

## Onkyo A-9110

# Onkyo A-9110 Integrated Stereo Amplifier

## USER MANUAL

Model: A-9110

### 1. Introduction

This manual provides essential instructions for the safe and efficient operation of your Onkyo A-9110 Integrated Stereo Amplifier. Please read this manual thoroughly before using the amplifier and retain it for future reference. The Onkyo A-9110 is designed to deliver high-fidelity audio performance for your home stereo system.

### 2. Safety Information

- **Power Supply:** Connect the unit only to an AC 120V, 60Hz power supply.
- **Ventilation:** Ensure adequate ventilation. Do not block ventilation openings. Maintain at least 8 inches (20 cm) of clear space above the unit and 4 inches (10 cm) on the sides.
- **Water and Moisture:** Do not expose the unit to rain or moisture. Do not place objects filled with liquids, such as vases, on the unit.
- **Foreign Objects:** Do not insert any foreign objects into the unit's openings.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Cleaning:** Unplug the unit from the wall outlet before cleaning. Use a dry cloth only.

### 3. Package Contents

Verify that your package contains the following items:

- Onkyo A-9110 Integrated Stereo Amplifier (Main Unit)
- Remote Controller
- Power Cord
- Instruction Manual (this document)

### 4. Controls and Connections

## 4.1 Front Panel Controls

The front panel provides access to essential operational controls and indicators.



Image: Front view of the Onkyo A-9110 amplifier, showing the power button, input selector, volume knob, tone controls (bass, treble, balance), Direct and Phase Matching Bass buttons, and headphone jack.

- **ON/STANDBY Button:** Powers the unit on or off.
- **Input Selector:** Rotates to select the desired audio input source (e.g., LINE 1, PHONO).
- **Volume Knob:** Adjusts the overall output volume.
- **BASS Knob:** Adjusts the low-frequency sound level.
- **TREBLE Knob:** Adjusts the high-frequency sound level.
- **BALANCE Knob:** Adjusts the sound balance between the left and right speakers.
- **DIRECT Button:** Bypasses the tone and Phase Matching Bass circuitry for a pure audio signal.
- **PHASE MATCHING BASS Button:** Engages a bass enhancement feature that maintains vocal clarity.
- **PHONES Jack:** Connects headphones for private listening.

## 4.2 Rear Panel Connections

The rear panel houses all input and output terminals for connecting external audio components and speakers.



Image: Rear view of the Onkyo A-9110 amplifier, displaying the PHONO (MM) input, LINE IN 1-4, LINE OUT, PRE OUT, SUBWOOFER output, speaker terminals, and RI remote control jack.

- **PHONO (MM) Input:** Connects a turntable equipped with a Moving Magnet (MM) cartridge. Includes a ground terminal.
- **LINE IN (1-4):** RCA stereo analog inputs for connecting various audio sources like CD players, tuners, or network audio players.

- **LINE OUT:** RCA stereo analog output for connecting to a recording device.
- **PRE OUT:** RCA stereo analog output for connecting to a separate power amplifier.
- **SUBWOOFER Output:** RCA mono output for connecting an active subwoofer.
- **SPEAKERS (L/R):** Speaker terminals for connecting passive stereo speakers. Ensure correct polarity (+/-).
- **RI REMOTE CONTROL:** Jack for connecting other Onkyo components for integrated remote control functionality.
- **AC IN:** Connects the supplied power cord.

### 4.3 Remote Control

The included remote control allows for convenient operation of the amplifier from a distance.





*Image: The remote control for the Onkyo A-9110, featuring buttons for power, input selection, volume, tone controls, and playback functions for compatible Onkyo components.*

- **Power Button:** Turns the amplifier on or off.
- **Input Buttons:** Directly select audio input sources.
- **Volume Up/Down:** Adjusts the volume level.
- **Muting:** Mutes or unmutes the audio output.
- **DIRECT/PM BASS:** Activates/deactivates Direct Mode or Phase Matching Bass.
- Other buttons for controlling compatible Onkyo CD players or tuners.

## 5. Setup

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### 5.1 Placement

Place the amplifier on a stable, level surface away from direct sunlight, heat sources, and excessive dust. Ensure proper ventilation by leaving adequate space around the unit.

### 5.2 Speaker Connection

1. Turn off the amplifier and unplug it from the power outlet.
2. Connect your passive stereo speakers to the SPEAKERS L and R terminals on the rear panel.
3. Ensure that the positive (+) terminal on the amplifier connects to the positive (+) terminal on the speaker, and the negative (-) terminal on the amplifier connects to the negative (-) terminal on the speaker.
4. Use high-quality speaker cables for optimal sound performance.

### 5.3 Source Component Connection

1. For a CD player or other line-level audio device, connect its RCA output to one of the LINE IN (1-4) inputs on the amplifier using RCA audio cables.

2. For a turntable with an MM cartridge, connect its RCA output to the PHONO (MM) input. Connect the turntable's ground wire to the GND terminal next to the PHONO input.

## 5.4 Subwoofer Connection

If you are using an active subwoofer, connect its line-level input to the SUBWOOFER output on the amplifier's rear panel using an RCA cable.

## 5.5 Power Connection

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

## 6. Operating Instructions

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### 6.1 Power On/Off

Press the **ON/STANDBY** button on the front panel or the remote control to turn the amplifier on or off.

### 6.2 Input Selection

Rotate the **Input Selector** knob on the front panel or use the dedicated input buttons on the remote control to choose your desired audio source.

### 6.3 Volume Adjustment

Turn the **Volume** knob on the front panel clockwise to increase volume and counter-clockwise to decrease it. Alternatively, use the **Volume Up/Down** buttons on the remote control.

### 6.4 Tone Controls

Adjust the **BASS** and **TREBLE** knobs to fine-tune the low and high frequencies to your preference. Use the **BALANCE** knob to adjust the left/right speaker output balance.

### 6.5 Direct Mode

Press the **DIRECT** button to bypass the tone and Phase Matching Bass circuits. This provides a pure, uncolored audio signal, ideal for listening to high-quality recordings.

### 6.6 Phase Matching Bass

Press the **PHASE MATCHING BASS** button to activate this feature. It enhances bass response while preserving vocal clarity, particularly useful at lower listening volumes.

### 6.7 Headphone Use

Connect headphones to the **PHONES** jack on the front panel. Connecting headphones will automatically mute the speaker output.

### 6.8 Official Product Video

For a visual overview of Onkyo's commitment to sound quality, watch this official video:

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*Video: "Onkyo. Sound for Home. Sound for Life." This video showcases the Onkyo brand philosophy and its dedication to delivering high-quality audio experiences for home environments.*

## 7. Maintenance

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To maintain the performance and appearance of your amplifier, follow these guidelines:

- **Cleaning:** Wipe the exterior surfaces with a soft, dry cloth. For stubborn dirt, lightly dampen the cloth with water or a mild, non-abrasive cleaner. Do not use harsh chemicals, solvents, or abrasive cleaning pads.
- **Ventilation:** Periodically check that the ventilation openings are free from dust and debris.
- **Power Cord:** Inspect the power cord regularly for any signs of damage.

## 8. Troubleshooting

If you encounter issues with your Onkyo A-9110, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power cord disconnected; power outlet faulty; unit in standby mode.	Ensure power cord is securely connected. Try a different outlet. Press the ON/STANDBY button.
No sound	Incorrect input selected; volume too low; speakers disconnected; mute activated; headphones connected.	Select correct input. Increase volume. Check speaker connections. Deactivate mute. Disconnect headphones.
Distorted sound	Input signal too strong; speaker impedance mismatch; damaged cables.	Reduce source component output. Ensure speakers are 4-16 ohms. Check/replace cables.
One channel silent or unbalanced	Speaker cable loose; balance control adjusted; faulty source cable.	Check speaker wiring for the affected channel. Adjust the BALANCE knob. Test with a different source cable.
Remote control not working	Batteries depleted; obstruction between remote and unit; incorrect remote mode.	Replace batteries (2 AA required). Remove obstructions. Ensure remote is pointed at the unit's sensor.

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

## 9. Specifications

Feature	Specification
Output Power	50 W + 50 W (4 ohms, 20 Hz–20 kHz, 0.9% THD, 2-ch Driven, FTC)
Number of Channels	2
Dimensions (W x H x D)	17.1 x 5.1 x 13 inches (435 x 129 x 328 mm)
Item Weight	15.18 pounds (6.88 kg)
Analog Audio Inputs	5 (PHONO MM x1, LINE IN x4)
Analog Audio Outputs	LINE OUT x1, PRE OUT x1, SUBWOOFER x1
Headphone Output	Yes (6.35 mm)

Feature	Specification
Tone Controls	Bass, Treble, Balance
Special Features	Direct Mode, Phase Matching Bass Boost

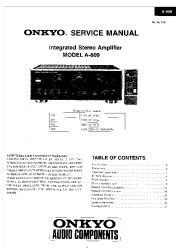

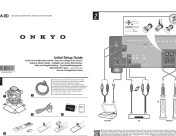
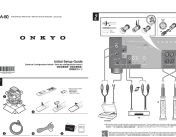
## 10. Warranty and Support

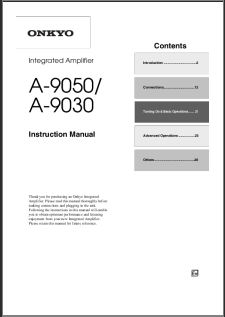
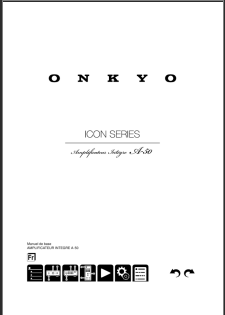
For information regarding the product warranty, please refer to the warranty card included with your purchase or consult the official Onkyo website. For technical support, product registration, or service inquiries, please visit the official Onkyo support page or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

**Onkyo Official Website:** [www.onkyo.com](http://www.onkyo.com)

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### Related Documents - A-9110

	<p><a href="#">Onkyo A-809 Integrated Stereo Amplifier Service Manual</a></p> <p>This service manual provides detailed information for the Onkyo A-809 Integrated Stereo Amplifier, including specifications, adjustment procedures, block diagrams, exploded views, and parts lists. It is intended for service technicians.</p>
	<p><a href="#">Onkyo A-65 Super Servo Integrated Stereo Amplifier Service Manual</a></p> <p>Service manual for the Onkyo A-65 Super Servo Integrated Stereo Amplifier, detailing specifications, circuit descriptions, component locations, exploded views, parts lists, and adjustment procedures.</p>
	<p><a href="#">Onkyo A-50 Integrated Amplifier Initial Setup Guide</a></p> <p>Concise setup guide for the Onkyo A-50 Integrated Amplifier, covering initial connections, Bluetooth setup, and app integration. Includes product support information.</p>
	<p><a href="#">Onkyo A-50 Integrated Amplifier: Quick Start Setup Guide</a></p> <p>Get your Onkyo A-50 Integrated Amplifier up and running quickly with this concise setup guide. Learn about connections, power, app control, and Bluetooth pairing.</p>

	<p><a href="#">Onkyo A-9050/A-9030 Integrated Amplifier User Manual</a></p> <p>Comprehensive guide to the Onkyo A-9050 and A-9030 integrated amplifiers, covering setup, connections, operation, features, troubleshooting, and specifications.</p>
	<p><a href="#">Manuel de base Onkyo A-50 Amplificateur Intégré</a></p> <p>Ce manuel de base fournit des instructions complètes pour l'amplificateur intégré Onkyo A-50, couvrant l'installation, les fonctionnalités, les connexions et les spécifications techniques pour une expérience audio optimale.</p>