

Samsung HT-C550

Samsung HT-C550 Home Theater System User Manual

Model: HT-C550

1. INTRODUCTION

The Samsung HT-C550 is a 1000-watt home theater system designed to provide an immersive audio-visual experience. This system includes a DVD player compatible with multiple disc formats, including DivX HD video files, and offers 1080p Full HD resolution via HDMI output. It also features an integrated iPod dock and is wireless-ready for PC content streaming with an optional adapter.

This manual provides essential information for the proper installation, operation, and maintenance of your HT-C550 system.

2. PACKAGE CONTENTS

Before beginning installation, ensure all components are present:

- Main Unit (DVD Receiver)
- Speakers (Front Left, Front Right, Center, Surround Left, Surround Right)
- Subwoofer
- Remote Control
- FM Antenna
- Auto Calibration Microphone (for ASC feature)
- Speaker Cables
- User Manual (this document)

3. SETUP AND CONNECTIONS

Proper setup is crucial for optimal performance. Follow these steps for connecting your home theater system.

3.1 Speaker Placement

Position the speakers around your viewing area for the best surround sound experience. The front speakers should be placed on either side of your television, the center speaker directly above or below the TV, and the surround

speakers to the sides or slightly behind your listening position.



Image: Speaker and component dimensions. This diagram illustrates the physical dimensions and relative placement of the main unit, subwoofer, and satellite speakers for the Samsung HT-C550 system. Dimensions are provided in millimeters for height, width, and depth.

For detailed dimensions, refer to the diagram above. The rear speakers can be made wireless with an optional wireless adapter (sold separately).

3.2 Connecting the Main Unit



Image: Samsung HT-C550 Main Unit. This image displays the front panel of the Samsung HT-C550 home theater system's main unit, featuring the digital display, touch-sensitive control buttons, and the Samsung brand logo.

Connect the main unit to your television and other devices using the appropriate cables.

- **HDMI Output:** For the best video quality (up to 1080p Full HD), connect an HDMI cable from the HT-C550's HDMI OUT port to an HDMI IN port on your TV.
- **Component Video Output:** Use component cables (red, green, blue) for video connection if HDMI is not available.
- **Composite Video Output:** Use a composite video cable (yellow) for standard definition video connection.
- **Digital Audio Input:** Connect external audio sources (e.g., Blu-ray player, game console) using an optical digital audio cable to the digital audio input port on the HT-C550.
- **FM Antenna:** Connect the supplied FM antenna for radio reception.
- **Power Cord:** Plug the power cord into the main unit and then into a wall outlet.

3.3 Automatic Sound Calibration (ASC)

The system features an Auto Sound Calibration (ASC) function to optimize speaker settings for your room. Plug the included microphone into the dedicated port on the front of the receiver. Follow the on-screen instructions to initiate the calibration process. The system will emit test tones and automatically adjust speaker levels and delays based on their distance and acoustic properties of your room.

4. OPERATION

This section covers basic operation of your Samsung HT-C550 Home Theater System.

4.1 Basic Playback (DVD/CD)

1. Press the **POWER** button to turn on the system.
2. Press the **OPEN/CLOSE** button on the main unit or remote to open the disc tray.

3. Place a DVD or CD disc gently into the tray with the label side facing up.
4. Press the **OPEN/CLOSE** button again to close the tray.
5. Playback will typically begin automatically. If not, press the **PLAY** button.

4.2 Using the iPod Dock

The integrated iPod dock allows you to play music and video from compatible Apple iPod or iPhone devices.

1. Carefully dock your iPod/iPhone into the connector on the main unit.
2. Select the iPod input source using the **FUNCTION** button on the main unit or the remote control.
3. Your device will begin "verifying." Once verified, you can navigate your music and video library using the system's remote control and on-screen display.

4.3 USB Playback

Connect a USB storage device (e.g., USB flash drive, portable hard drive) to the USB port on the front of the main unit to play compatible media files.

1. Insert the USB device into the USB port.
2. Select the USB input source using the **FUNCTION** button.
3. Use the remote control to browse and select files for playback.

4.4 Wireless Streaming (Optional)

With an optional wireless adapter (sold separately), you can stream content from your PC to the HT-C550 system. Refer to the adapter's manual for specific setup and connection instructions.

4.5 Remote Control Functions

The remote control provides comprehensive control over the system. It can also function as a universal remote for compatible Samsung TVs. Press the input button on the remote to switch between controlling the receiver (orange light) and the TV (green light).

5. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your home theater system.

- **Cleaning the Main Unit:** Use a soft, dry cloth to wipe the exterior surfaces. Avoid abrasive cleaners or solvents.
- **Cleaning Discs:** Wipe discs gently from the center outwards with a soft, lint-free cloth. Do not use harsh chemicals.
- **Speaker Care:** Keep speakers free from dust. Avoid placing them in direct sunlight or near heat sources.
- **Ventilation:** Ensure adequate ventilation around the main unit to prevent overheating. Do not block ventilation openings.

6. TROUBLESHOOTING

If you encounter issues with your HT-C550 system, refer to the following common problems and solutions.

Problem	Possible Cause / Solution
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Problem	Possible Cause / Solution
No Power	<ul style="list-style-type: none"> ◦ Ensure the power cord is securely plugged into the unit and a working wall outlet. ◦ Check if the power outlet is functional by plugging in another device.
No Sound	<ul style="list-style-type: none"> ◦ Verify all speaker cables are correctly connected to the main unit and speakers. ◦ Check the volume level on the system and your TV. ◦ Ensure the correct input source is selected (e.g., DVD, iPod, Digital In). ◦ Confirm that the system is not muted.
"PROTECT" message on display	<ul style="list-style-type: none"> ◦ This indicates a protection circuit has been activated, often due to a short circuit in speaker wiring or overheating. ◦ Turn off the unit, disconnect all speakers, and check speaker wires for frayed strands or incorrect connections. ◦ Ensure adequate ventilation around the unit. Allow the unit to cool down before restarting.
No Video Output	<ul style="list-style-type: none"> ◦ Ensure the video cable (HDMI, Component, or Composite) is securely connected between the HT-C550 and your TV. ◦ Select the correct input source on your TV for the HT-C550. ◦ Check the resolution settings on the HT-C550 if applicable.
iPod/iPhone not recognized	<ul style="list-style-type: none"> ◦ Ensure the iPod/iPhone is properly seated in the dock. ◦ Allow sufficient time for the "verifying" process to complete. ◦ Check if your specific iPod/iPhone model is compatible with the dock.

7. SPECIFICATIONS

Key technical specifications for the Samsung HT-C550 Home Theater System:

- **Brand:** Samsung
- **Model Number:** HT-C550
- **Output Wattage:** 1000 Watts
- **Product Dimensions:** 10.75 x 16.93 x 2.32 inches (Main Unit)
- **Item Weight:** 6.61 pounds (Main Unit)
- **Color:** Black
- **Specification Met:** Energy Star
- **Date First Available:** February 22, 2010
- **Connectivity:** HDMI output, Component output, Composite output, Digital Audio Input (Optical), USB port, iPod dock, FM Radio, Wireless Ready (with optional adapter)
- **Disc Compatibility:** DVD, CD, DivX HD

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official Samsung support website. Keep your purchase receipt as proof of purchase for warranty claims.

Online Support: www.samsung.com/us/support/

