Marantz MODEL30

Marantz Model 30 Integrated Amplifier User Manual

Model: MODEL30

1. Introduction

Welcome to the Marantz Model 30 Integrated Amplifier user manual. This document provides essential information for the proper setup, operation, and maintenance of your new audio component. The Model 30 is a high-fidelity integrated amplifier designed to deliver exceptional sound quality from both analog and digital sources, featuring a fully discrete architecture, HDAM-SA3 circuitry, and a premium phono preamplifier.

2. Safety Information

Please read all safety instructions carefully before operating the unit.

- Do not expose this appliance to rain or moisture.
- Do not remove the cover. Refer servicing to qualified personnel only.
- Ensure proper ventilation; do not block ventilation openings.
- Connect the power cord securely to a grounded outlet.
- Avoid placing the unit near heat sources or in direct sunlight.
- Do not place objects filled with liquids, such as vases, on the unit.
- Disconnect the power plug from the wall outlet if the unit is not to be used for a long period of time.

3. Package Contents

Verify that all items listed below are included in the package:

- Marantz Model 30 Integrated Amplifier
- Power Cord
- Remote Control Unit (with batteries)
- Quick Start Guide
- Safety Instructions

4. Product Overview

4.1 Front Panel



Figure 4.1: Front view of the Marantz Model 30 Integrated Amplifier, showing the power button, input selector, phono EQ selector, bass, treble, balance, volume knobs, and OLED display.

The front panel provides access to essential controls for daily operation.

1. **Power Button:** Turns the unit on or off.
2. **Input Selector:** Rotates to select the desired audio input source (CD, Tuner, Line 1, Line 2, Phono).
3. **Phono EQ Selector (MM/MC/HIGH):** Adjusts the phono input impedance and gain for different cartridge types.
4. **Bass Control:** Adjusts the low-frequency output.
5. **Treble Control:** Adjusts the high-frequency output.
6. **Balance Control:** Adjusts the left/right channel balance.
7. **Volume Control:** Adjusts the overall output volume.
8. **OLED Display:** Shows current input, volume level, and other operational information.
9. **Headphone Jack:** For connecting headphones.

4.2 Rear Panel



Figure 4.2: Rear view of the Marantz Model 30 Integrated Amplifier, showing various audio inputs (CD, Tuner, Line 1, Line 2, Recorder, Phono), speaker terminals, remote control jacks, and AC inlet.

The rear panel houses all input and output connections.

1. **Analog Audio Inputs (CD, Tuner, Line 1, Line 2, Recorder):**RCA jacks for connecting various audio sources.
2. **Phono Input (MM/MC):** Dedicated input for turntables, with a ground terminal.
3. **Recorder Audio Output:** RCA jacks for connecting to a recording device.

4. **Power Amp In:** Allows the preamplifier section to be bypassed, enabling connection of an external preamplifier.
5. **Speaker Terminals:** Binding posts for connecting left and right speakers. Supports 4-16 Ohm impedance.
6. **Remote Control IN/OUT:** Jacks for connecting to other Marantz components for synchronized operation.
7. **AC Inlet:** For connecting the detachable power cord.

5. Setup

5.1 Placement

Place the Model 30 on a flat, stable surface with adequate ventilation. Avoid direct sunlight, heat sources, and areas with high humidity or dust. Ensure there is sufficient space around the unit for proper airflow.

5.2 Connecting Speakers

1. Turn off the Model 30 and all other audio components.
2. Connect the positive (+) terminal of the left speaker to the left positive (+) speaker terminal on the Model 30.
3. Connect the negative (-) terminal of the left speaker to the left negative (-) speaker terminal on the Model 30.
4. Repeat for the right speaker.
5. Ensure all connections are secure and there are no stray wire strands that could cause a short circuit. The Model 30 supports speakers with an impedance of 4 to 16 ohms.

5.3 Connecting Audio Sources

Use high-quality RCA cables to connect your audio sources to the corresponding input jacks on the rear panel.

- **CD Player:** Connect to the "CD" input.
- **Tuner:** Connect to the "TUNER" input.
- **Other Analog Devices:** Connect to "LINE 1" or "LINE 2" inputs.
- **Turntable:** Connect to the "PHONO" input. Ensure to connect the turntable's ground wire to the "SIGNAL GND" terminal on the Model 30 to minimize hum.

5.4 Power Connection

After all audio connections are made, connect the supplied power cord to the AC inlet on the rear panel of the Model 30, and then plug the other end into a suitable wall outlet.

6. Operating Instructions

6.1 Power On/Off

Press the power button on the front panel or the remote control to turn the unit on or off. The OLED display will illuminate when the unit is powered on.

6.2 Input Selection

Rotate the "INPUT" knob on the front panel or use the input selector buttons on the remote control to choose the desired audio source. The selected input will be displayed on the OLED screen.

6.3 Volume Adjustment

Rotate the "VOLUME" knob on the front panel or use the volume up/down buttons on the remote control to adjust the sound level. Adjust the volume to a comfortable listening level.

6.4 Tone and Balance Control

- **Bass/Treble:** Use the "BASS" and "TREBLE" knobs to fine-tune the low and high frequencies according to your preference.
- **Balance:** Use the "BALANCE" knob to adjust the sound output balance between the left and right speakers.

6.5 Phono EQ Settings

If using the phono input, select the appropriate setting using the "PHONO EQ" selector:

- **MM (Moving Magnet):** For standard moving magnet cartridges.
- **MC (Moving Coil):** For low-output moving coil cartridges.
- **HIGH (High Output Moving Coil):** For high-output moving coil cartridges.

Refer to your turntable's cartridge specifications to determine the correct setting.

7. Maintenance

- **Cleaning:** Wipe the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Ventilation:** Ensure ventilation openings are not blocked by dust or debris. Periodically clean them with a soft brush or vacuum cleaner.
- **Power Cord:** Regularly check the power cord for any damage.

8. Troubleshooting

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 wires loose; Volume too low	Select correct input; Check speaker connections; Increase volume
Humming noise from speakers	Ground loop; Improper phono ground connection	Ensure all components are grounded; Connect turntable ground wire to Model 30's ground terminal
Remote control not working	Batteries depleted; Obstruction between remote and unit	Replace batteries; Remove obstruction; Ensure remote is pointed at the unit's sensor

9. Specifications

Feature	Specification
Channels	2
Frequency Response	5 Hz - 50 kHz
Power Output (8 / 4 Ohm RMS)	100 W / 200 W
Power Consumption	130 W
Dimensions (W x D x H)	17.4" x 16.7" x 5.1" (44.2 cm x 42.4 cm x 13 cm)

Feature	Specification
Item Weight	32.2 pounds (14.6 kg)
Material	SECC
Supported Speaker Impedance	4 - 16 Ohms
Batteries for Remote	2 AAA batteries (required)

10. Warranty and Support

Marantz products are designed and manufactured to the highest quality standards. For information regarding warranty coverage, technical support, or service, please refer to the warranty card included with your product or visit the official Marantz website.

Visit Marantz Official Website

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