

AB-100 Amplifier

User Guide



1. Getting started

Please put your AB-100 Amplifier (machine) on a flat and stable surface. Avoid direct sunlight, heat and moisture. Make sure the room is ventilated to ensure the full operation of the chiller. Make sure the machine is turned off before plugging in.

The RCA jacks and torque guards on this machine have different colors for easy setup. The right channel jack is red, and the left is black. Please use the best quality signal cables, power cables and speaker cables. Make sure all cables are flawless, and fully plugged in.

Please unplug the machine should it be unused for a certain period of time.

⌘ Do not open the shell. Any deconstruction or reconstruction of the machine will have unpredictable results. LxR holds no responsibility should the machine be damaged due to such conducts.

AB-100 Amplifier is not designed for self repair. Please contact technicians for any problems.

⌘ Clean the machine only with dry soft cloth.

⌘ Do not use benzoyl or volatile solvents on the machine.

⌘ This User Guide is for AB-100 only. LxR will not voluntarily notify any changes in appearance or specifications.

2. Contents

- AB-100 Amplifier
- Power cable
- Remote x1
- User guide, Warranty Card

⌘ If there is anything missing, please contact your local dealer or agents.

3. Machine Installation

(1) Plug in the power cable to the machine and the power outlet.

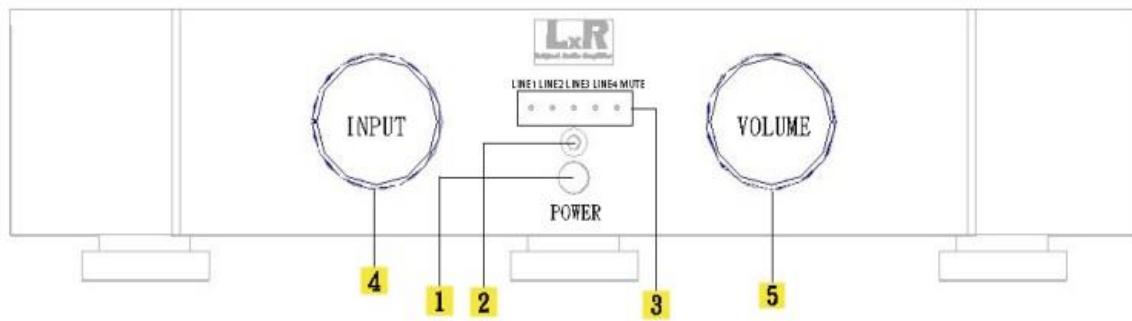
(2) Plug the speaker cable to the speaker outlet, and the signal cable to the signal outlet on the rear panel.

⌘ Make sure it is fastened well to avoid poor connection. When connecting the RCA, make sure the analog signal cable is accurately connected.

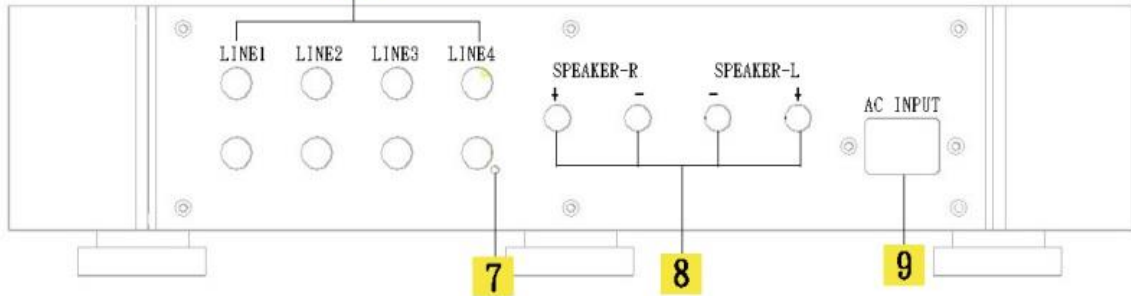
(3) Press Remote or the Power button on the panel to turn on AB-100, and switch to the desired signal.

Panel Applications

Graph 1



Graph 2



Graph 1: 1. Power switch

2. Infrared remote receiver

3. Display indicator

4. Input

5. Volume

Graph 2: 6. RCA connector

7. Speaker protection connector

8. Speaker connector

9. AC input

1. Power switch

Switch to turn on the machine, and wait for the blue LED light. Switch again to turn off.

2. Infrared remote receiver

There is an infrared sensor behind the red window to receive orders from the remote control.

※ There must be no barriers between the remote control and this receiver to ensure full connection. Should there be barriers, the remote control will fail to function.

3. Display indicator

The blue indicator will light up when mode is in use.

4. Input

Turn the input button clock-wise to switch to AB-100. The audio switch controller on the remote control has the same function.

5. Volume

To adjust the volume of the speaker. You can also choose to use the remote control to adjust the volume.

6. RCA Connector

There are four RCA connectors to support analog signal connector.

7. Speaker protection connector

The speaker protection connector can reset the speaker, when the speaker can not play the music smoothly.

8. Speakers connector

Connect the right channel speaker to the connector with R+ and R-; connect the left channel speaker to the connector with L+ and L-.

9. AC input

Only use the power cable provided by LxR or cables that meet safety requirements.

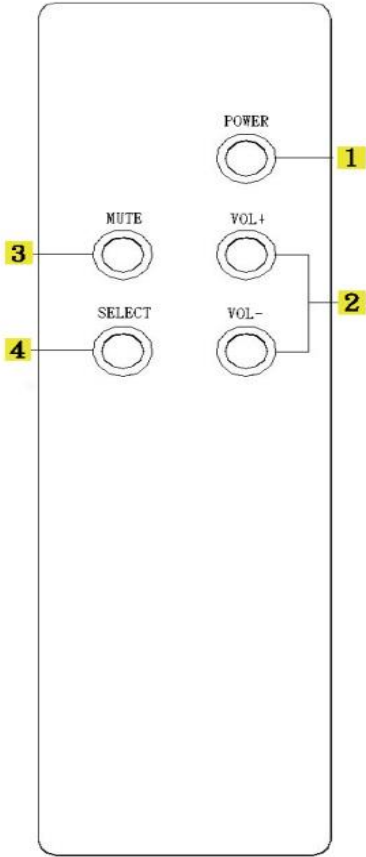
※ Make sure your power cable is well fastened to avoid misconnection, and all wires are attached prior to turning on the power.

The Remote Control

- 1. POWER: on and off
- 2. VOL: Volume adjustor Vol+/Vol-
- 3. MUTE : mute
- 4. SELECT: Mode switch

AB-100 Specifications

- 1. Output power: AB 100W+100W/4Ω
- 2. RCA jack: 4
- 3. input impedance: 470KΩ
- 4. Frequency response: 10Hz-60KHz
- 5. Power: AC 110V/60Hz
- 6. Size:L420mmxW390mmxH97mm
- 7. Weight: +(-)13KG



Trouble Shooting

In case of error, please check the follow items. Most errors occur due to malfunction or misconnection. Should errors remain unsolved, please contact your local dealer or LxR technical service.

Error	Indicator	Solution
No power	1. Is the power cable connected?	1. Connect the power cable.
No sound	1. Is the signal cable and the speaker cable well connected? 2. Is the input mode correct? 3. Is the volume appropriate? 4. Speaker protection function	1. Connect the signal cable and speaker cable. 2. Select the correct mode. 3. Adjust the volume to the appropriate range. 4. Reset the speaker protection connector (use a sharp tip to press no. 7 on the panel)
No sound in one channel	1. Is one side of the channel misconnected? 2. Is one side of the speaker misconnected?	1. Connect the signal cable. 2. Connect the speaker cable.
There’s a loud buzz sound	1. Poor connection, not fasten well, or poor quality of the cable wire?	1. Fasten the signal cable tightly, or replace it
Remote control fails to function	1. Is there a button stuck? 2. Is there no power?	1. Press the button again. 2. Replace battery.