

Sony SSCS5M2

Sony SS-CS5M2 3-Way 3-Driver Hi-Res Compact Bookshelf Speakers Instruction Manual

Model: SS-CS5M2

1. OVERVIEW

The Sony SS-CS5M2 bookshelf speakers are designed to deliver rich, high-resolution audio. This pair of compact speakers features a 3-way, 3-driver system, including a reinforced woofer, a soft dome tweeter, and a wide dispersion super tweeter. Constructed with premium components and solid wood, these speakers provide powerful bass, clear vocals, and enhanced durability. They are compatible with Sony AV receivers and other CS speaker series components.

Key Features:

- Compact bookshelf design suitable for various spaces.
- 3-way, 3-driver system for comprehensive sound reproduction.
- 5.12-inch woofer for robust low-end frequencies.
- High-precision tweeter for accurate sound reproduction.
- Wide dispersion super tweeter for an expansive sound stage.
- Bass reflex enclosure for clear, low-frequency sound without distortion.
- Premium internal components for superior sound quality.
- Reinforced cellular cone for undistorted audio output.
- Hi-Res Audio support with a frequency response of 53-50,000 Hz.
- Optimized for seamless integration with Sony AV receivers.



Front view of the Sony SS-CS5M2 Bookshelf Speakers, showcasing the drivers and compact design.

2. SETUP

2.1 Unpacking

Carefully remove the speakers from their packaging. Inspect for any signs of damage. Retain the packaging for future transport or storage.

2.2 Placement

Proper speaker placement is crucial for optimal sound performance. Consider the following guidelines:

- **Stereo Imaging:** Place the left and right speakers equidistant from your primary listening position, forming an equilateral triangle.
- **Height:** Position the speakers so that the tweeters are approximately at ear level when you are seated in your listening position.
- **Wall Distance:** The SS-CS5M2 speakers feature a rear bass reflex port. To prevent exaggerated or 'boomy' bass and ensure clear low-frequency sound, position the speakers a few inches away from any rear walls. This allows the port to breathe properly.
- **Isolation:** For improved sound clarity and to prevent vibrations, consider placing the speakers on sturdy stands or using isolation pads if placed directly on a desk or shelf.



Example placement of Sony SS-CS5M2 Bookshelf Speakers in a living room environment.

2.3 Connections

The SS-CS5M2 speakers connect to your amplifier or receiver using standard speaker wire. Ensure your amplifier is turned off before making any connections.

1. **Prepare Speaker Wire:** Strip approximately 1/2 inch (1.2 cm) of insulation from both ends of your speaker wire. Twist the bare wire strands tightly to prevent stray wires.
2. **Identify Polarity:** Speaker wire is typically marked to indicate polarity (e.g., a stripe, ridge, or different color wire). Connect the positive (+) terminal on your amplifier to the positive (+) terminal on the speaker, and the negative (-) terminal on the amplifier to the negative (-) terminal on the speaker. Maintaining correct polarity for both speakers is essential for proper sound imaging.
3. **Connect to Speaker:** Unscrew the binding post terminals on the back of the speaker. Insert the bare wire into the hole and tighten the terminal securely. Alternatively, if using banana plugs, insert the banana plug into the center of the binding post.
4. **Connect to Amplifier:** Repeat the process for connecting the other end of the speaker wire to the corresponding terminals on your amplifier or receiver.



Rear view of the speaker, illustrating the binding posts for speaker wire connection and the bass reflex port.

3. OPERATING INSTRUCTIONS

Once your speakers are properly connected to an amplifier or receiver, you can begin enjoying your audio. Ensure your amplifier is powered on and the correct input source is selected.

- **Volume Control:** Adjust the volume using your amplifier or receiver's controls. Start at a low volume and gradually increase it to a comfortable listening level.
- **Tone Controls:** Your amplifier or receiver may have tone controls (bass, treble) or equalization settings. Adjust these to suit your personal preference and room acoustics.
- **Break-in Period:** Like many new speakers, the SS-CS5M2 may benefit from a 'break-in' period of several hours of normal use. During this time, the drivers will loosen up, and the sound quality may improve.
- **Compatibility:** These speakers are designed to integrate seamlessly with Sony AV receivers, allowing for optimized audio performance within a home theater setup.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Sony SS-CS5M2 speakers, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the speaker cabinets. For stubborn dust, a slightly damp cloth can be used, followed immediately by a dry cloth. Avoid using abrasive cleaners, solvents, or chemical sprays, as these can damage the finish.
- **Grilles:** The speaker grilles can be gently removed for cleaning. Use a soft brush or a vacuum cleaner with a brush attachment on a low setting to remove dust.
- **Environment:** Avoid placing speakers in direct sunlight, near heat sources, or in areas with high humidity. Extreme temperatures or moisture can damage the speaker components and cabinet.
- **Protection:** Keep speakers away from strong magnetic fields and ensure they are placed on a stable surface to prevent accidental falls.

5. TROUBLESHOOTING

If you encounter issues with your speakers, refer to the following common troubleshooting steps. For more complex problems, consult your amplifier/receiver manual or contact Sony support.

No Sound or Low Sound from Speakers:

- **Check Connections:** Ensure all speaker wires are securely connected to both the speakers and the amplifier/receiver. Verify that positive (+) terminals are connected to positive (+) and negative (-) to negative (-).
- **Amplifier/Receiver Power:** Confirm that your amplifier/receiver is powered on and not in standby mode.
- **Input Source:** Make sure the correct input source is selected on your amplifier/receiver.
- **Volume Level:** Increase the volume on your amplifier/receiver. Check if mute is activated.
- **Speaker Selection:** If your amplifier/receiver has A/B speaker outputs, ensure the correct output (A, B, or A+B) is selected.

Distorted Sound:

- **Volume Level:** Reduce the volume. Distortion often occurs when the amplifier or speakers are overdriven.
- **Source Quality:** Check the quality of your audio source. Low-quality audio files or streaming can result in distortion.
- **Speaker Wire:** Inspect speaker wires for any damage or frayed strands that might be causing short circuits.
- **Component Issues:** If distortion persists, try connecting a different audio source or a different set of speakers to your amplifier to isolate the problem.

Uneven Sound or Poor Stereo Imaging:

- **Speaker Placement:** Ensure speakers are placed symmetrically and at an equal distance from the listening position.
- **Polarity:** Double-check that the speaker wire polarity is consistent for both speakers (+ to + and - to -).
- **Balance Control:** Check the balance control on your amplifier/receiver; it should be centered.

6. SPECIFICATIONS

Feature	Specification
Brand	Sony
Model Number	SSCS5M2.UC
Speaker Type	Bookshelf
Speaker Maximum Output Power	100 watts
Frequency Response	53 Hz - 50,000 Hz
Connectivity Technology	Wired
Audio Output Mode	Stereo
Mounting Type	Tabletop Mount
Enclosure Material	Metal (Cabinet construction is solid wood)
Woofer Diameter	5.12 inches
Tweeter Diameter	0.98 inches
Specific Uses For Product	Home Theatre
Number of Audio Channels	5.1 (for compatible systems)
Impedance	6 ohm
Power Source	Corded Electric (via amplifier)
Item Dimensions (D x W x H)	8.7"D x 7"W x 13.2"H
Item Weight	16 ounces (per speaker)
UPC	027242932586

7. WARRANTY INFORMATION

The Sony SS-CS5M2 Bookshelf Speakers come with a **1-year Limited Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For detailed terms and conditions of the warranty, please refer to the official Sony warranty documentation included with your product or visit the Sony support website.

8. SUPPORT

For further assistance, technical support, or service inquiries regarding your Sony SS-CS5M2 Bookshelf Speakers,

please contact Sony customer support or visit the official Sony support website.

Sony Support Website: <https://www.sony.com/electronics/support>

You may also find helpful resources, FAQs, and additional product information on the Sony website.