

## HECO Aurora Sub 30A

# HECO Aurora Subwoofer 30A Instruction Manual

Model: Aurora Sub 30A

[Box](#)   [Setup](#)   [Operation](#)   [Introduction](#)   [Features](#)   [What's in the](#)  
[Maintenance](#)   [Troubleshooting](#)   [Specifications](#)   [Warranty & Support](#)

## 1. INTRODUCTION

Thank you for choosing the HECO Aurora Subwoofer 30A. This active bass reflex subwoofer is designed to deliver powerful and precise low-frequency sound, enhancing your home theater, music, and gaming experiences. This manual provides essential information for proper setup, operation, and maintenance of your subwoofer.

## 2. PRODUCT FEATURES

- Powerful active subwoofer with a 30 cm (12-inch) high-power woofer and a high-performance Class A/B amplifier, delivering up to 250 Watts maximum output.
- Front-firing design for flexible placement and optimal bass dispersion.
- Elegant silk matte lacquer finish combined with modern wood decors.
- Equipped with Resonance-damping Extended Surface Damper (ESD) for reduced cabinet vibrations.
- Front cover with acoustic fabric and invisible magnetic attachment for a clean aesthetic.
- Craft paper cone woofer, consisting of renewable source pulp with German-made wool fibers for high stiffness and accurate bass reproduction.
- Robust cabinet construction, approximately 1 inch thick, with an L-shaped baffle made from a dead-resin material to eliminate resonance.

## 3. WHAT'S IN THE BOX

Upon unpacking, please ensure all items are present and in good condition:

- HECO Aurora Subwoofer 30A Unit

- Front Cover (with acoustic fabric)
- Power Cable
- Instruction Manual (this document)

## 4. SETUP GUIDE

---

### 4.1 Unpacking and Placement

Carefully remove the subwoofer from its packaging. Place the subwoofer on a stable, level surface. The front-firing design allows for flexibility in placement, but generally, placing it in a corner or along a wall can enhance bass output. Experiment with different positions to find the best sound for your room.



Image: Front view of the HECO Aurora Subwoofer 30A, showcasing its sleek design and front-firing woofer.

### 4.2 Connections

Ensure your audio system (AV receiver, amplifier) is turned off before making any connections.

1. **Power Connection:** Connect the provided power cable to the AC inlet on the rear of the subwoofer and then to a suitable wall outlet.
2. **Audio Input:** The Aurora Subwoofer 30A supports RCA or 3.5mm jack connectivity.
  - **RCA Input (Recommended for AV Receivers):** Connect an RCA cable from the "SUBWOOFER OUT" or "LFE OUT" port on your AV receiver to the "L" (Left) RCA input on the subwoofer. If your receiver has a stereo subwoofer output, connect both "R" and "L" inputs.
  - **3.5mm Jack Input (for other devices):** If connecting to a device with a 3.5mm audio output, use an appropriate adapter cable to connect to the RCA inputs.



Image: Rear panel of the HECO Aurora Subwoofer 30A, showing the input ports, volume, frequency, and phase controls, and power switch.

## 5. OPERATING INSTRUCTIONS

---

### 5.1 Powering On/Off

- **Main Power Switch:** Locate the main power switch on the rear panel. Flip it to the "ON" position to power on the subwoofer.
- **Auto On/Off:** The subwoofer features an "AUTO" mode. When set to "AUTO", the subwoofer will automatically turn on when it detects an audio signal and enter standby mode after a period of inactivity. For continuous operation, set the switch to "ON".

### 5.2 Adjusting Controls

The rear panel features several controls to fine-tune the subwoofer's performance to your listening environment and preferences:

- **Volume:** Adjusts the overall output level of the subwoofer. Start with a low setting and gradually increase until the bass blends seamlessly with your main speakers.
- **Frequency (Crossover):** This knob sets the upper frequency limit for the subwoofer. It typically ranges from 50 Hz to 150 Hz. Adjust this to match the low-frequency capabilities of your main speakers. If your main speakers have good bass extension, set it lower (e.g., 80 Hz). If they are smaller, set it higher.
- **Phase (0°/180°):** This switch adjusts the phase of the subwoofer's output relative to your main speakers. Experiment with both settings (0° and 180°) to find the one that produces the most impactful and coherent bass at your listening position. The correct setting will result in stronger, more defined bass.

For optimal integration, it is recommended to use your AV receiver's automatic room correction system (if available) after initial manual adjustments.

## 6. MAINTENANCE

---

- **Cleaning:** Use a soft, dry cloth to clean the cabinet. Avoid abrasive cleaners, solvents, or chemical sprays, as these can damage the finish.
- **Dust:** Regularly dust the subwoofer, especially the woofer cone and rear panel, to prevent dust buildup.
- **Placement:** Ensure the subwoofer is placed in a well-ventilated area, away from direct sunlight, heat sources, and excessive moisture.
- **Grille:** The magnetic grille can be removed for cleaning or if you prefer the aesthetic of the exposed woofer.

Handle with care.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from subwoofer	Subwoofer not powered on. Volume too low. Incorrect input connection. No LFE signal from source. "AUTO" mode in standby.	Check power switch and power cable. Increase volume knob on subwoofer. Verify RCA cable connection to LFE/Sub Out. Check AV receiver settings for subwoofer output. Switch to "ON" or play audio to activate.
Distorted or boomy bass	Volume too high. Incorrect frequency (crossover) setting. Poor room acoustics/placement.	Decrease volume. Adjust frequency knob to blend with main speakers. Try different placement (e.g., away from corners).
Weak or thin bass	Volume too low. Incorrect phase setting. Frequency (crossover) set too low.	Increase volume. Toggle phase switch (0°/180°) and listen for improvement. Increase frequency knob to allow more bass frequencies.

## 8. SPECIFICATIONS

Brand	HECO
Model Number	Aurora Sub 30A
Speaker Type	Subwoofer
Speaker Maximum Output Power	250 Watts
Woofer Diameter	30 Centimeters (12 Inches)
Frequency Response	Adjustable (50 Hz - 150 Hz crossover)
Connectivity Technology	RCA or 3.5mm jack (Wired)
Audio Output Mode	Stereo (via RCA inputs)
Mounting Type	Floor Standing
Power Source	Corded Electric
Item Dimensions (D x W x H)	22.5"D x 17.75"W x 20.5"H
Color	Black
GTIN / UPC	810072330185



Image: Diagram showing the dimensions of the HECO Aurora Subwoofer 30A: 22.5 inches deep, 17.75 inches wide, and 20.5 inches high.

## 9. WARRANTY AND SUPPORT

The HECO Aurora Subwoofer 30A comes with a Full Warranty. For specific details regarding the warranty period, coverage, and terms, please refer to the warranty card included with your product or contact HECO customer support directly.

For technical support, service, or any questions not covered in this manual, please visit the official HECO website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty claims.