



# EDIFIER R2850DB 150W Multimedia Active Speaker User Manual

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## EDIFIER®

**R2850DB**  
**Multimedia Speaker**  
**User manual**

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### Important safety instruction

1. Use only accessories approved by the manufacturer.
2. Install the instrument properly by following the instructions in the device connection section.
3. Using the product in a 0-35°C environment is recommended.
4. To reduce the risk of fire and electric shock, do not expose the product to rain or moisture.
5. Do not use this product near water. Do not immerse the product into any liquid or have it exposed to dripping or

splashing.

6. Do not install or use this product near any heat source (e.g. radiator, heater, stove, or other devices that generate heat).
7. Do not place any object filled with liquids, such as vases on the product; neither should any open fire, such as lighted candles be placed on the product.
8. Do not block any ventilation openings. Do not insert any object into ventilation openings or slots. It may cause fire or electric
9. Keep sufficient clearance around the product to maintain good ventilation (minimum 5cm is recommended).
10. Do not force a plug into the jack. Before connection, check for blockage in the jack and whether the plug matches the jack and is oriented to the right direction.
11. Keep the provided accessories and parts (such as screws) away from children to prevent them from being swallowed by mistake.
12. Do not open or remove the housing yourself. It may expose you to dangerous voltage or other hazardous risks. Regardless of the cause of the damage (such as damaged wire or plug, exposure to liquid splash or foreign object falling in, exposure to rain or moisture, product not working or being dropped, etc.), the repair has to be performed by an authorized service professional
13. Before cleaning the product with dry cloth, always turn off the product and disconnect the power plug first.
14. Never use strong acid, alkali, gasoline, alcohol, or other chemical solvents to clean the product surface. Use only neutral solvent or clear water for cleaning.



Excessively loud music may lead to hearing loss. Please keep the volume in a safe range.



Correct Disposal of this product. This marking indicates that this product should not be disposed of with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.



Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

#### Power warning:

1. Place the product near the power outlet for easy use.
2. Before use, make sure that the operating voltage is the same as your local power supply. Correct operating voltage can be found on the product plate.
3. For safety purposes, unplug the product during lightning storms or when unused for extended periods of time.
4. Under normal conditions, the power supply may get hot. Please keep good ventilation in the area and exercise caution.
5. Safety warning labels on the housing or bottom of the product or power adaptor.



This symbol is to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is to warn the user not to disassemble the enclosure of the product and there is no user-replaceable part inside. Take the product to an authorized service center for repair.



This symbol indicates that the product is for indoor use only.



This symbol indicates that the product is a CLASS II or double insulated electrical device with no earth requirement.

The MAINS plug is used as the disconnect device, the disconnect device shall remain readily operable.

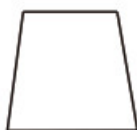
For wireless products:

1. Wireless products may generate shortwave radio frequencies and interfere with the normal use of other electronic devices or medical equipment.
2. Turn off the product when it's disallowed. Do not use the product in medical facilities, on airplanes, at gas stations, near-automatic gates, automatic fire alarm systems, or other automated devices.
3. Do not use the product in the vicinity of a pacemaker within a 20cm range. The radio waves may affect the normal operation of the pacemaker or other medical devices.

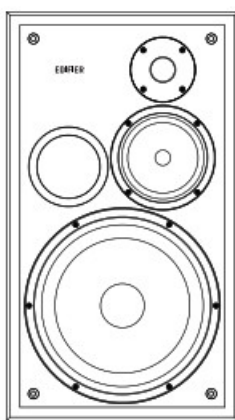
## Box contents



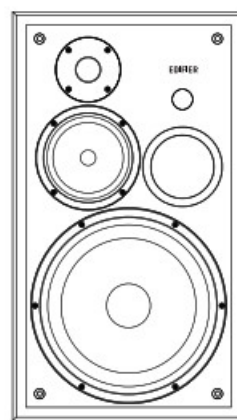
Remote control



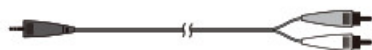
User manual



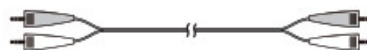
Passive speaker



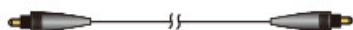
Active speaker



3.5mm - RCA audio cable



RCA - RCA audio cable



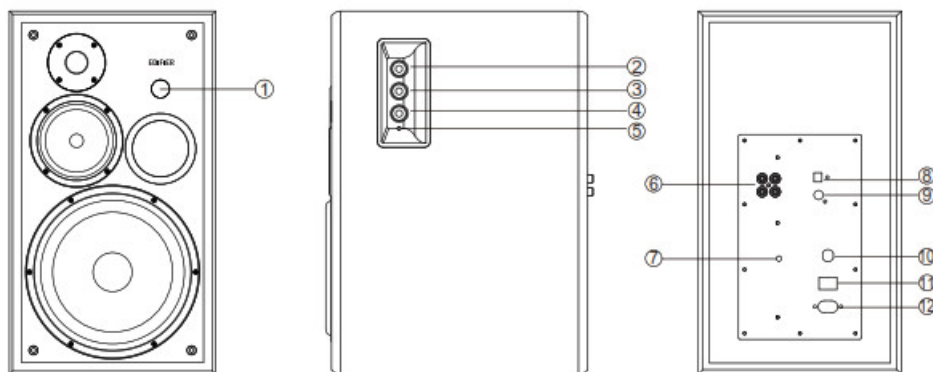
Fiber optic audio cable



Power cable

**Note:** Images are for illustrative purposes only and may differ from the actual product.

## Illustration



1. LED indicator/infrared receiver

Red: Optical/Coaxial mode

Blue: Bluetooth mode

Green: Line In 1/Line In 2 mode

2. Treble dial

3. Bass dial

4. Volume control/input selector

Rotate: adjust the volume

Press: switch amongst Line In 1 → Line In 2 →

Optical → Coaxial → Bluetooth

Press and hold:

Bluetooth mode: disconnect Bluetooth

Line In 1/Line In 2/Optical/Coaxial mode: power off

When powered off (power switch already turned on):  
power on

5. Power indicator

6. Line In 1 input /Line In 2 input

7. Bass output

8. Optical input

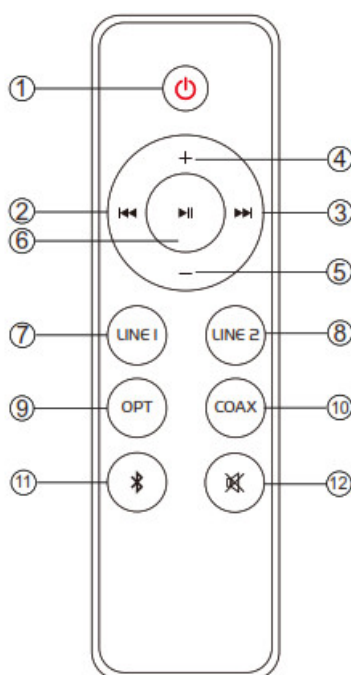
9. Coaxial input

10. Connect to passive speaker

11. Power switch

12. Power cable

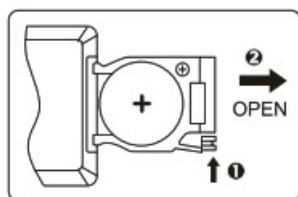
## Remote control



1. Power on/off 2. Previous track (Bluetooth mode) 3. Next track (Bluetooth mode) 4. Volume up 5. Volume down 6. Pause/play (Bluetooth mode)	7. Line In 1 mode 8. Line In 2 mode 9. Optical mode 10. Coaxial mode 11. Bluetooth mode (Press and hold to disconnect Bluetooth) 12. Mute (LED indicator flashes slowly)
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#### Battery loading:

Please refer to the illustration to open the battery compartment, insert the CR2032 battery and close the compartment.



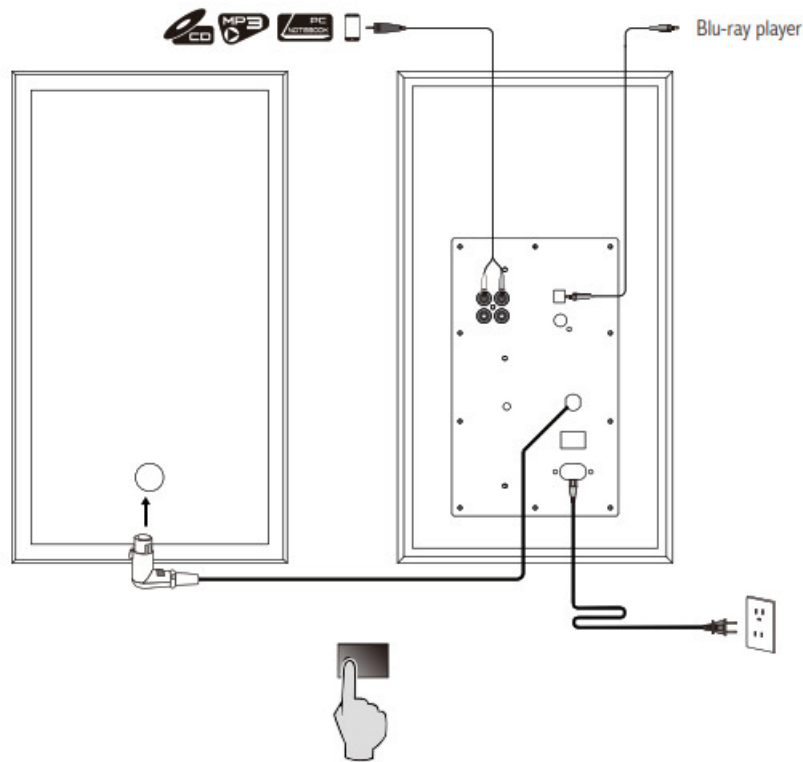
#### **WARNING!**

1. Don't swallow the battery; the danger of chemical burn.
2. The product includes a wafer battery. Swallowing this battery may lead to injury or death. Do not place the new or old battery in where children can get to it.
3. Don't use the product if the battery cover is missing or not closed, and keep the remote inaccessible to children.
4. Please go to the hospital immediately if the battery is swallowed.

#### **Note:**

1. Do not place the remote control in places that are hot and humid.
2. Do not charge the batteries.
3. Remove the batteries when unused for a long period of time.
4. The battery should not be exposed to excessive heat such as direct sun, fire or similar.
5. Danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type.

#### **Connection**



## Audio input



### Line In 1/Line In 2 mode

- Press the “LINE1” or “LINE2” button on the remote control, or press the “volume/input” dial on the active speaker to select Line In 1 or Line In 2 input mode; green LED will flash once in Line In 1 mode, and will flash twice in Line In 2 mode;
- Connect audio source (mobile phone, tablet, etc.) to the “Line In 1” or “Line In 2” input port (note color matching) on the rear panel of the active speaker using an audio cable;
- Play music on the connected device and adjust the settings to the desired level.



### Optical mode

- Press the “OPT” button on the remote control, or press the “volume/input” dial on the active speaker to select optical mode, red LED will flash once;
- Connect audio source (Set-Top Box, Blu-ray player, etc.) to the “OPT” input port on the rear panel of the active speaker using fiber optic audio cable;
- Play music on the connected device and adjust the settings to the desired level.



### Coaxial mode

- Press the “COAX” button on the remote control, or press the “volume/input” dial on the active speaker to select

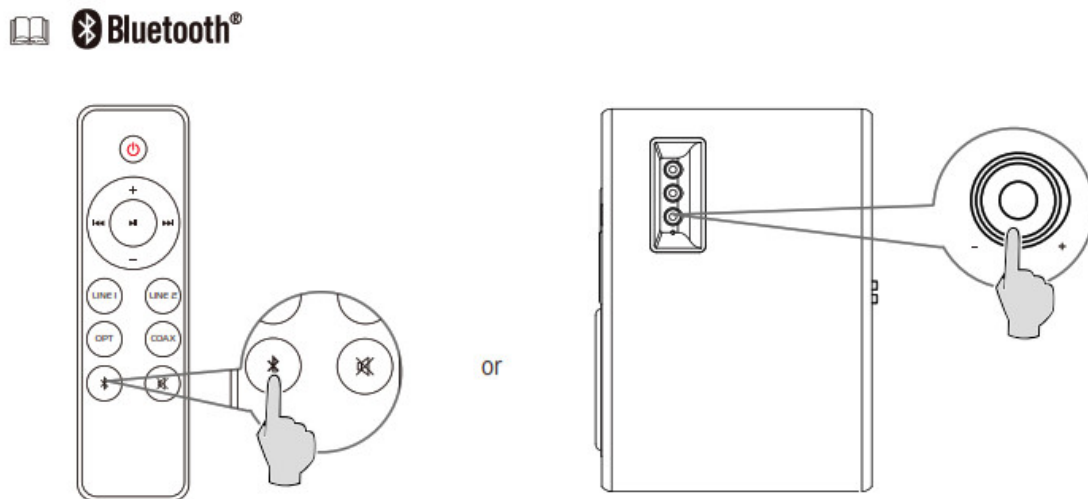
coaxial mode, red LED will flash twice;


- Connect an audio source to the “COAX” input port on the rear panel of the active speaker using coaxial cable (coaxial cable not included);
- Play music on the connected device and adjust the settings to the desired level.


**Note:**

Only the standard PCM audio signals (44.1KHz/48KHz/96KHz) function in optical/coaxial mode.

**Bluetooth mode**



- Press the “” button on the remote control, or press the “volume/input” dial on the active speaker to select Bluetooth mode, blue LED will flash rapidly.
- Set your Bluetooth device to search for and connect to “EDIFIER R2850DB”, after pairing is successful, the blue LED will be steady lit.
- Pin code for connection is “0000” if needed.
- Play music on the connected device and adjust the settings to the desired level.

- To disconnect Bluetooth, press and hold the “” button on the remote control or press and hold the “volume/input” dial on the active speaker.

**Note:**

- To enjoy all Bluetooth functions of this product, please ensure your audio source device has an A2DP (Advanced Audio Distribution Profile) profile.
- Bluetooth connectivity and compatibility may differ amongst different source devices, depending on the software versions of source devices.

**Specifications**

Power output: R/L(treble): 14W+14W  
R/L(mid-range): 16W+16W  
R/L(bass): 45W+45W

Frequency response: 42Hz-20KHz

Audio input: Line In 1, Line In 2, Optical, Coaxial, Bluetooth

Declaration for EU

Frequency Band: 2.402GHz ~ 2.480GHz

RF Power output: ≤20 dBm (EIRP)

There is no restriction of use.



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## Troubleshooting

### No sound

- Check if the speaker is ON.
- Try to turn up the volume using the volume control or remote control.
- Ensure the audio cables are firmly connected and the input is set correctly on the speaker.
- Check if there is a signal output from the audio source.

### Cannot connect via Bluetooth

- Make sure the speaker is switched to Bluetooth input. If it is in other audio input modes, Bluetooth will not connect. Disconnect from any Bluetooth device by pressing and holding the " " button, then try again.
- Effective Bluetooth transmission range is 10 meters; please ensure that operation is within that range.
- Try another Bluetooth device for connection.  
The R2850DB does not turn on
- Check if main power is connected, or if the wall outlet is switched on.

### Noise coming from speakers

- EDIFIER speakers generate little noise, while the background noise of some audio devices are too high. Please unplug the audio cables and turn the volume up, if no sound can be heard at 1 meter away from the speaker, then there is no problem with this product.

To learn more about EDIFIER, please visit [www.edifier.com](http://www.edifier.com)

For EDIFIER warranty queries, please visit the relevant country page on [www.edifier.com](http://www.edifier.com) and review the section titled Warranty Terms.

USA and Canada: [service@edifier.ca](mailto:service@edifier.ca)

South America: Please visit [www.edifier.com](http://www.edifier.com) or [www.edifierla.com](http://www.edifierla.com) (Spanish/Portuguese) for local contact



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**NOTICE:**

For the need of technical improvement and system upgrade, the information contained herein may be subject to change from time to time without prior notice.

Products of EDIFIER will be customized for different applications. Pictures and illustrations shown on this manual may be slightly different from the actual product. If any difference is found, the actual product prevails.

## Documents / Resources

	<b><a href="#">EDIFIER R2850DB 150W Multimedia Active Speaker</a></b> [pdf] User Manual R2850DB, 150W Multimedia Active Speaker, Active Speaker, Multimedia Speaker, Speaker, E DF100007
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## References

-  [Edifier | A Passion for Sound | Headphones, Earphones, Speakers](#)
-  [edifierla.com](http://edifierla.com)