

## Polk Audio TSi100

# Polk Audio TSi100 Bookshelf Speakers Instruction Manual

Model: TSi100

## 1. INTRODUCTION

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Thank you for choosing Polk Audio TSi100 Bookshelf Speakers. These high-performance speakers are designed to deliver clear, dynamic sound for your home audio or home theater system. This manual provides essential information for setting up, operating, and maintaining your speakers to ensure optimal performance and longevity.

## 2. WHAT'S IN THE BOX

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Upon unpacking your Polk Audio TSi100 speakers, please ensure all components are present:

- Two (2) Polk Audio TSi100 Bookshelf Speakers
- One (1) Instruction Manual

If any items are missing or damaged, please contact your authorized Polk Audio dealer or customer support immediately.

## 3. SETUP

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### 3.1 Speaker Placement

For optimal sound quality, consider the following placement guidelines:

- **Bookshelf Placement:** Place speakers on a sturdy, level surface at approximately ear height when seated. Avoid placing them too close to walls or corners, which can overemphasize bass.
- **Wall Mounting:** The TSi100 speakers feature a built-in keyhole bracket for wall mounting. Ensure you use appropriate wall anchors and screws capable of supporting the speaker's weight (approximately 10

pounds per speaker).

- **Stereo Imaging:** Position the speakers equidistant from your primary listening position and angle them slightly inward (toe-in) towards the listener for a focused soundstage.



Figure 1: Front view of the Polk Audio TS1100 Bookshelf Speaker with its protective grille.

## 3.2 Connecting Your Speakers

The TSi100 speakers are designed for connection to an amplifier or receiver. Follow these steps:

1. **Power Off:** Ensure your amplifier/receiver is turned off before making any connections.
2. **Speaker Wire:** Use high-quality speaker wire. For runs up to 25 feet, 16-gauge wire is sufficient. For longer runs, use 14-gauge or thicker wire.
3. **Polarity:** Connect the positive (+) red terminal on the speaker to the positive (+) red terminal on your amplifier/receiver. Connect the negative (-) black terminal on the speaker to the negative (-) black terminal on your amplifier/receiver. Maintain consistent polarity for all speakers in your system.
4. **Terminal Type:** The TSi100 features binding post terminals that accept bare wire, spade connectors, or banana plugs. If using banana plugs, remove the small plastic caps from the binding posts.



Figure 2: Rear panel of the TSi100 speaker, illustrating the binding posts for speaker wire connection, the bass port, and the wall-mount keyhole bracket.

## 4. OPERATING YOUR SPEAKERS

Once properly connected, your Polk Audio TSi100 speakers are ready for use. They are designed to be highly efficient and can be driven by a wide range of receivers and amplifiers, with a recommended amplification of 20-100 watts per channel.

- **Volume Control:** Adjust the volume on your amplifier/receiver to a comfortable listening level. Avoid excessively high volumes that cause audible distortion, as this can damage the speakers.
- **Break-in Period:** Like many audio components, your speakers may benefit from a 'break-in' period of several hours of normal use to achieve their full sonic potential.
- **System Integration:** The TSi100 speakers are voice-matched to other speakers in the Polk TSi Series, allowing for seamless integration into multi-channel home theater systems.

## 5. MAINTENANCE

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To keep your Polk Audio TSi100 speakers in excellent condition, follow these simple maintenance tips:

- **Cleaning:** Dust the speaker cabinets with a soft, dry cloth. For stubborn marks, use a slightly damp cloth, but avoid harsh chemicals or abrasive cleaners.
- **Grilles:** The speaker grilles can be removed for cleaning or for a different aesthetic. Handle them gently to avoid damage.
- **Environment:** Avoid exposing speakers to extreme temperatures, direct sunlight, or high humidity.

## 6. TROUBLESHOOTING

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If you encounter issues with your TSi100 speakers, consult this section before contacting support.

- **No Sound:**
  - Check all speaker wire connections at both the speaker and the amplifier/receiver for secure contact and correct polarity.
  - Ensure the amplifier/receiver is powered on and the correct input source is selected.
  - Verify that the volume is not muted or set too low.
- **Distorted Sound:**
  - Reduce the volume on your amplifier/receiver. Distortion often occurs when the amplifier is overdriven.
  - Check speaker wire connections for any frayed strands that might be shorting out.
  - Ensure the speakers are not placed too close to walls or corners, which can cause boomy or distorted bass.
- **Unbalanced Sound:**
  - Check the balance settings on your amplifier/receiver.
  - Verify that both speakers are connected with correct polarity.

## 7. SPECIFICATIONS

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Detailed technical specifications for the Polk Audio TSi100 Bookshelf Speakers:

Feature	Specification
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Model Number	AM3205-C 4
Speaker Type	Bookshelf
Woofer Diameter	5.25 Inches (Dynamic Balance Bilaminate Composite)
Tweeter Diameter	1 Inch (Silk/Polymer Composite Dynamic Balance Dome)
Frequency Response	53Hz - 25kHz
Recommended Amplification	20 - 100 Watts/Channel
Impedance	8 Ohms
Audio Output Mode	Surround
Mounting Type	Shelf Mount
Item Dimensions (D x W x H)	7"D x 10.2"W x 11"H
Item Weight	10 Pounds
Number of Items	2 (Pair)

## 8. WARRANTY AND SUPPORT

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Polk Audio TSi100 Bookshelf Speakers come with a **5 Years Parts and Labor** warranty. For warranty claims, technical assistance, or further inquiries, please visit the official Polk Audio website or contact their customer support.

**Official Polk Audio Website:** [www.polkaudio.com](http://www.polkaudio.com)