

Sherwood RX-4105

Sherwood RX-4105 Stereo Receiver Instruction Manual

Model: RX-4105

INTRODUCTION

The Sherwood RX-4105 is a 2-channel remote-controlled stereo receiver designed to provide integrated preamplification and amplification for various audio source components. It features advanced radio tuning capabilities and delivers 100 watts RMS per channel x 2, ensuring clear sound reproduction. This manual provides comprehensive instructions for setting up, operating, and maintaining your receiver.

WHAT'S IN THE Box

- Sherwood RX-4105 receiver
- Remote control
- AC power supply cord
- FM indoor antenna
- AM loop antenna set
- Owner's manual (this document)

SETUP

Follow these steps to properly set up your Sherwood RX-4105 stereo receiver.

1. Placement

Place the receiver on a stable, flat surface with adequate ventilation. Ensure there is enough space around the unit for heat dissipation. Avoid placing it near heat sources or in direct sunlight.

2. Connecting Antennas

Connect the supplied FM indoor antenna to the **FM 75Ω** terminal and the AM loop antenna to the **AM LOOP** terminals on the rear panel. For optimal reception, extend the FM antenna fully and position the AM loop antenna away from the receiver.

3. Connecting Speakers

The RX-4105 supports two pairs of loudspeakers (A and B). Use 16-gauge or thicker speaker wire for best results. Connect the positive (+) terminal of the receiver to the positive (+) terminal of the speaker, and the

negative (-) terminal of the receiver to the negative (-) terminal of the speaker. Ensure correct polarity for both channels.

- **Speaker A:** Connect your primary pair of speakers to the SPEAKER A terminals.
- **Speaker B:** Connect a secondary pair of speakers (e.g., for another room) to the SPEAKER B terminals.
- **Bi-wiring:** If your speakers support bi-wiring, you can use both A and B outputs for a single pair of speakers for more efficient amplification (e.g., A for woofers, B for tweeters). Ensure your speakers are compatible.

Speaker Impedance: A, B - 8Ω MIN / SPEAKERS; A+B - 16Ω MIN / SPEAKERS

4. Connecting Audio Components

Connect your audio source components to the corresponding RCA input jacks on the rear panel. The receiver provides inputs for CD, TAPE (In/Out), TV/AUX, and VCR (In/Out).

- **CD:** For CD players.
- **TAPE (IN/OUT):** For cassette decks or other recording devices.
- **TV/AUX:** For televisions or other auxiliary audio sources.
- **VCR (IN/OUT):** For VCRs or other video recording devices with audio output.

5. Power Connection

Once all audio and speaker connections are made, connect the AC power supply cord to the **AC INPUT (120V~60Hz 2.5A)** on the rear panel and then to a standard wall outlet.



Image Description: This image displays both the front and rear panels of the Sherwood RX-4105 Stereo Receiver. The top portion shows the front panel with controls for power, input selection (FM/AM, CD, TAPE, AUX, PHONO, TONE DIRECT), tuning/preset, memory, tone/balance, and a large volume knob. A digital display shows current settings like "FM 87.50". The bottom portion shows the rear panel, detailing connection ports. From left to right, it includes antenna terminals (AM LOOP, FM 75Ω), various RCA input/output jacks (CD, TV/AUX, TAPE IN/OUT, VCR IN/OUT), speaker terminals (A and B), and the AC power input. Safety warnings and product model information are also visible.

OPERATING INSTRUCTIONS

Power On/Off

Press the **ON/STANDBY** switch on the front panel to turn the receiver on or off. The **STANDBY** indicator will illuminate when the unit is in standby mode.

Input Selection

Press the desired input button (**FM/AM**, **CD**, **TAPE**, **AUX**, **PHONO**, **TONE DIRECT**) on the front panel to select your audio source.

Volume Control

Rotate the large **VOLUME** knob on the right side of the front panel to adjust the sound level. The digital display will show the current volume setting. The receiver includes a safety feature that may shut down the

system if the volume is set too high or if the unit overheats, preventing damage.

Tone and Balance Controls

Use the **TONE** (Bass/Treble) and **BALANCE** controls to fine-tune the audio output to your preference. The **TONE DIRECT** button bypasses these controls for a pure audio signal.

Tuner Operation (FM/AM)

- Press **FM/AM** to select the desired band.
- Use the **TUNING/PRESET** buttons (up/down arrows) to manually tune to a station or cycle through preset stations.
- To store a station as a preset, tune to the station, then press **MEMORY T/P MODE**. Use the **TUNING/PRESET** arrows to select a preset number, and press **MEMORY T/P MODE** again to confirm. The receiver supports 30 station presets.
- The built-in AM/FM tuner features auto station setup for convenience.

Headphone Jack

Connect headphones to the **PHONES** jack on the front panel for private listening. When headphones are connected, speaker output will be muted.

Speaker Switching

Use the **A SPEAKER B** buttons on the front panel to switch between Speaker A, Speaker B, or both (A+B) outputs.

MAINTENANCE

To ensure the longevity and optimal performance of your Sherwood RX-4105 receiver, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the receiver. Do not use liquid cleaners or aerosol sprays, as they may damage the finish or internal components.
- **Ventilation:** Ensure that the ventilation openings on the top and sides of the receiver are not blocked. Proper airflow is crucial to prevent overheating.
- **Connections:** Periodically check all cable connections to ensure they are secure and free from corrosion.
- **Storage:** If storing the receiver for an extended period, disconnect it from power and cover it to protect against dust.

TROUBLESHOOTING

If you experience issues with your receiver, consult the following table for common problems and their solutions:

Problem	Possible Cause	Solution
No power	Power cord not securely connected; Power outlet not active.	Check power cord connection; Test outlet with another device.

Problem	Possible Cause	Solution
No sound from speakers	Incorrect input selected; Speaker wires loose or incorrectly connected; Speaker A/B not selected; Volume too low.	Select correct input; Check all speaker wire connections and polarity; Ensure Speaker A or B (or A+B) is selected; Increase volume.
Poor radio reception	Antenna not connected or poorly positioned; Interference from other electronics.	Connect and adjust antenna position; Move receiver away from other electronic devices.
Remote control not working	Batteries are dead or inserted incorrectly; Obstruction between remote and receiver.	Replace batteries, check polarity; Remove any obstructions.
Receiver shuts down unexpectedly	Overheating due to poor ventilation; Speaker impedance too low; Volume too high.	Ensure proper ventilation; Check speaker impedance compatibility; Reduce volume.

SPECIFICATIONS

Model Number	RX-4105
Output Power	100 Watts RMS per channel x 2
Channels	2-Channel Stereo
Frequency Response	20-20,000Hz
Distortion	Less than 0.08%
Tuner	AM/FM with 30 station presets
Speaker Outputs	A and B clip-type speaker outputs
Headphone Jack	0.25-inch (6.35mm)
Dimensions (W x H x D)	17-3/8 in x 5-7/16 in x 13 in (440mm x 138mm x 332mm)
Item Weight	19.7 pounds

WARRANTY AND SUPPORT

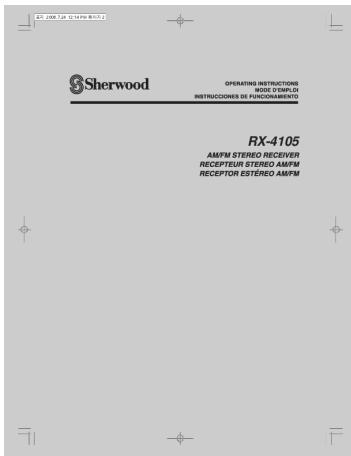
Warranty Information

The Sherwood RX-4105 receiver typically comes with a two-year warranty. Please note that the warranty does not cover misuse of the product. For specific warranty terms and conditions, refer to the warranty card included with your purchase or contact Sherwood customer service.

Customer Support

For technical assistance, service, or further inquiries, please visit the official Sherwood website or contact their customer support line. Keep your purchase receipt and product serial number (located on the rear panel) handy when contacting support.

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Parts Express 2015 Catalog Pg 24 parts express catalog

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Receiver The **RX-4105** is a cost-effective, 100 watt per channel stereo recei...

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