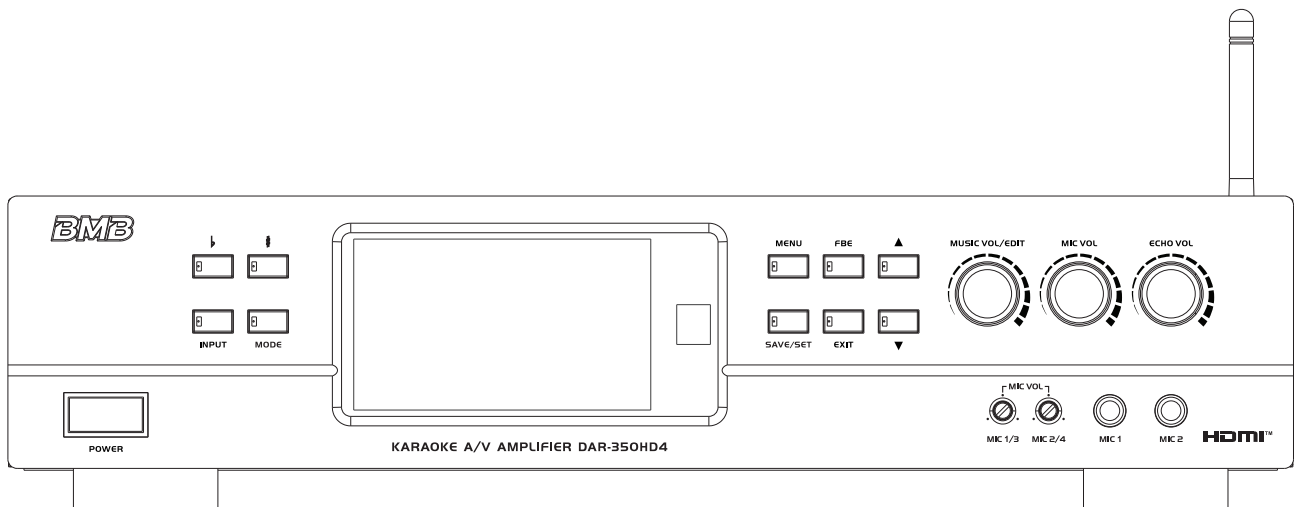


■ Use Bluetooth interface connect



1. Search the Bluetooth "BMB DAR-350HD4/DAR-350HD2/DAR-200HD".
2. Click the name and pairing with the device.
3. Play music with the device.

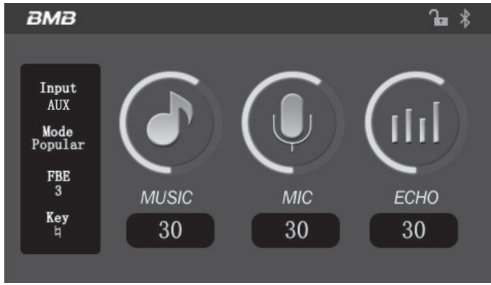
BASIC OPERATION



1. Operation instruction

- ◆ It has 4.3-inch RGB LCD screen, 480*272 resolutions to show the device and menu information.
- ◆ 3 encoders (knobs): MUSIC VOL/EDIT is used to adjust the volume of music and the parameter adjustment of each menu, MIC VOL is used to adjust the volume of the microphone, and ECHO VOL is used to adjust the volume of the echo.
- ◆ 10 buttons menu functions:
 - ↳ : Key down.
 - ⬆ : Key up.
 - INPUT: Cycle switching the audio source.
 - MODE: Cycle switching the play mode.
 - MENU: Enter the main menu page.
 - FBE: Feedback adjust.
 - ▲ : Pre cursor.
 - SAVE/SET: Save or set, confirm.
 - EXIT: Exit or back.
 - ▼ : Next cursor.

2. Home menu operation instructions



The current page is mainly used to display the main information of the device:

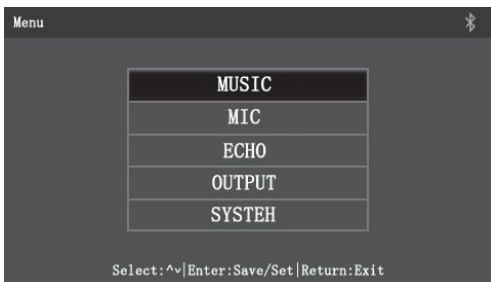
Press **▲#**, **▼b** to adjust music key.

Long press **SAVE/SET** to lock or unlock the panel.

There is a red arrow on the 3 volume faders, indicating the maximum volume limit. The maximum value cannot be exceeded when adjusting the volume.

Parameters	Value
Music vol	Mute, 1~50, Step 1
Mic vol	Mute, 1~50, Step 1
Echo vol	Mute, 1~50, Step 1
Mode	Popular, Pro, Rock, Theater, Custom
Input	KARAOKE, AUX, Bluetooth, OPTICAL, HDMI1, HDMI2, HDMI ARC
FBE	OFF, 1~5, Step 1
Key	b 7~b 1, H, # 1~# 7

3. Main menu operation instructions



In any menu, press **MENU** to enter the main menu, as shown above, there are 5 menu items, press **▲#**, **▼b** to switch the cursor, press **SAVE/SET** to enter, and press **EXIT** to return to the main page.

4. Music menu operation instructions

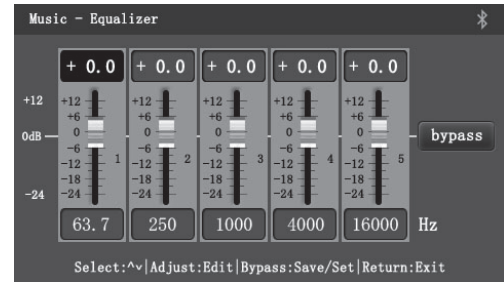


Press **▲#**, **▼b** to switch the cursor, press **SAVE/SET** to enter the submenu, and press **EXIT** to return to the main menu.

Rotate the encoder **EDIT** to edit the parameter selected by the cursor.

Parameters	Value
BT Trim	-24.0~0dB, Step 0.5dB
OPTICAL Trim	-24.0~0dB, Step 0.5dB
HDMI Trim	-24.0~0dB, Step 0.5dB
Noise Gate	OFF, -90~-42dB, Step 1dB

4.1 Music-EQ menu operation instructions



Press **▲#**, **▼b** to switch the cursor, select EQ, and rotate the encoder **EDIT** to adjust EQ gain. There are 5 bands EQ in all, and press **▲#**, **▼b** to adjust more.

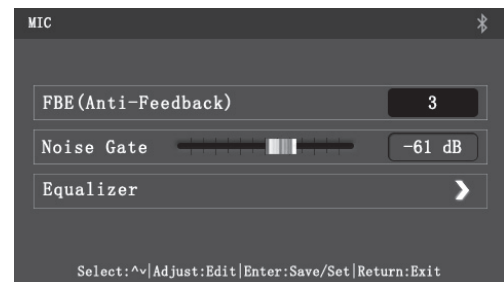
Press **SAVE/SET** to switch BYPASS state.

Long press **SAVE/SET** for 3 seconds to switch to frequency adjustment mode, and long press again to switch to gain adjustment mode.

Press **EXIT** to return to the music menu.

Parameters	Value
EQ Gain	-24.0~12.0dB, Step 0.1dB
EQ Bypass	ON, OFF
EQ Freq	19.7Hz~20KHz
EQ Bands	5

5. Mic menu operation instructions

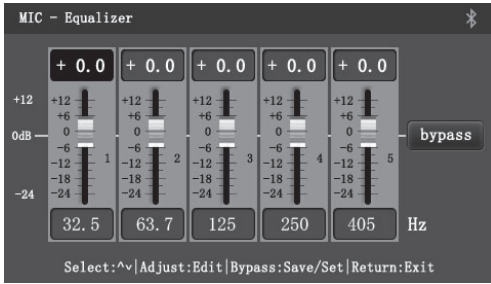


Press **▲#**, **▼b** to switch the cursor, press **SAVE/SET** to enter the submenu, and press **EXIT** to return to the main menu.

Rotate the encoder **EDIT** to edit the parameter selected by the cursor.

Parameters	Value
FBE(Anti-Feedback)	OFF, 1~5, Step 1
Noise Gate	OFF, -90~-42dB, Step 1dB

5.1 Mic-EQ menu operation instructions



Press **▲#**, **▼b** to switch the cursor, select EQ, and rotate the encoder **EDIT** to adjust EQ gain. There are 12 bands EQ in all, and press **▲#**, **▼b** to adjust more.

Press **SAVE/SET** to switch BYPASS state.

Long press **SAVE/SET** for 3 seconds to switch to frequency adjustment mode, and long press again to switch to gain adjustment mode.

Press **EXIT** to return to the mic menu.

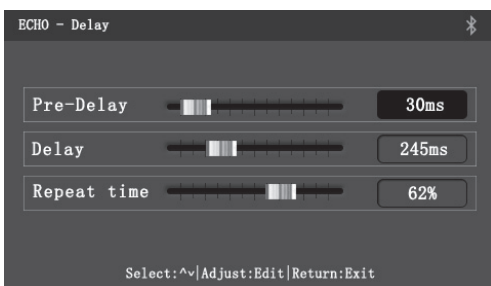
Parameters	Value
EQ Gain	-24.0~12.0dB, Step 0.1dB
EQ Bypass	ON, OFF
EQ Freq	19.7Hz~20KHz
EQ Bands	12

6. Echo menu operation instructions



Press **▲#**, **▼b** to switch the cursor, press **SAVE/SET** to enter the submenu, press **EXIT** to return to the main menu.

6.1 Echo-Delay menu operation instructions

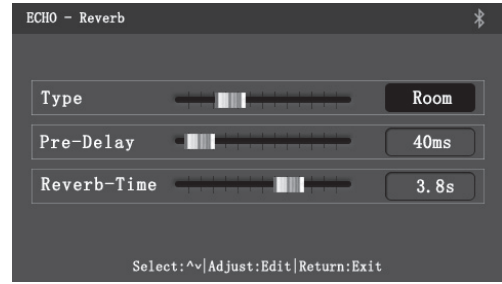


Press **▲#**, **▼b** to switch the cursor, and rotate the encoder **EDIT** to adjust the selected parameter.

Press **EXIT** to return to the echo menu.

Parameters	Value
Pre-Delay	0~250ms, Step 1ms
Delay	100~600ms, Step 5ms
Repeat time	0~90%, Step 1%

6.2 Echo-Reverb menu operation instructions

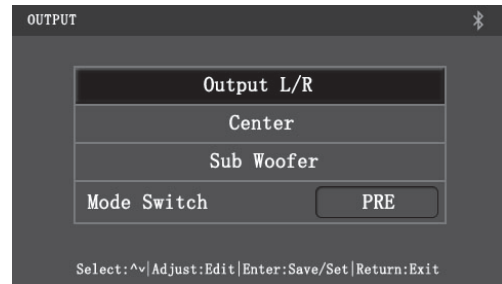


Press **▲#**, **▼b** to switch the cursor, and rotate the encoder **EDIT** to adjust the selected parameter.

Press **EXIT** to return to the echo menu.

Parameters	Value
Type	OFF, Room, Hall, Church
Pre-Delay	0~250ms, Step 10ms
Reverb-Time	0.5~6.0s, Step 0.1s

7. Output menu operation instructions

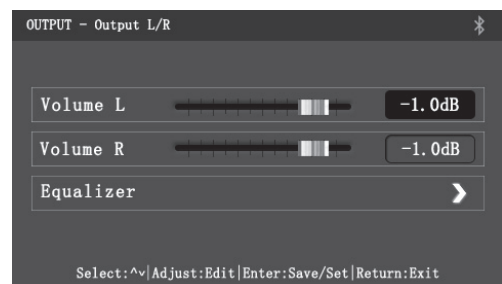


Press **▲#**, **▼b** to switch the cursor, press **SAVE/SET** to enter the submenu, and press **EXIT** to return to the main menu.

Press **▲#**, **▼b** to switch the cursor, and rotate the encoder **EDIT** to adjust the selected parameter.

Parameters	Value
Mode Switch	PRE, Cent+Sub

7.1 Output-Output L/R menu operation instructions

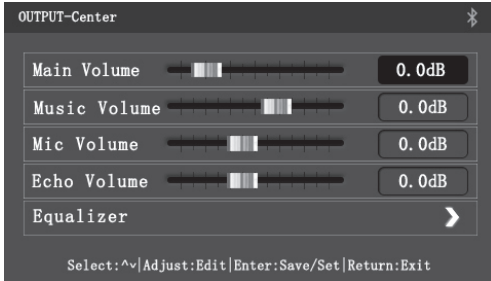


Press **▲#**, **▼b** to switch the cursor, and rotate the encoder **EDIT** to adjust the selected parameter. Press **SAVE/SET** to enter the submenu, the equalization operation is the same as the music equalization page.

Press **EXIT** to return to the output menu.

Parameters	Value
Volume L	Mute, -30~0dB, Step 0.5dB
Volume R	Mute, -30~0dB, Step 0.5dB

7.2 Output-Center menu operation instructions



Press **【▲#】**, **【▼b】** to switch the cursor, and rotate the encoder **【EDIT】** to adjust the selected parameter. Press **【SAVE/SET】** to enter the submenu, the equalization operation is the same as the music equalization page.

Press **【EXIT】** to return to the output menu.

Parameters	Value
Main Volume	Mute, -30~0dB, Step 0.5dB
Music Volume	Mute, -30~0dB, Step 0.5dB
Mic Volume	Mute, -30~0dB, Step 0.5dB
Echo Volume	Mute, -30~0dB, Step 0.5dB

7.3 Output-Sub Woofer menu operation instructions

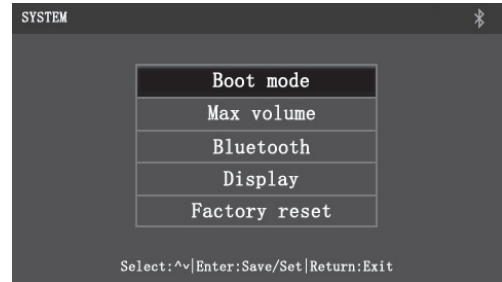


Press **【▲#】**, **【▼b】** to switch the cursor, and rotate the encoder **【EDIT】** to adjust the selected parameter. Press **【SAVE/SET】** to enter the submenu, the equalization operation is the same as the music equalization page.

Press **【EXIT】** to return to the output menu.

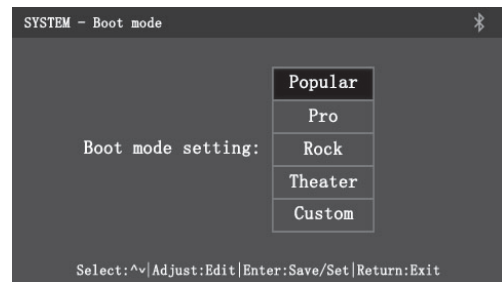
Parameters	Value
Main Volume	Mute, -30~0dB, Step 0.5dB
Music Volume	Mute, -30~0dB, Step 0.5dB
Mic Volume	Mute, -30~0dB, Step 0.5dB
Echo Volume	Mute, -30~0dB, Step 0.5dB
High-Cut	35.1~2000Hz, FLAT
Low-Cut	FLAT, 19.7~1000Hz

8. System menu operation instructions



Press **【▲#】**, **【▼b】** to switch the cursor, press **【SAVE/SET】** to enter the submenu, and press **【EXIT】** to return to the main menu.

8.1 System-Boot mode menu operation instructions

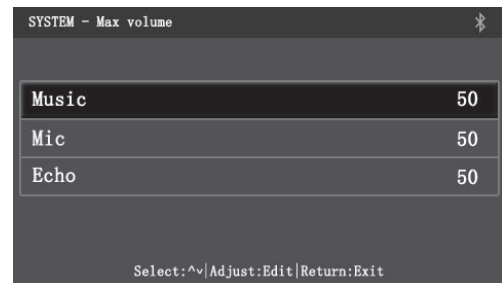


Set the selected mode every time you turn on the power.

Press **【▲#】**, **【▼b】** to switch the cursor, and press **【SAVE/SET】** to confirm.

Press **【EXIT】** to return to the system menu.

8.2 System-Max volume menu operation instructions



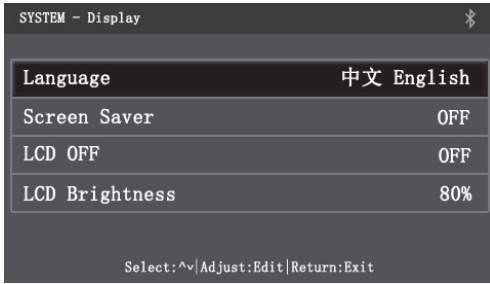
Set the maximum value of the adjustable volume, which is used to limit the sound level.

Press **【▲#】**, **【▼b】** to switch the cursor, and rotate the encoder **【EDIT】** to adjust the selected parameter.

Press **【EXIT】** to return to the system menu.

Parameters	Value
Music	Mute, 1~50, Step 1
Mic	Mute, 1~50, Step 1
Echo	Mute, 1~50, Step 1

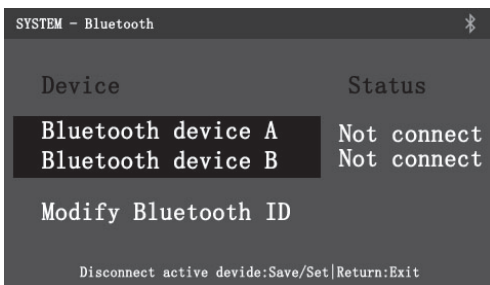
8.3 System-Display menu operation instructions



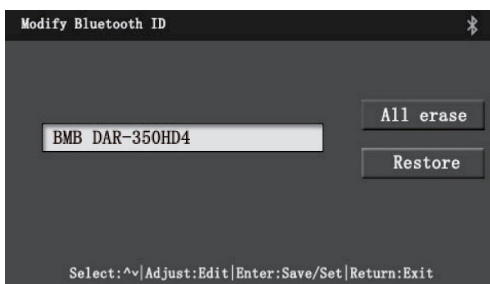
Press **【▲#】**, **【▼b】** to switch the cursor, and rotate the encoder **【EDIT】** to adjust the selected parameter.
Press **【EXIT】** to return to the system menu.

Parameters	Value
Language	中文(Chinese)/English
Screen Saver	OFF, 10, 60, 180, 300, 600, 1800, 3600(s)
LCD OFF	OFF, 10, 60, 180, 300, 600, 1800, 3600(s)
LCD Brightness	10~100%, Step 10%

8.4 System-Bluetooth menu operation instructions



Press **【BT】** to directly enter the Bluetooth menu.
Press **【▲#】**, **【▼b】** to switch cursor.
When the cursor is on Bluetooth A, B, press **【SAVE/SET】** once to disconnect a Bluetooth device. When the cursor is on the modify Bluetooth ID, press **【SAVE/SET】** to enter the next menu to modify the Bluetooth ID.



When the cursor is on the ID, press **【←】**, **【→】** to move the ID character position, and rotate the encoder **【EDIT】** to edit the character. Press **【SAVE/SET】** to confirm the ID modification, and then return to the previous menu.
When the cursor is at "All erase", press **【SAVE/SET】** to clear all characters of ID.
When the cursor is at "Restore", press **【SAVE/SET】** to restore all the default characters of the ID.

Note: When connecting the Bluetooth device for the first time, please make sure that the other device is not connected. Search the Bluetooth name "BMB DAR-350HD4/DAR-350HD2/DAR-200HD", and click the name to pair. After pairing, you can directly click the paired name to connect next time.

8.5 System-Factory reset menu operation instructions



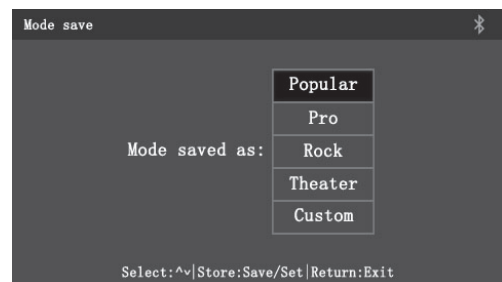
Press **【SAVE/SET】** to restore factory setting.
Press **【EXIT】** to return to the system menu.

8.6 System-Version











Press **【EXIT】** to return to the system menu.

9. Mode save menu operation instructions



Save the adjusted parameters to the corresponding mode.
Press **【▲#】**, **【▼b】** to switch the cursor, press **【SAVE/SET】** to save, and press **【EXIT】** to return to the main menu.

11. Remote control

-  : Enter the Bluetooth manage page.
- FBE**: Control the Anti-Feedback.
- Bluetooth**: Set audio source to Bluetooth.
- Music Mute**: Mute/Unmute the music.
- Mic Mute**: Mute/Unmute the mic.
- KARAOKE**: Set audio source to KARAOKE.
- AUX**: Set audio source to AUX.
- OPTICAL**: Set audio source to OPTICAL.
- HDMI1**: Set audio/video source to HDMI1.
- HDMI2**: Set audio/video source to HDMI2.
- HDMI ARC**: Set audio source to HDMI ARC.
- MUSIC +**: Turn up the music volume.
- MUSIC -**: Turn down the music volume.
- MIC +**: Turn up the mic volume.
- MIC -**: Turn down the mic volume.
- ECHO +**: Turn up the echo volume.
- ECHO -**: Turn down the echo volume.
- MENU**: Enter the main menu page.
- EXIT**: Exit or back.
- MODE+**: Switching to next play mode.
- MODE-**: Switching to previous play mode.
-  : Pre cursor.
-  : Next cursor.
-  : Turn down the value.
-  : Turn up the value.
- SAVE SET**: Save or set, confirm.
-  : Key down.
-  : Key Reset.
-  : Key up.



12. GUI software control

GUI software can be used to control the device.
 Information: www.bmb.com

13. APP control

APP can be use to control the device.
 Information: www.bmb.com

TROUBLESHOOTING

Fault	Reason	Method
Power on but no sound	The volume knob may be set to a minimum value	Adjust to the appropriate volume
	Speaker wire disconnected	Connect the speaker wire correctly
	Speaker wire broken	Repair wire breakage
	Speaker wire short	Repair short circuit
	Overcurrent protection causes the machine to lock up	Turn off the power and restart
	No signal input	Check and connect sound device
Speaker sounds abnormal	Left and right channels reversed	Connect the left and right channels correctly
Only one speaker has sound	The volume of some channel is low	Increase the volume of the corresponding channel

■ Automatic protection

1. Short circuit protection

The amplifier detects the real-time current through the sampling resistor. When the channel of the amplifier is short-circuited or current overloaded, the amplifier will be automatically protected. The output will be cut off. After the fault is cleared, the power amplifier will return to normal.

2. DC protection

When the power amplifier channel outputs DC power, the amplifier will perform DC protection and cut off the output. After the fault is removed, the power amplifier will return to normal.

3. Temperature protection

When temperature is too high, the amplifier will perform temperature protection and cut off the output. After the fault is removed, the power amplifier will return to normal.

SALES SERVICE

- (1) This device as it is found to have defects, your local dealers will charge a fee for you to repair and replace defective parts according to your request.
- (2) When you ask your local dealer for repairs before, first check the "Troubleshooting" chapter, and further examination.

Dealers Things to know:

If your customer put forward service requests, first check the following:

- Determine the details of the fault.
- Check all wires and connection.
- Whether the source of the device connected to this unit is normal.
- Will remind customers operating system considerations and use regulations.

USER LITERACY

- Although Karaoke builds character on the assumption that the correct use of time and place, otherwise, may sometimes disturb others. Please imagine for your neighbors.
- If you drunkenly singing, Karaoke volume may be too high.
Even small voice will become harsh, especially in the silence of the night.
Therefore, please pay special attention to volume levels, especially at night.
To prevent sound leakage, please close the window,
note that the user grace, in order to maintain a comfortable living environment.

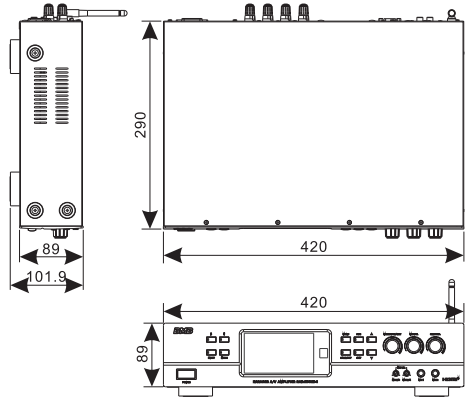
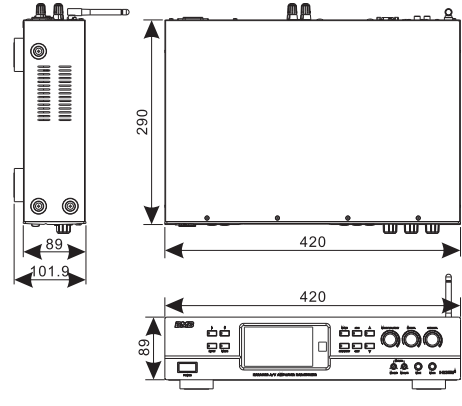


INTELLECTUAL PROPERTY

- According to intellectual property law, broadcasting, music source, such as music cassettes, videotapes, CD, etc., are to be protected.
- In addition to their own enjoyment, but for commercial purposes, distribute or lease the music source, or sell to others, are required to obtain consent of the owner of intellectual property.

TECHNICAL PARAMETERS

Karaoke A/V Amplifier parameter comparison table

Parameter items	Standard conditions	DAR-350HD4	DAR-350HD2	DAR-200HD
Stereo mode	@ 8Ω 1kHz	2×350W/4×175W	2×350W	2×200W
Sensitivity	@ 8Ω 1kHz	800mV/560mV	800mV	620mV
Frequency Response	20Hz-20kHz	±0.5dB		
Total Harmonic Distortion	@ 8Ω 1kHz, MIC input	0.05%		
	@ 8Ω 1kHz, AUX/KARAOKE input	0.05%		
Signal to Noise Ratio	A-weighted, MIC input	≥85dB		
	A-weighted, MIC mute, AUX/KARAOKE input	≥96dB		
Intermodulation distortion	@ 8Ω 60Hz-7kHz	<0.1%		
Voltage gain	@ 8Ω 1kHz	36±1dB/34±1dB	36±1dB	36±1dB
Channel separation	@ 8Ω 1kHz	≥78dB		
Input Impedance	@ 1kHz balance	20kΩ		
AC power specifications		AC100V-130V (50/60 Hz) 100V Model AC220V-240V (50/60 Hz) 200V Model		
Structure diagram	<p>DAR-350HD4:</p> 		<p>DAR-350HD2/DAR-200HD:</p> 	
Product dimensions (W*D*H)	420mmx290mmx89mm			
Packaging dimensions (W*D*H)	561mmx470mmx175mm			
Net weight	10.5kg(DAR-350HD4)	10.2kg(DAR-350HD2/DAR-200HD)		
Gross Weight	13kg(DAR-350HD4)	12.7kg(DAR-350HD2/DAR-200HD)		

* Specifications are subject to change without notice.

BMB

BMB International Japan

<http://www.bmb.com>