Marantz MODEL50

Marantz Model 50 Pure Analog Stereo Integrated Amplifier User Manual

Model: MODEL50

1. PRODUCT OVERVIEW

The Marantz Model 50 is a high-performance pure analog stereo integrated amplifier designed to deliver exceptional audio quality. It features a potent Class A/B amplifier, multiple analog inputs, and dedicated outputs for a versatile listening experience.

Figure 1: Front view of the Marantz Model 50 Integrated Amplifier.

Key Features:

- Potent & Accurate Class A/B Amplifier (70 Watt x 2)
- Six Analog Inputs for Versatility
- MM Phono Input for Vinyl Enthusiasts
- Subwoofer Output for Enhanced Bass
- Stereo Preamp Output for Flexibility

2. SETUP AND CONNECTIONS

This section guides you through the initial setup and connection of your Marantz Model 50 amplifier.

2.1 Unpacking and Placement

- Carefully remove the amplifier from its packaging.
- Place the unit on a stable, level surface with adequate ventilation. Avoid direct sunlight, heat sources, or excessive moisture.
- Ensure sufficient space around the unit for proper airflow.

2.2 Connecting Speakers

The Model 50 supports two pairs of speakers (A and B) and bi-wiring. Refer to the rear panel diagram for connection points.

1. Turn off the amplifier and disconnect the power cord before making any connections.
2. Connect your speakers to the SPEAKER terminals on the rear panel. Ensure correct polarity (+ to + and – to –).
3. For speaker set A, connect to the 'A' terminals. For speaker set B, connect to the 'B' terminals.
4. For bi-wiring, connect the high-frequency terminals of your speakers to one set of terminals (e.g., A) and the low-frequency terminals to the other set (e.g., B).

Figure 2: Close-up of speaker output terminals on the rear panel.

2.3 Connecting Audio Sources

The Model 50 provides multiple analog inputs for various audio components.

1. Connect your CD player, tuner, or other line-level audio devices to the CD, TUNER, LINE 1, or LINE 2 input jacks using RCA cables.
2. For a turntable with a Moving Magnet (MM) cartridge, connect it to the PHONO input jacks. Ensure the ground wire from your turntable is connected to the SIGNAL GND terminal on the amplifier.
3. If using a subwoofer, connect its input to the SUBWOOFER PRE OUT jack.
4. For connecting to an external power amplifier or recording device, use the PRE OUT or RECORDER OUT jacks, respectively.

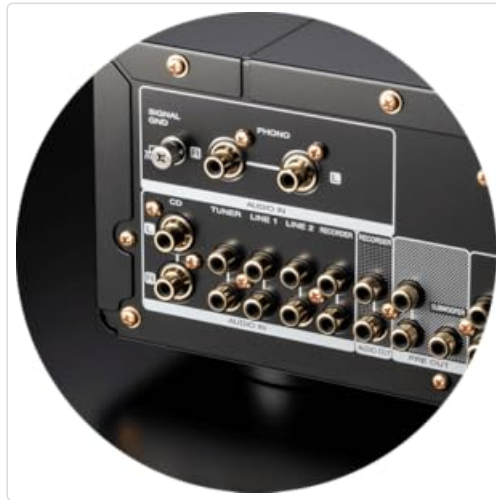Figure 3: Rear panel connections of the Marantz Model 50 Integrated Amplifier.

Figure 4: Close-up of analog input terminals, including the dedicated MM Phono input.

2.4 Power Connection

After all audio connections are made, connect the supplied power cord to the AC IN terminal on the rear panel and then to a wall outlet.

3. Basic Operation

This section covers the fundamental operations of your Marantz Model 50 amplifier.

3.1 Power On/Off

- Press the **Power button** (⏻) on the front panel to turn the unit on or off.

3.2 Input Selection

- Rotate the **INPUT** knob on the front panel to select the desired audio source (CD, Tuner, Phono, Line 1, Line 2, Recorder). The selected input will be displayed on the front panel screen.

3.3 Volume Adjustment

- Rotate the large **VOLUME** knob on the front panel clockwise to increase volume and counter-clockwise to decrease it.

3.4 Tone Controls

- Use the **BASS** and **TREBLE** knobs to adjust the low and high frequency response, respectively, to suit your listening preferences.
- The **BALANCE** knob allows you to adjust the left/right channel balance.

3.5 Speaker Selection

- Use the **SPEAKERS** selector knob to choose between speaker set A, speaker set B, both A+B, or turn speakers off (for headphone listening).

4. Maintenance

Proper maintenance ensures the longevity and optimal performance of your amplifier.

4.1 Cleaning

- Always disconnect the power cord before cleaning.
- Wipe the exterior surfaces with a soft, dry cloth.
- Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the finish.

4.2 Ventilation

- Ensure that the ventilation openings on the top and sides of the unit are not blocked. Overheating can lead to malfunction.

5. Troubleshooting

If you encounter issues with your Marantz Model 50, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No power	Power cord not connected; Power outlet faulty	Check power cord connection; Try a different outlet
No sound	Incorrect input selected; Speaker cables disconnected; Volume too low; Mute function active	Select correct input; Check speaker connections; Increase volume; Deactivate mute
Distorted sound	Poor cable connections; Source device issue; Speaker impedance mismatch	Check all cable connections; Test with a different source; Ensure speakers meet impedance requirements
Humming noise	Ground loop; Poor cable shielding; Turntable ground not connected	Ensure proper grounding; Use shielded cables; Connect turntable ground wire

If the problem persists after trying these solutions, please contact Marantz customer support.

6. SPECIFICATIONS

Below are the technical specifications for the Marantz Model 50 Integrated Amplifier.

- **Model Number:** MODEL50
- **Amplifier Type:** Pure Analog, Class A/B
- **Power Output:** 70 Watts per channel (x 2)
- **Inputs:** 6 Analog (including MM Phono)
- **Outputs:** Subwoofer Pre Out, Stereo Preamp Output
- **Product Dimensions (W x D x H):** 16.96 x 17.4 x 5.11 inches
- **Item Weight:** 31.3 pounds
- **Date First Available:** October 24, 2023

7. WARRANTY AND SUPPORT

The Marantz Model 50 Integrated Amplifier comes with a Five-Year Warranty, ensuring peace of mind regarding your investment.
For detailed warranty information, technical support, or service inquiries, please visit the official Marantz website or contact your authorized Marantz dealer.
Marantz Official Website: www.marantz.com

Related Documents - MODEL50

	[Marantz PM5004 Integrated Amplifier User Guide](#) Comprehensive user guide for the Marantz PM5004 Integrated Amplifier, detailing safety precautions, setup, operation, advanced features, troubleshooting, and technical specifications.
	[Marantz PM-KI RUBY Integrated Amplifier Quick Start Guide](#) Quick start guide for the Marantz PM-KI RUBY Integrated Amplifier, detailing setup steps, connections for speakers and CD players, and basic operation. Includes box contents and links to the full owner's manual.
	[Marantz MODEL 50 Integrated Amplifier: Quick Start Guide](#) A comprehensive guide to setting up and operating the Marantz MODEL 50 Pure Analog Stereo Integrated Amplifier, including product overview, technical specifications, safety instructions, and warranty information.
	[Marantz MODEL 30 Integrated Amplifier: Features and Technical Specifications](#) Discover the Marantz MODEL 30 Integrated Amplifier, a high-fidelity audio component tuned by the Marantz Sound Master. Explore its key features, including HDAM technology and a toroidal transformer, alongside detailed technical specifications for an exceptional listening experience.
	[Marantz PM5005 Integrated Amplifier Quick Start Guide](#) A concise guide to setting up your Marantz PM5005 Integrated Amplifier, including unboxing, connections, and initial power-on.
	[Marantz PM6005 Integrated Amplifier Setup Guide](#) A concise setup guide for the Marantz PM6005 Integrated Amplifier, detailing unboxing, component connections, power-up, and initial playback. Includes step-by-step instructions and visual descriptions.