

Dayton Audio Classic T65

Dayton Audio Classic T65 Floor-Standing Tower Speaker Pair Instruction Manual

Model: Classic T65

1. INTRODUCTION

Thank you for choosing the Dayton Audio Classic T65 Floor-Standing Tower Speaker Pair. These speakers are designed to deliver a dynamic and engaging listening experience for various entertainment needs. This manual provides essential information for proper setup, operation, and maintenance to ensure optimal performance and longevity of your speakers.

2. SAFETY INFORMATION

Please read and understand all safety instructions before using your speakers. Retain this manual for future reference.

- **Placement:** Ensure speakers are placed on a stable, level surface to prevent tipping. Keep them away from heat sources, direct sunlight, and moisture.
- **Ventilation:** Do not block any ventilation openings. Adequate airflow is necessary to prevent overheating.
- **Power:** Connect speakers only to amplifiers or receivers with appropriate power ratings. Exceeding the maximum power handling (150W) can cause damage.
- **Cleaning:** Disconnect from power before cleaning. Use a soft, dry cloth. Avoid liquid cleaners or aerosols.
- **Servicing:** Do not attempt to service these speakers yourself. Refer all servicing to qualified service personnel.
- **Children:** Keep packaging materials and small parts away from children to prevent choking hazards.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Dayton Audio Classic T65 Floor-Standing Tower Speakers (Pair)
- Speaker Wire
- Instruction Manual (this document)

4. PRODUCT OVERVIEW

The Dayton Audio Classic T65 speakers feature a full-size tower design with a bass reflex cabinet. Key components include:

- **Dual 6-1/2" Bass Drivers:** Custom poly drivers for punchy bass.
- **1" Silk Dome Tweeter:** Reproduces accurate treble without harshness.
- **Bass Reflex Cabinet:** Provides ample internal volume for room-filling bass.
- **True Hi-Fi Design:** Real crossovers distribute audio signals between woofers and tweeter for a rich, detailed sound.
- **High-Quality Connections:** Gold-plated binding posts for optimal signal transfer.



Figure 4.1: Front view of the Dayton Audio Classic T65 speaker without grille.

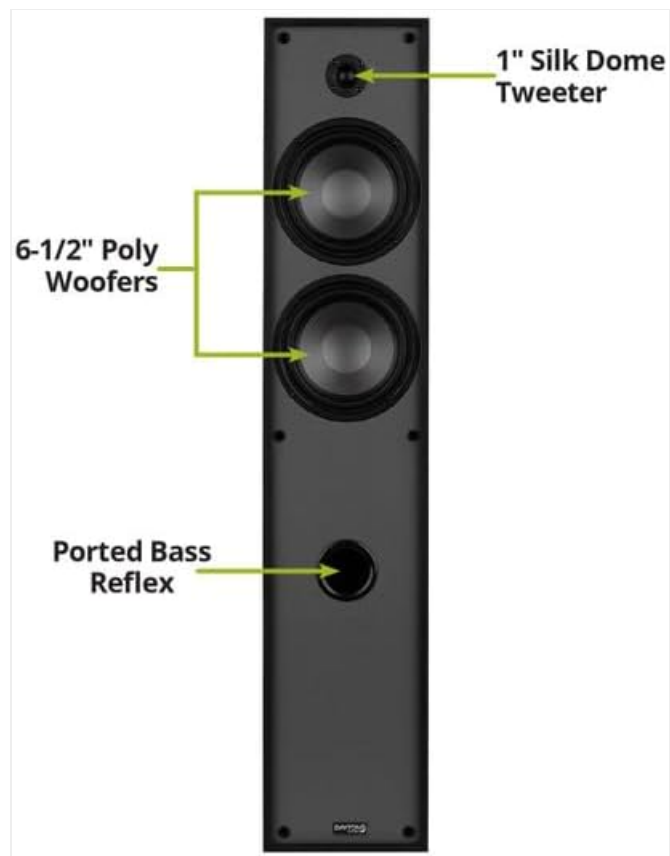


Figure 4.2: Labeled components of the Dayton Audio Classic T65 speaker.



Figure 4.3: Rear view of the Dayton Audio Classic T65 speaker.



Figure 4.4: Detail of the high-quality binding posts.

Product Videos

Dayton Audio T65 - Closer Look

Your browser does not support the video tag.

This video provides a detailed look at the Dayton Audio T65 speaker, highlighting its design and features.

Classic Collection Introduction

Your browser does not support the video tag.

An introductory video to the Dayton Audio Classic Collection, showcasing the range of speakers available.

Classic Collection - Product Overview

Your browser does not support the video tag.

This video offers an overview of the products within the Dayton Audio Classic Collection.

5. SETUP

5.1 Speaker Placement

Optimal speaker placement is crucial for sound quality. Consider the following:

- **Stereo Imaging:** Place speakers equidistant from your primary listening position, forming an equilateral triangle.
- **Distance from Walls:** Experiment with placing speakers a few inches to a few feet from walls. Proximity to walls can enhance bass but may also cause muddiness.
- **Toe-in:** Angle the speakers slightly inward towards the listening position for improved soundstage

and imaging.

- **Stability:** Ensure speakers are stable and not prone to tipping.



Figure 5.1: Example of speaker placement in a room.

5.2 Connecting to an Amplifier/Receiver

The Classic T65 speakers are passive and require an external amplifier or receiver. Follow these steps:

1. **Power Off:** Ensure your amplifier/receiver is turned off and unplugged from the power outlet before making any connections.
2. **Speaker Wire Preparation:** Strip approximately 1/2 inch (1.25 cm) of insulation from both ends of the speaker wire. Twist the bare strands tightly.
3. **Connect to Speakers:** Connect the positive (+) terminal (red) on the speaker to the positive (+) terminal on your amplifier/receiver. Connect the negative (-) terminal (black) on the speaker to the negative (-) terminal on your amplifier/receiver. Ensure polarity is consistent for both speakers.
4. **Secure Connections:** Tighten the binding posts firmly but do not overtighten. Ensure no stray wire strands are touching between the positive and negative terminals, as this can cause a short circuit.
5. **Power On:** Once all connections are secure, plug in and power on your amplifier/receiver.

Caution: Incorrect wiring can damage your equipment. Always match positive to positive and negative to negative.

6. OPERATING INSTRUCTIONS

Once connected, your Dayton Audio Classic T65 speakers are ready for use. Control playback and volume through your connected amplifier or receiver. For optimal sound, allow a "break-in" period of approximately

30-50 hours of normal listening. During this time, the speaker components will settle, potentially leading to improved sound quality.

7. MAINTENANCE

- **Cleaning:** Dust the speaker cabinets regularly with a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents.
- **Grilles:** The speaker grilles can be removed for cleaning or for a different aesthetic. Handle them carefully to avoid damage.
- **Environment:** Avoid exposing speakers to extreme temperatures, humidity, or direct sunlight, which can affect the cabinet finish and driver performance.

8. TROUBLESHOOTING

Problem		Solution
No sound from speakers	Amplifier/receiver not powered on.	Ensure amplifier/receiver is on and selected input is correct.
	Incorrect speaker connections (polarity, loose wires).	Check all speaker wire connections for proper polarity and tightness.
	Source device not playing or improperly connected.	Verify source device is playing and connected correctly to the amplifier.
	Volume too low.	Increase volume gradually.
Distorted or unclear sound	Volume too high, causing clipping.	Reduce volume.
	Loose speaker wire connections.	Check and secure all speaker wire connections.
	Damaged speaker wire.	Inspect speaker wires for damage; replace if necessary.
	Poor audio source quality.	Try a different audio source.
Uneven sound from speakers	One speaker improperly connected.	Check connections for both speakers.
	Speaker balance setting on amplifier/receiver.	Adjust the balance control on your amplifier/receiver.
	Speaker placement issues.	Review speaker placement for symmetry.

If you continue to experience issues, please contact Dayton Audio customer support.

9. SPECIFICATIONS

General	
Brand	Dayton Audio
Model Name	Classic T65
Speaker Type	Tower

Mounting Type	Floor Standing
Color	Black
Enclosure Material	Wood (Oak)
Item Dimensions (D x W x H)	7.8"D x 7.25"W x 39.4"H
Item Weight	18.47 Pounds
Audio	
Speaker Maximum Output Power	150 Watts
Frequency Response	20000 Hz (Upper limit, typical for passive speakers)
Audio Output Mode	Stereo
Number of Audio Channels	2.0
Woofer Diameter	6.5 Inches (Dual)
Tweeter Diameter	1 Inches
Connectivity Technology	Wired
Compatible Devices	Amplifiers, Receivers, Home Entertainment Systems
Additional	
Control Method	Touch (via connected amplifier/receiver)
Power Source	Corded Electric (via connected amplifier/receiver)
UPC	848791010163

10. WARRANTY AND SUPPORT

The Dayton Audio Classic T65 Floor-Standing Tower Speaker Pair comes with a **5 Year Limited Warranty**. For detailed warranty information, product support, or service inquiries, please visit the official Dayton Audio website or contact their customer service department.
Dayton Audio Official Website: www.daytonaudio.com