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## Onkyo A-9010

# Onkyo A-9010 Integrated Stereo Amplifier User Manual

## INTRODUCTION

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The Onkyo A-9010 is an integrated stereo amplifier designed to deliver high-quality audio performance for various sources, including vinyl records, digital audio, and compact discs. This amplifier incorporates Onkyo's high-current WRAT (Wide Range Amp Technology), features a range of digital and analog audio inputs, a built-in phono equalizer, and a high-quality Wolfson DAC. This manual provides essential information for setting up, operating, and maintaining your A-9010 amplifier.

## SAFETY INFORMATION

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**WARNING: RISK OF ELECTRIC SHOCK. DO NOT OPEN.** To reduce the risk of electric shock, do not remove the cover (or back panel). There are no user-serviceable parts inside. Refer all servicing to qualified service personnel. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**CAUTION: SPEAKER IMPEDANCE 4~16Ω/SPEAKER.** Ensure your speakers have an impedance rating between 4 and 16 ohms for proper and safe operation. Refer to this instruction manual for correct settings and wiring.

## KEY FEATURES

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- High-quality Wolfson WM8718 DAC unit for decoding PCM signals up to 192 kHz and 24-bit resolution, providing clear analog sound from digital sources.
- Digital audio inputs include a 192 kHz/24-bit-capable coaxial input (D1) and a 96 kHz/24-bit optical input (D2) for connecting various source devices like PCs and media streamers.
- Powerful independent headphone amplifier designed for clear and detailed sound reproduction.
- Built-in MM (Moving Magnet) phono equalizer with a phono overload of 94 mV (MM, 1 kHz, 0.5%).
- Output power of 44 W/Ch (8 Ohms, 1 kHz, 0.08% THD, 2 Channels Driven, FTC).
- Features WRAT (Wide Range Amp Technology) for high-current delivery and low distortion.
- Equipped with discrete low-impedance amplifiers, an extruded aluminum heat sink, and capacitors optimized for high current.
- Gold-plated transparent speaker posts for reliable connections.

## SETUP AND CONNECTIONS

Before connecting any components, ensure the amplifier is powered off and unplugged from the wall outlet. Refer to the diagram below for a visual guide to the rear panel connections.



This image displays the rear panel of the Onkyo A-9010 amplifier. From left to right, it features the PHONO (MM) input with a ground terminal, four LINE IN RCA inputs (labeled 1-4), one LINE OUT RCA output, digital inputs (Coaxial D1 and Optical D2), speaker terminals for left and right channels, and an RI remote control jack. The power cord is also visible on the right side.

### Connecting Audio Sources

- **PHONO (MM) Input:** Connect your turntable to the PHONO (MM) input jacks. Ensure to connect the turntable's ground wire to the GND terminal on the amplifier to reduce hum.
- **LINE IN Inputs (1-4):** Use these RCA stereo inputs to connect analog audio sources such as CD players, tuners, or tape decks.
- **DIGITAL IN (D1 Coaxial, D2 Optical):** Connect digital audio sources like a digital media player, TV, or game console using either a coaxial digital cable to D1 or an optical digital cable to D2.
- **LINE OUT:** This RCA stereo output can be used to connect to a recording device or another amplifier.

### Connecting Speakers

1. Ensure your speakers have an impedance rating between 4 and 16 ohms.
2. Connect the right speaker to the 'R' terminals and the left speaker to the 'L' terminals.
3. Match the polarity: connect the positive (+) terminal of the amplifier to the positive (+) terminal of the speaker, and the negative (-) terminal of the amplifier to the negative (-) terminal of the speaker.
4. Use high-quality speaker wire for optimal sound performance.

### RI Remote Control

The RI (Remote Interactive) jack allows for integrated control with other compatible Onkyo components using a single remote control. Connect an RI cable from the amplifier to the RI jack on your other Onkyo device.

## OPERATING INSTRUCTIONS

### 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.

### Input Selection

Use the input selector knob or buttons on the front panel, or the remote control, to choose the desired audio source (e.g., PHONO, CD, LINE 1-4, D1 COAXIAL, D2 OPTICAL). The selected input will be indicated on the display.

## Volume Control

Adjust the master volume knob on the front panel or use the volume buttons on the remote control to set the listening level. Start with a low volume and gradually increase it to a comfortable level.

## Tone Controls

The amplifier features Bass, Treble, and Balance controls. Adjust these to fine-tune the sound to your preference and listening environment. The 'Direct' mode bypasses these tone controls for the purest audio signal.

## Headphone Usage

Connect headphones to the headphone jack on the front panel. When headphones are connected, sound output to the speakers will typically be muted.

## MAINTENANCE

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- **Cleaning:** Wipe the amplifier's exterior with a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents.
- **Ventilation:** Ensure adequate ventilation around the amplifier. Do not block ventilation openings or place the unit in an enclosed space without proper airflow. Overheating can damage the unit.
- **Power Cord:** Regularly check the power cord for any damage. If damaged, discontinue use and contact qualified service personnel for replacement.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
No power	Power cord disconnected; Power outlet not active	Ensure power cord is securely plugged in; Check power outlet with another device
No sound	Incorrect input selected; Speaker wires disconnected; Volume too low; Mute activated	Select correct input source; Check speaker connections; Increase volume; Deactivate mute function
Distorted sound	Input level too high; Speaker impedance mismatch; Damaged cables	Reduce source device volume; Verify speaker impedance (4-16 ohms); Check and replace damaged cables
Remote control not working	Batteries depleted; Obstruction between remote and unit; Incorrect remote mode	Replace batteries; Remove obstructions; Ensure remote is in the correct operating mode for the amplifier

## SPECIFICATIONS

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- **Model:** A-9010
- **Output Power:** 44 W/Ch (8 Ohms, 1 kHz, 0.08% THD, 2 Channels Driven, FTC)

- **Number of Channels:** 2
- **Speaker Impedance:** 4–16 Ohms
- **Digital Audio Inputs:** 1 x Coaxial (192 kHz/24-bit), 1 x Optical (96 kHz/24-bit)
- **DAC:** Wolfson WM8718
- **Phono Equalizer:** MM type, Phono Overload 94 mV (MM, 1 kHz, 0.5%)
- **Dimensions (L x W x H):** Approximately 13 x 17 x 5 inches (330 x 432 x 127 mm)
- **Weight:** Approximately 14.3 Pounds (6.5 kg)
- **Power Rating:** AC 120V~ 60Hz 140W
- **Manufacturer:** Onkyo Corporation
- **Made In:** Vietnam

## WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the warranty card included with your product or visit the official Onkyo website. Do not attempt to service the unit yourself, as this may void your warranty and pose a risk of electric shock.