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› Dayton Audio Classic CS1200 12-inch Powered Subwoofer User Manual

Dayton Audio CS1200

Dayton Audio Classic CS1200 12-inch Powered Subwoofer User Manual

Model: CS1200 | Brand: Dayton Audio

1. INTRODUCTION

Thank you for choosing the Dayton Audio Classic CS1200 Powered Subwoofer. This 12-inch subwoofer is designed to enhance your home audio system with deep, clean, and powerful bass. Featuring a 200W Class-D amplifier and a robust cabinet, it delivers accurate low-frequency reproduction for both music and home theater experiences. This manual provides essential information for setup, operation, and maintenance to ensure optimal performance and longevity of your subwoofer.

200W of Clean Power

Tight, accurate bass without boominess or distortion.



Image: The Dayton Audio CS1200 subwoofer, showcasing its powerful 200W Class-D amplifier for tight, accurate bass.

2. WHAT'S IN THE BOX

Please check the package contents to ensure all items are present:

- Dayton Audio Classic CS1200 Subwoofer
- Speaker Grille (Gray)
- Rubber Feet
- 6ft Power Cable
- User Manual (this document)

3. SETUP

3.1 Subwoofer Placement

Proper placement of your subwoofer is crucial for optimal sound performance. Experiment with different locations in your

room to find the best balance of bass response and integration with your main speakers. Generally, placing the subwoofer in a corner can increase bass output, while placing it along a wall can provide a smoother response. Consider the following:

- **Corner Placement:** Often provides the most bass output, but can sometimes lead to a 'boomy' sound.
- **Wall Placement:** Placing the subwoofer along a wall, away from corners, can offer a more balanced bass.
- **Near Main Speakers:** Placing the subwoofer close to your main speakers can improve soundstage cohesion.
- **"Subwoofer Crawl" Method:** Place the subwoofer in your primary listening position, then crawl around the room to find where the bass sounds best. This is often the ideal placement for the subwoofer.



Image: The Dayton Audio CS1200 subwoofer seamlessly integrated into a living room setup, designed to complement your space.

3.2 Connections

The CS1200 offers flexible connectivity options to integrate with various audio systems. Ensure your audio system is powered off before making any connections.

CONNECTIONS

15-1/2" (W) x 18" (D) x 16-3/8" (H)

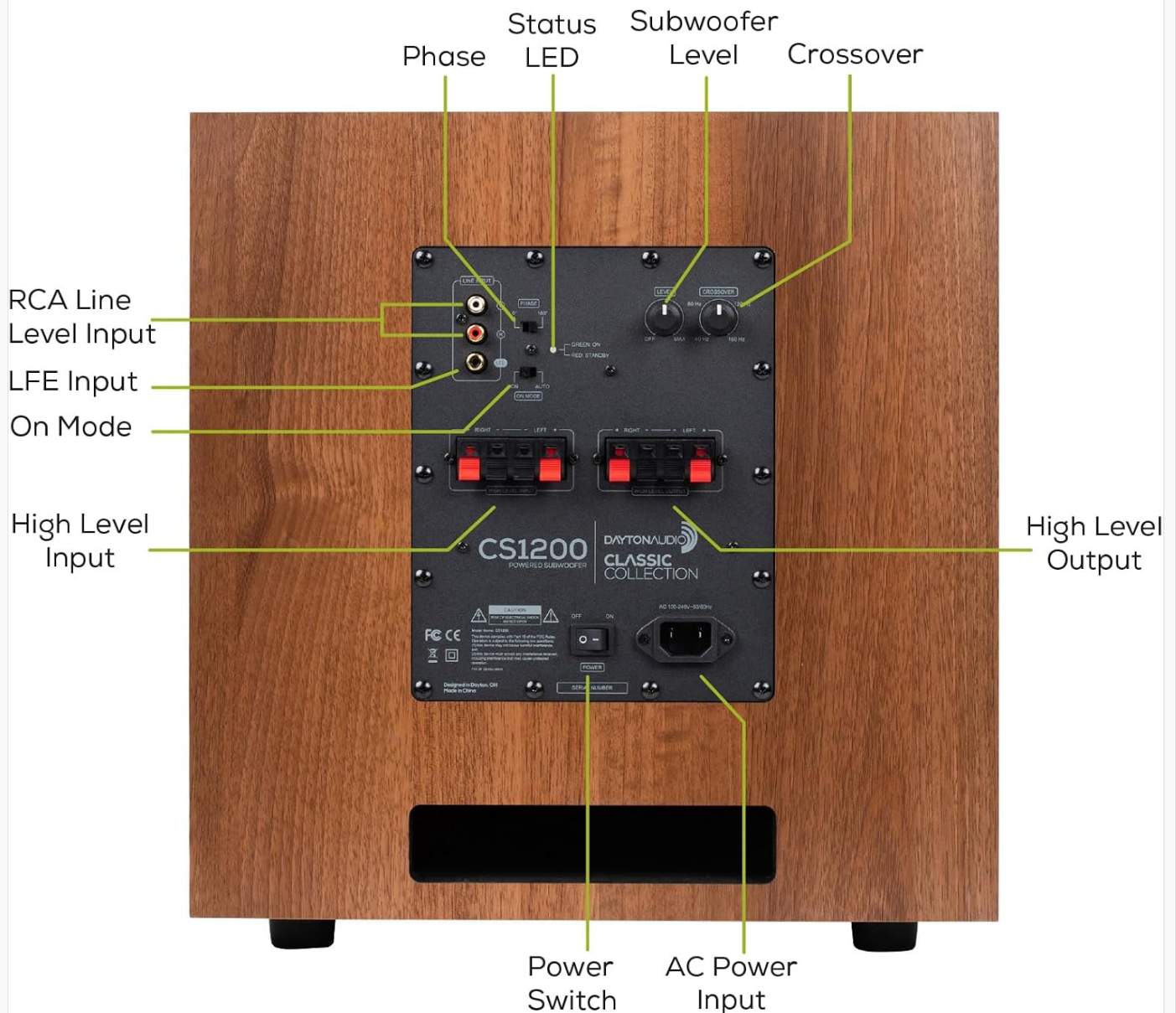


Image: Detailed view of the Dayton Audio CS1200 subwoofer's rear connection panel and controls.

- **LFE Input (Recommended for AV Receivers):** Connect a single RCA cable from your AV receiver's "Subwoofer Out" or "LFE Out" jack to the LFE input on the subwoofer. This bypasses the subwoofer's internal crossover, allowing your receiver to manage bass management.
- **RCA Line Level Inputs (Stereo):** If your receiver does not have an LFE output, connect stereo RCA cables from your receiver's "Pre-Out" or "Subwoofer Pre-Out" to the Left (L) and Right (R) RCA Line Level Inputs on the subwoofer. In this configuration, the subwoofer's Crossover control will be active.
- **High Level Inputs/Outputs (Speaker Wire):** For systems without RCA outputs, connect speaker wires from your amplifier's main speaker outputs to the High Level Inputs on the subwoofer. Then, connect speaker wires from the High Level Outputs on the subwoofer to your main speakers. This allows the subwoofer to receive the full signal and pass it through to your main speakers, while the subwoofer's internal amplifier handles the low frequencies.
- **Power Connection:** Connect the supplied 6ft power cable to the AC Power Input on the subwoofer and then to a suitable wall outlet (120V AC).

4. OPERATING THE SUBWOOFER

4.1 Controls Overview

The rear panel of your CS1200 subwoofer features several controls for fine-tuning its performance:



Image: Close-up of the subwoofer's control panel, showing input options and adjustment knobs.

- **Subwoofer Level (Volume):** Adjusts the overall output volume of the subwoofer. Start with a low setting and gradually increase until the bass blends seamlessly with your main speakers.
- **Crossover (Low Pass Filter):** This control sets the upper frequency limit for the subwoofer. Frequencies above this setting will not be reproduced by the subwoofer. Adjust this to blend with your main speakers. A common starting point is 80Hz. If using the LFE input, this control is typically bypassed, and crossover is managed by your AV receiver.
- **Phase (0°/180°):** This switch adjusts the phase of the subwoofer's output relative to your main speakers. Experiment with both settings to find the one that provides the most impactful and coherent bass at your listening position.
- **On Mode (On/Auto):**
 - **On:** The subwoofer remains continuously powered on.
 - **Auto:** The subwoofer will automatically turn on when an audio signal is detected and enter standby mode after a period of inactivity. Note that some users have reported that the auto-on feature may require a moderate volume level to activate consistently. If the subwoofer frequently enters standby during low-volume listening, you may prefer the "On" mode.
- **Status LED:** Indicates the power status of the subwoofer (e.g., Green for On, Red for Standby).

4.2 Initial Setup and Tuning

1. Ensure all connections are secure and the subwoofer is plugged into a power outlet.
2. Set the "On Mode" switch to "Auto" or "On" as preferred.
3. Turn the "Subwoofer Level" control to its minimum setting.
4. If using RCA Line Level Inputs, set the "Crossover" control to approximately 80Hz. If using LFE input, this control is typically inactive.
5. Play some audio (music or movie) through your system at a moderate volume.
6. Slowly increase the "Subwoofer Level" until the bass output blends naturally with your main speakers. The goal is to enhance the low end without the subwoofer sounding like a separate speaker.
7. Adjust the "Crossover" control (if active) to achieve the smoothest transition between the subwoofer and your main speakers.
8. Experiment with the "Phase" switch (0° or 180°) to determine which setting provides the most impactful and cohesive bass at your listening position.

Your browser does not support the video tag.

Video: A lifestyle video showcasing the Dayton Audio Classic Collection, including the subwoofer, in various home audio setups. This video

5. MAINTENANCE

To ensure the longevity and optimal performance of your Dayton Audio CS1200 subwoofer, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the cabinet. Avoid using liquid cleaners, aerosols, or abrasive chemicals, as these can damage the finish.
- **Placement Environment:** Place the subwoofer in a location away from direct sunlight, heat sources, and excessive moisture. Ensure adequate ventilation around the amplifier plate.
- **Grille Care:** The included speaker grille can be removed for cleaning. Gently brush off dust or use a lint roller.
- **Power Off When Not in Use:** If you will not be using the subwoofer for an extended period, it is advisable to switch the "On Mode" to "Off" and unplug the power cable from the wall outlet.

6. TROUBLESHOOTING

If you encounter issues with your Dayton Audio CS1200 subwoofer, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No sound from subwoofer	No power; incorrect connections; low volume; receiver settings.	• Ensure power cable is securely connected and wall outlet is active. • Check all audio cables (RCA, LFE, speaker wire) for secure connection. • Increase "Subwoofer Level" control. • Verify your AV receiver's subwoofer output is enabled and volume is adequate. • Ensure "On Mode" is set to "On" or that an audio signal is present if in "Auto" mode.
Boomy or distorted bass	Improper placement; crossover too high; subwoofer level too high; phase mismatch.	• Adjust subwoofer placement (refer to Section 3.1). • Lower the "Subwoofer Level" control. • Adjust the "Crossover" control to a lower frequency. • Toggle the "Phase" switch (0°/180°) to find the best setting.
Subwoofer frequently enters standby in "Auto" mode	Low input signal level.	• Increase the output level of your receiver's subwoofer channel. • If the issue persists, switch the "On Mode" to "On" for continuous operation.

7. SPECIFICATIONS

Feature	Specification
Brand	Dayton Audio
Model Number	CS1200
Speaker Type	Powered Subwoofer
Subwoofer Diameter	12 inches
Amplifier Type	Class-D
Speaker Maximum Output Power	200 watts
Frequency Response	26 hertz (lower limit)
Connectivity Technology	RCA, Speaker Wire
Input Voltage	120 volts
Mounting Type	Floor Standing
Item Dimensions (D x W x H)	18"D x 15.5"W x 16.37"H
GTIN (UPC)	848791011429

8. WARRANTY AND SUPPORT

Your Dayton Audio Classic CS1200 Powered Subwoofer is backed by a **5-year manufacturer's warranty**, ensuring performance you can trust. This warranty covers defects in materials and workmanship under normal use.

For technical support, warranty claims, or further assistance, please contact Dayton Audio customer service through their official website or the retailer from whom you purchased the product. Please have your model number (CS1200) and proof of purchase ready when contacting support.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question