

## Marantz PM8005

# Marantz PM8005 Integrated Stereo Amplifier User Manual

Model: PM8005

## INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Marantz PM8005 Integrated Stereo Amplifier. Please read this manual thoroughly before using the amplifier to ensure proper and safe operation. Keep this manual for future reference.

## SETUP

### 1. Unpacking and Placement

Carefully remove the amplifier from its packaging. Place the unit on a stable, level surface with adequate ventilation. Avoid placing it near heat sources or in direct sunlight. Ensure there is sufficient space around the unit for proper airflow.

### 2. Connecting Speakers

The PM8005 supports two pairs of speakers (A and B) and bi-wiring. Connect your speakers to the appropriate terminals on the rear panel. Ensure correct polarity (+ to + and - to -) for each speaker. The amplifier is designed for speakers with an impedance of 4-16 ohms.

- For Speaker A or B only: 4-16 ohms.
- For Speaker A and B simultaneously: 8-16 ohms.

### 3. Connecting Audio Sources

Connect your audio source components (e.g., CD player, network player, tuner, recorder, turntable) to the corresponding input jacks on the rear panel. Use high-quality RCA cables for optimal audio performance.

- **PHONO Input:** Connect your turntable to the PHONO input. Ensure the ground wire from your turntable is connected to the SIGNAL GND terminal on the amplifier to reduce hum.

- **CD, NETWORK, AUX, TUNER, RECORDER Inputs:** Connect other audio devices to these analog RCA inputs.
- **POWER AMP DIRECT IN:** This input allows the PM8005 to function as a power amplifier, bypassing its pre-amplifier section. Useful for integration into a home theater system.
- **PRE OUT:** These outputs allow you to connect an external power amplifier or a subwoofer.

## 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 suitable wall outlet. The unit operates on 120V AC, 60Hz.



**Image:** Rear panel of the Marantz PM8005 Integrated Stereo Amplifier. This view displays the various audio input and output connections, including PHONO, CD, NETWORK, AUX, TUNER, RECORDER, PRE OUT, and POWER AMP DIRECT IN. Speaker terminals for A and B are clearly visible, along with the AC IN power input and remote control jacks. The model number PM8005 and power specifications (120V~60Hz, 220W) are also indicated.

## OPERATING INSTRUCTIONS

### 1. Power On/Off

Press the power button on the front panel to turn the amplifier on or off. The power indicator will illuminate when the unit is on.

### 2. Input Selection

Use the input selector knob or buttons on the front panel (or remote control) to choose the desired audio source (e.g., CD, PHONO, NETWORK).

### 3. Volume Adjustment

Rotate the large VOLUME knob on the front panel to adjust the sound level. Start with a low volume and gradually increase it to a comfortable listening level.

### 4. Tone Controls

The PM8005 features BASS, MID, and TREBLE tone controls to adjust the sound characteristics to your preference and room acoustics. The "Source Direct" button bypasses these tone controls for the purest audio signal.

### 5. Speaker Selection

Use the SPEAKER A/B buttons on the front panel to select which pair of speakers (A, B, or A+B) you wish to use.

## MAINTENANCE

To ensure long-lasting performance and appearance of your Marantz PM8005, follow these maintenance guidelines:

- **Cleaning:** Disconnect the power cord before cleaning. Use a soft, dry cloth to wipe the exterior surfaces. Do not use abrasive cleaners, solvents, or chemical cloths, as these may damage the finish.
- **Ventilation:** Ensure that the ventilation openings on the top and sides of the amplifier are not blocked. Proper airflow is crucial to prevent overheating.
- **Dust:** Periodically dust the unit to prevent dust buildup, which can affect performance and lead to overheating.
- **Connections:** Occasionally check all cable connections to ensure they are secure. Loose connections can lead to poor sound quality or intermittent issues.

## TROUBLESHOOTING

If you experience issues with your Marantz PM8005, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power cord not connected; power outlet not active	Ensure power cord is securely connected. Check the power outlet with another device.
No sound	Incorrect input selected; speaker cables loose; volume too low; mute activated	Select the correct input source. Check all speaker cable connections. Increase volume. Deactivate mute function.
Distorted sound	Speaker impedance mismatch; damaged cables; source signal too high	Verify speaker impedance is within recommended range. Check cables for damage. Reduce source device output level.
Humming or buzzing noise	Ground loop; unshielded cables; nearby electronic interference	Ensure turntable ground wire is connected. Use shielded cables. Move amplifier away from other electronic devices.

## SPECIFICATIONS

Detailed technical specifications for the Marantz PM8005 Integrated Stereo Amplifier:

Feature	Specification
Brand	Marantz
Model Number	PM8005
Maximum Peak Power per Channel	100 W
Total Harmonic Distortion (THD)	0.02%

Feature	Specification
Signal-to-Noise Ratio (SNR)	125 dB
AC Input Voltage	120 V
AC Input Frequency	60 Hz
Power Consumption	220 W
Width	440 mm
Depth	379 mm
Height	128 mm
Weight	12000 Grams (12 kg)
Color	Black
Connectivity Technology	Ethernet, HDMI
Audio Output Mode	Stereo
Number of Channels	2
Compatible Devices	Speaker, Amplifier, Television
Special Feature	DSP (Digital Signal Processing)

*Note: Some specifications, such as HDMI connectivity and surround sound channels, may refer to general product family features or control capabilities rather than direct audio processing for this specific stereo integrated amplifier. The PM8005 is primarily a 2-channel stereo amplifier.*

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## WARRANTY INFORMATION

Marantz products are manufactured to the highest quality standards. This product is covered by a limited warranty. The specific terms and conditions of the warranty may vary by region and retailer. Please refer to the warranty card included with your product or contact your local Marantz dealer for detailed information regarding warranty coverage, duration, and service procedures.

Keep your proof of purchase (receipt) as it will be required for any warranty claims.

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## SUPPORT AND CONTACT

For further assistance, technical support, or service inquiries regarding your Marantz PM8005 Integrated Stereo Amplifier, please contact Marantz customer support or visit the official Marantz website.

- **Online Support:** Visit [www.marantz.com/en-us/support](http://www.marantz.com/en-us/support) for FAQs, product registration, and service information.
- **Local Dealer:** Your authorized Marantz dealer can provide local support and service.

