

REL Acoustics HT1205

REL Acoustics HT/1205 Subwoofer Instruction Manual

Model: HT/1205

1. INTRODUCTION AND OVERVIEW

The REL Acoustics HT/1205 is a high-performance home theater subwoofer engineered to deliver powerful and dynamic bass. It features a 500W Class D amplifier and a 12-inch (300mm) long-travel driver, designed for exceptional output in dedicated home theater environments. This subwoofer is also compatible with HT-Air Wireless for flexible placement options.

This manual provides essential information for the safe and optimal use of your HT/1205 subwoofer. Please read it thoroughly before setup and operation.

2. PRODUCT FEATURES

- **Amplifier:** 500W Class D amplifier for high current and limitless dynamics.
- **Driver:** 12-inch (300mm) long-travel driver with a glass fiber base cone and a true carbon fiber center for stiffness and explosiveness.
- **Design:** Line-grained black composite finish with a high-gloss lacquer top panel, designed to dampen chassis resonances.
- **Connectivity:** RCA inputs for LFE and low-level signals.
- **Wireless Compatibility:** HT-Air Wireless compatible (optional) for zero-compression wireless audio transmission.
- **Controls:** Intuitive, easy-to-use analog controls with double labeling for clear adjustments from any angle.



Figure 2.1: Front view of the HT/1205 Subwoofer, highlighting the 12-inch driver.



Figure 2.2: Rear panel of the HT/1205 Subwoofer with various controls and input/output options.

Video 2.1: An overview of the REL Acoustics HT/1205 Subwoofer, detailing its design and features.

3. SETUP INSTRUCTIONS

3.1 Placement

Optimal placement of the subwoofer is crucial for sound quality. Experiment with different locations in your room. Corner placement often provides the most output, while placement along a wall can offer a more balanced sound. Avoid placing the subwoofer directly in a cabinet or enclosed space, as this can negatively impact performance.

3.2 Wired Connection

1. Ensure all audio equipment is powered off before making connections.
2. For LFE (Low-Frequency Effects) connection, use a single RCA cable from your AV receiver's LFE

output to the LFE input on the HT/1205.

3. For low-level stereo connection, use two RCA cables from your pre-amplifier or receiver's stereo outputs to the LEFT and RIGHT LOW LEVEL inputs on the HT/1205.
4. Connect the power cable to the subwoofer and then to a wall outlet.

3.3 Wireless Connection (HT-Air, optional)

If using the optional HT-Air Wireless system, refer to the HT-Air manual for specific pairing instructions. The HT-Air system allows for flexible placement without long cable runs, maintaining sound quality with zero compression.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Locate the power switch on the rear panel. Set it to 'ON' to power on the subwoofer. The 'STATUS' indicator will illuminate. The subwoofer also features an 'AUTO' mode for automatic power on/off based on audio signal detection.

4.2 Adjusting Controls

- **Phase:** Adjust the phase control (0 or 180 degrees) to ensure the subwoofer's output is in phase with your main speakers. Listen for the most coherent and impactful bass.
- **Crossover:** The 'CROSSOVER' knob sets the upper frequency limit of the subwoofer. Adjust this to blend seamlessly with your main speakers. Start with a lower setting and gradually increase until the bass sounds integrated, not boomy or disconnected.
- **Level:** The 'LEVEL' knob controls the overall output volume of the subwoofer. Adjust this to achieve the desired bass intensity without overpowering the main speakers.

Make small adjustments to each control and listen carefully to the results. It may take some time to find the optimal settings for your room and system.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the cabinet. Avoid abrasive cleaners or solvents.
- **Placement:** Ensure adequate ventilation around the subwoofer to prevent overheating. Do not block the rear panel or place it in direct sunlight.
- **Handling:** When moving the subwoofer, always lift it carefully from the base. Avoid dropping or subjecting it to strong impacts.

6. TROUBLESHOOTING

- **No Sound:** Check power connections, ensure the subwoofer is powered on, and verify audio input cables are securely connected. Confirm the source device is playing audio and the receiver's subwoofer output is enabled.
- **Distorted Sound:** Reduce the 'LEVEL' control. Check for loose connections or damaged cables. Ensure the subwoofer is not overdriven.
- **Boomy or Uncontrolled Bass:** Adjust the 'CROSSOVER' and 'LEVEL' controls. Experiment with subwoofer placement to reduce room modes.
- **Lack of Bass Impact:** Verify the 'PHASE' setting. Ensure the 'LEVEL' control is adequately set. Check if the LFE or low-level input is correctly configured on your receiver.

If issues persist, consult the REL Acoustics website or contact customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	REL Acoustics
Model Number	HT1205
Speaker Maximum Output Power	500 Watts
Frequency Response	22 Hz
Connectivity Technology	RCA
Audio Output Mode	Stereo
Mounting Type	Tabletop Mount
Enclosure Material	Wood
Speaker Type	Subwoofer
Additional Features	Bass Boost, Portable
Subwoofer Diameter	12 Inches
Controller Type	Corded Electric
Color	Black
Is Waterproof	FALSE
Warranty Type	Limited
Control Method	Touch
Speaker Size	12 Inches
Woofer Diameter	12 Inches
Bluetooth Range	10 Meters
MP3 player	No
Item Dimensions D x W x H	15"D x 15.7"W x 16"H
Item Weight	38 Pounds
Compatible Devices	Television, Projector, Laptop
Power Source	AC
Model Name	HT/1205
Customer Package Type	Not Flat Free Package
UPC	857316005348

Feature	Specification
Manufacturer	REL Acoustics
ASIN	B07DFBQV15
Input Voltage	110 Volts
Number of Power Levels	1
Number of Audio Channels	5.1
Wireless Technology	Bluetooth
Subwoofer Connectivity Technology	Wireless
Connectivity Protocol	Bluetooth
Audio Driver Type	Dynamic Driver
Audio Driver Size	12 Inches
Number Of Circuits	1
GTIN	857316005348

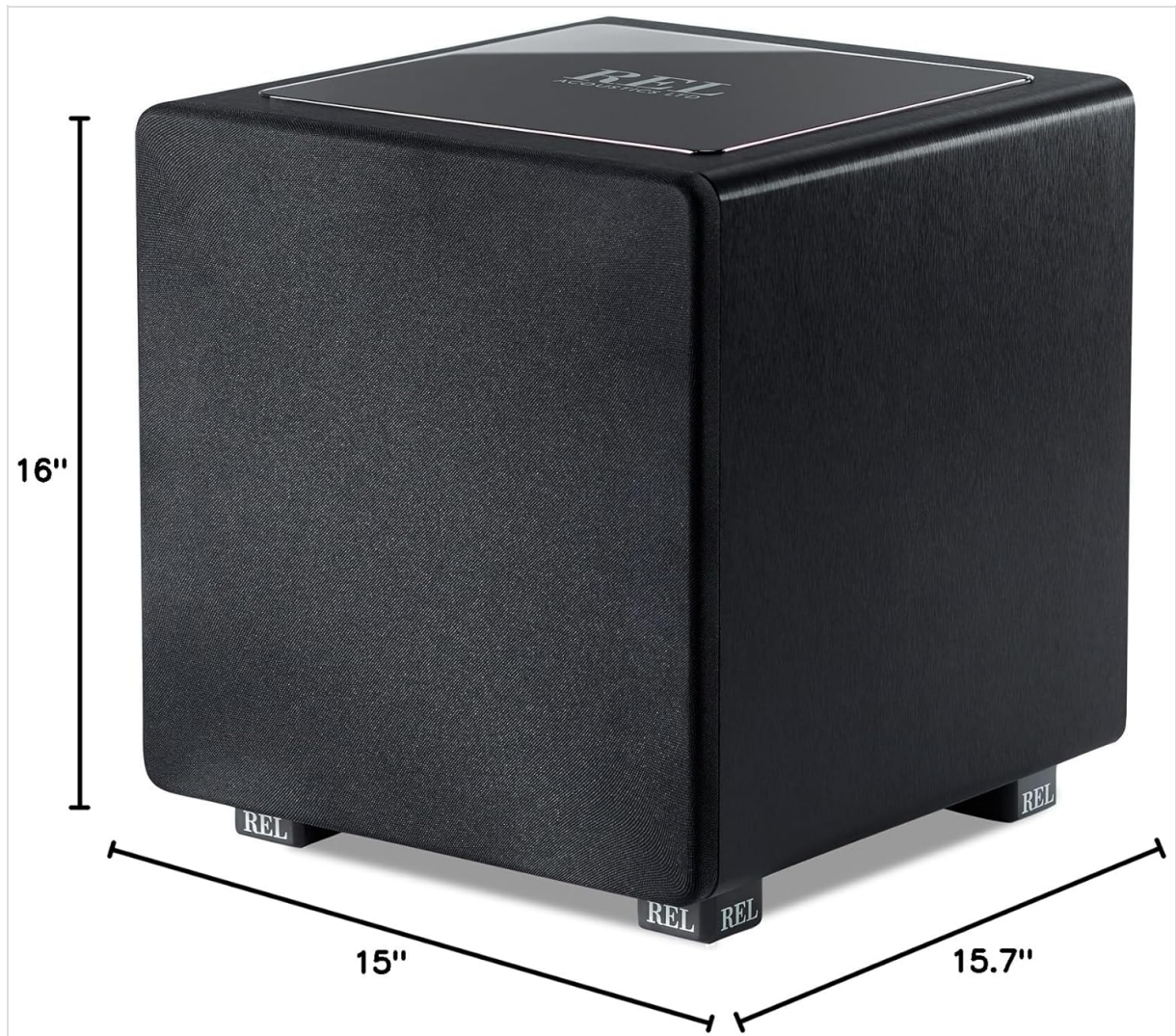


Figure 7.1: Dimensions of the HT/1205 Subwoofer.

8. WARRANTY AND SUPPORT

The REL Acoustics HT/1205 Subwoofer comes with a Limited Warranty. For detailed information regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your product or visit the official REL Acoustics website.

For technical support, service, or any inquiries not covered in this manual, please contact REL Acoustics customer support through their official website or authorized service centers. Ensure you have your product model number (HT1205) and proof of purchase available when seeking support.