

DALI SUB C-8 D

DALI SUB C-8 D Powered Subwoofer User Manual

Model: SUB C-8 D

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient use of your DALI SUB C-8 D Powered Subwoofer. The SUB C-8 D is designed to integrate seamlessly into various audio setups, enhancing bass performance for both surround sound systems and compact stereo configurations. Please read this manual thoroughly before installation and operation to ensure optimal performance and longevity of your device.

IMPORTANT SAFETY INSTRUCTIONS

- **Power Source:** Connect the subwoofer only to a power supply of the type described in this manual or marked on the unit.
- **Ventilation:** Ensure adequate ventilation. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- **Heat:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Water and Moisture:** Do not use this apparatus near water or expose it to dripping or splashing.
- **Cleaning:** Clean only with a dry cloth.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Placement:** Place the subwoofer on a stable, level surface to prevent tipping. Avoid placing it in direct sunlight or in areas with high humidity.

PACKAGE CONTENTS

Please check that all items are present in the package:

- DALI SUB C-8 D Powered Subwoofer
- Power Cable

SETUP

1. Placement

The DALI SUB C-8 D is designed for floor standing placement. Its compact size allows for flexible positioning within your listening environment. For optimal bass response, experiment with different locations in your room. Generally, placing the subwoofer in a corner can enhance bass output, while placing it along a wall can provide a more balanced sound. Ensure the subwoofer is placed on a stable, level surface.



Image: Front view of the DALI SUB C-8 D Powered Subwoofer, showcasing its compact white cabinet and four black feet.

2. Connections

Connect the subwoofer to your audio system using the appropriate cables. The SUB C-8 D features RCA connectivity for line input.

- **Line Input (RCA):** Connect the RCA output from your amplifier or AV receiver to the "LINE INPUT" (LFE or Stereo) on the subwoofer's rear panel.
- **Power Connection:** Connect the supplied power cable to the AC inlet on the subwoofer's rear panel, then plug it into a suitable wall outlet.



Image: Rear panel of the DALI SUB C-8 D Subwoofer, showing the power switch, AC inlet, RCA line inputs, and control knobs for Power Mode, Phase, Crossover, and Volume.

3. Initial Settings

Before powering on, set the initial controls on the rear panel:

- **Power Mode:** Set to "AUTO" for automatic power on/off with signal detection, or "ON" for continuous operation.
- **Phase:** Start with "0°". Adjust later if bass sounds thin or out of sync with main speakers.
- **Crossover:** Set to a starting point based on your main speakers' low-frequency capabilities. A common starting point is 80 Hz.
- **Volume:** Set to a low level (e.g., 1/4 or 1/3 of the way up) to avoid sudden loud bass when first powering on.

OPERATION

Power On/Off

Once connected, flip the main power switch on the rear panel to the "ON" position. If "Power Mode" is set to "AUTO", the subwoofer will power on automatically when an audio signal is detected and enter standby mode when no signal is present for a period.

Adjusting Sound Settings

- **Volume:** Adjust the volume knob to balance the subwoofer's output with your main speakers. The bass should be felt, not overtly heard as a separate speaker.
- **Crossover:** Fine-tune the crossover frequency. This determines the point at which the subwoofer takes over from your main speakers. If your main speakers are small, a higher crossover frequency (e.g., 100-120 Hz) may be appropriate. For larger speakers, a lower frequency (e.g., 60-80 Hz) might be better.
- **Phase:** If the bass sounds weak or hollow, try switching the phase between 0° and 180°. The correct setting will result in the most impactful and coherent bass.

Make small adjustments and listen to various types of audio content to find the optimal settings for your room and preferences.

MAINTENANCE

To ensure the longevity and optimal performance of your DALI SUB C-8 D subwoofer, follow these simple maintenance guidelines:

- **Cleaning:** Dust the cabinet regularly with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or chemical sprays, as these can damage the finish.
 - **Ventilation:** Ensure that the ventilation openings on the subwoofer are not obstructed by dust or other objects.
 - **Environment:** Keep the subwoofer away from direct sunlight, excessive heat, and high humidity.
 - **Cables:** Periodically check all cable connections to ensure they are secure and free from damage.
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TROUBLESHOOTING

If you experience issues with your DALI SUB C-8 D, refer to the following common problems and solutions:

- **No Sound:**
 - Ensure the subwoofer is plugged in and the main power switch is "ON".
 - Check if the "Power Mode" is set correctly (e.g., "AUTO" and an audio signal is present).
 - Verify that the RCA audio cables are securely connected to both the subwoofer and your amplifier/receiver.
 - Increase the volume level on the subwoofer and your amplifier/receiver.
- **Distorted or Unclear Bass:**
 - Reduce the volume level on the subwoofer.
 - Adjust the "Crossover" frequency. It might be set too high or too low for your main speakers.
 - Experiment with the "Phase" switch (0° or 180°) to ensure proper integration with your main speakers.
 - Check for loose connections or damaged cables.
- **Subwoofer Not Powering On Automatically (in AUTO mode):**
 - Ensure an audio signal is being sent to the subwoofer.
 - Check the sensitivity of your amplifier's output or try increasing the volume slightly.
 - If the issue persists, switch the "Power Mode" to "ON" for continuous operation.

If these steps do not resolve the issue, please contact DALI customer support or your authorized dealer.

SPECIFICATIONS

Brand	DALI
Model Number	SUB C-8 D
Speaker Type	Subwoofer
Speaker Size	8 Inches
Woofer Diameter	20 Centimeters
Speaker Maximum Output Power	220 Watts
Connectivity Technology	RCA
Audio Output Mode	Surround
Mounting Type	Floor Standing
Control Method	Touch (knobs/switches)
Specific Uses For Product	Home entertainment systems
Number of Audio Channels	5.1
Compatible Devices	Desktop, Gaming Console, Home Theater, Laptop, Projector, Television
Item Dimensions (D x W x H)	13"D x 12"W x 11"H
Item Weight	21.8 Pounds
Power Source	Corded Electric



Image: Top-down view of the DALI SUB C-8 D Subwoofer, showing the 8-inch woofer and bass port.

WARRANTY INFORMATION

The DALI SUB C-8 D Powered Subwoofer comes with a **1-Year Limited Warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modifications, or improper installation.

For detailed warranty terms and conditions, please refer to the documentation included with your product or visit the official DALI website.

SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact DALI customer support or your authorized DALI dealer.

You can find more information and contact details on the official DALI website: www.dali-speakers.com