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› [KEF R400GB R400b Front Firing Powerful Subwoofer - High Gloss Piano Black \(Single\) User Manual](#)

## KEF R400GB

# KEF R400GB R400b Subwoofer User Manual

Model: R400GB | Brand: KEF

## INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your KEF R400GB R400b Front Firing Powerful Subwoofer. Please read this manual thoroughly before using the product to ensure optimal performance and safety.



Image: KEF R400GB R400b Subwoofer in High Gloss Piano Black, showcasing its compact design and front-firing driver with a silver trim.

## SAFETY INFORMATION

Always adhere to the following safety guidelines:

- Ensure the subwoofer is placed on a stable, level surface to prevent tipping.
- Do not expose the unit to excessive moisture or extreme temperatures.
- Disconnect the power cord from the wall outlet before cleaning or performing any maintenance.
- Do not block ventilation openings.

- Refer all servicing to qualified service personnel.

## SETUP

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### Unpacking

1. Carefully remove the subwoofer from its packaging.
2. Inspect the unit for any signs of damage during transit. Contact your dealer immediately if damage is found.
3. Retain the original packaging for future transport or storage.

### Placement

The placement of the subwoofer significantly impacts its performance. Consider the following:

- **Room Acoustics:** Bass response is heavily influenced by room dimensions and furnishings. Experiment with different locations.
- **Corner Placement:** Placing the subwoofer in a corner often maximizes bass output, but can sometimes lead to boomy sound.
- **Wall Placement:** Placing it along a wall can provide a balanced bass response.
- **Listening Position:** The ideal placement often involves finding a balance between room acoustics and proximity to the main listening area.



Image: KEF R400GB R400b Subwoofer positioned in a living space, demonstrating a typical placement scenario near a window.

## Connections

The R400b subwoofer requires a power connection and an audio signal input. Ensure all connections are secure before powering on the unit.

- **Power Connection:** Connect the provided power cord to the subwoofer's power input and then to a suitable wall outlet. The unit supports 100V - 120V or 220V - 240V, ~50/60Hz.
- **Audio Input:** Connect your AV receiver or amplifier's subwoofer output (LFE or Sub Out) to the LFE input on the R400b. Use a high-quality RCA cable for optimal signal transfer.

## OPERATING INSTRUCTIONS

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### Initial Power On

1. After making all connections, plug the subwoofer into the power outlet.
2. Locate the power switch on the rear panel and turn the unit ON.

3. The power indicator light will illuminate.

## Adjusting Settings

The R400b features controls to fine-tune its performance to your listening environment and main speakers.

- **Volume/Gain Control:** Adjust this to match the output level of your main speakers. Start low and gradually increase.
- **Crossover Frequency:** This control determines the highest frequency the subwoofer will reproduce. It should be set to blend seamlessly with your main speakers. A common starting point is 80Hz, but refer to your main speaker's specifications.
- **Phase Control:** This adjusts the phase of the subwoofer's output relative to your main speakers. Experiment with 0° and 180° settings to find the one that provides the most impactful and coherent bass.

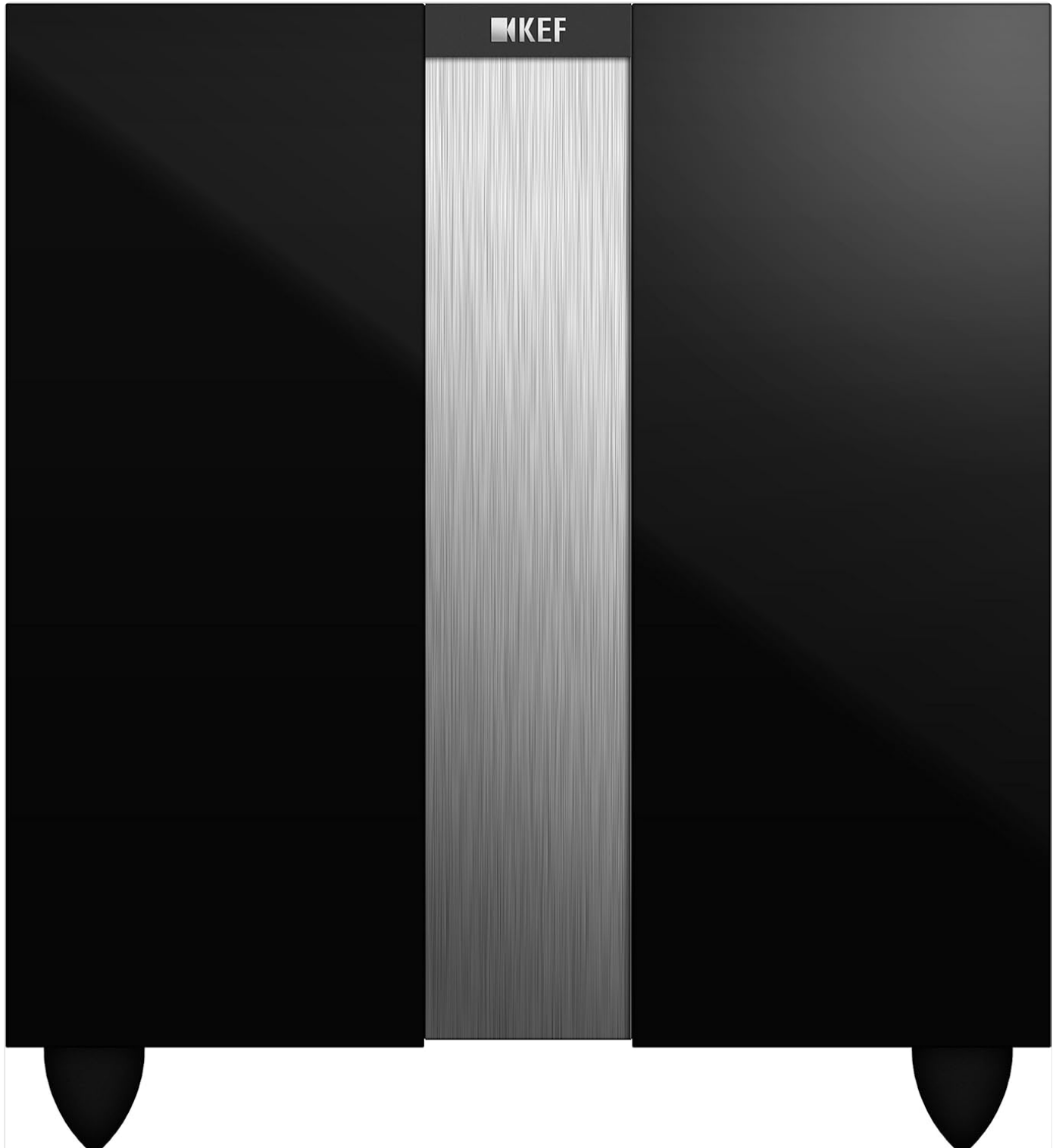


Image: Front view of the KEF R400GB R400b Subwoofer, highlighting its sleek design and the KEF branding.

MAINTENANCE

Proper care will ensure the longevity and performance of your KEF R400GB subwoofer.

- **Cleaning:** Use a soft, dry, lint-free cloth to wipe the cabinet. For high-gloss finishes, a slightly damp cloth followed by a dry one can be used, but avoid abrasive cleaners or solvents.
- **Dusting:** Regularly dust the unit to prevent accumulation, especially around the drivers and ventilation areas.
- **Ventilation:** Ensure adequate airflow around the subwoofer. Do not place it in an enclosed cabinet without proper ventilation.
- **Avoid Direct Sunlight:** Prolonged exposure to direct sunlight can cause fading or damage to the finish.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Sound	Power cord disconnected.	Check power connection.
	Subwoofer not powered on.	Ensure power switch is ON.
	Audio cable loose or faulty.	Verify audio cable connections; try a different cable.
	Receiver/amplifier settings incorrect.	Check receiver's subwoofer output and volume settings.
Distorted or Boomy Bass	Volume too high.	Reduce subwoofer volume.
	Improper placement.	Experiment with different placement locations.
	Incorrect phase setting.	Toggle phase control (0°/180°).
	Crossover frequency too high.	Lower the crossover frequency.
Humming Noise	Ground loop issue.	Try plugging the subwoofer into a different electrical outlet.
	Faulty cable.	Use a ground loop isolator.
		Replace audio cable.

SPECIFICATIONS

Feature	Detail
Model	R400GB
Design	Front Firing Powerful Subwoofer
Drivers	Two 9-inch (225mm) ultra-low distortion bass drivers with force-cancelling technology
Frequency Range	26Hz - 140Hz (-6dB)
Amplifier Type	Built-in Class D
Output Power	500 Watts (RMS)
Power Requirements	100V - 120V / 220V - 240V, ~ 50 / 60Hz
Dimensions (H x W x D)	43.18 x 43.18 x 48.26 cm (17 x 17 x 19 inches)
Weight	453.59 g (approx. 1 lb) <i>(Note: This weight appears unusually low for a subwoofer of this size and power, possibly a data entry error.)</i>
Material	Wood/Plastic (Enclosure), Common (Components)

Feature	Detail
Color	High Gloss Piano Black
Special Features	Voice Control, Force-Cancelling Technology

## WARRANTY AND SUPPORT

### Warranty Information







KEF products are designed and manufactured to the highest quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official KEF website. Keep your proof of purchase for warranty claims.







### Customer Support

For technical assistance, product inquiries, or service requests, please contact KEF customer support. You can find contact information on the official KEF website or through your authorized dealer.

**Official KEF Website:** [us.kef.com](https://us.kef.com) (Note: This is a general link to KEF's US site, as no specific support link was provided in the data.)

### Related Documents - R400GB

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