

## Onkyo GX-100HD

# ONKYO WAVIO Powered Speaker System GX-100HD User Manual

Model: GX-100HD | Brand: ONKYO

## 1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your ONKYO WAVIO GX-100HD Powered Speaker System. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

The GX-100HD is a high-quality powered speaker system designed to deliver authentic hi-fi sound. It incorporates advanced audio technologies, including a ring tweeter and a 12cm A-OMF cone woofer, housed in a robust 15mm thick wooden cabinet. This system is ideal for enhancing audio experiences from various sources, including personal computers.



Figure 1: ONKYO WAVIO GX-100HD Powered Speaker System (Grilles On)

This image shows the two ONKYO WAVIO GX-100HD speakers with their protective grilles attached. The right speaker, which houses the controls, is slightly angled to reveal the front panel with volume, tone controls, and input selection. Both speakers are black with a sleek, minimalist design.

## 2. PACKAGE CONTENTS

Please ensure all items listed below are included in your package:

- ONKYO WAVIO GX-100HD Powered Speaker (Right, with amplifier)
- ONKYO WAVIO GX-100HD Passive Speaker (Left)
- Speaker Cable (for connecting right and left speakers)
- RCA Stereo Audio Cable
- Power Cord
- User Manual (this document)



Figure 2: Included Cables

This image displays the two main cables included with the speaker system: a red and black speaker wire for connecting the two speakers, and a black RCA stereo audio cable with red and white connectors on one end and a 3.5mm stereo mini-jack on the other, for analog audio input.

## 3. SETUP

### 3.1 Speaker Placement

For optimal stereo imaging, place the right (powered) and left (passive) speakers equidistant from your listening position, forming an equilateral triangle. Ensure there are no obstructions between the speakers and your ears. The speakers are magnetically shielded, allowing placement near TVs or monitors.





Figure 3: ONKYO WAVIO GX-100HD (Grilles Off)

This image shows the ONKYO WAVIO GX-100HD speakers with their grilles removed, revealing the tweeter and woofer drivers. The right speaker's control panel is visible at the bottom, featuring knobs for volume, bass, treble, and input selection, along with a headphone jack.

### 3.2 Connecting the Speakers

1. Connect the supplied speaker cable to the speaker terminals on the rear of both the right (powered) and left (passive) speakers. Ensure correct polarity (red to red, black to black).

### 3.3 Audio Input Connections

The GX-100HD offers multiple input options:

- **Digital Inputs (Optical/Coaxial):** For connecting digital audio sources like PCs, CD/MD players, or game consoles. Supports 24bit/96kHz audio signals.
- **Analog Input (RCA Stereo):** For connecting analog audio sources.
- **Subwoofer Output (RCA Mono):** For connecting an external powered subwoofer (optional).

1. Connect your audio source to the desired input on the rear panel of the right speaker.
  - For digital connection, use an optical or coaxial cable.
  - For analog connection, use the supplied RCA stereo audio cable or a similar cable.



Figure 4: Rear Panel Connections

This image displays the rear panel of the right ONKYO WAVIO GX-100HD speaker. It shows the power switch, AC input, speaker output terminals (4Ω), digital inputs (optical and coaxial with a selector switch), analog RCA stereo input, and a subwoofer pre-out. All input/output terminals are gold-plated for enhanced audio quality.

### 3.4 Power Connection

1. Ensure the power switch on the rear panel is in the "OFF" position.
2. Connect the supplied power cord to the AC input on the rear panel of the right speaker.
3. Plug the other end of the power cord into a suitable wall outlet (AC 100V, 50Hz/60Hz).

## 4. OPERATION

### 4.1 Powering On/Off



1. To power on, flip the power switch on the rear panel to the "ON" position.
2. To power off, flip the power switch on the rear panel to the "OFF" position.

## 4.2 Input Selection

Use the "INPUT" selector knob on the front panel of the right speaker to choose between Digital (Optical/Coaxial) and Analog inputs.

## 4.3 Volume Control

Rotate the "VOLUME" knob on the front panel to adjust the overall sound level. Turn clockwise to increase volume, counter-clockwise to decrease.

## 4.4 Tone Controls (BASS/TREBLE)

The GX-100HD features independent BASS and TREBLE tone control knobs on the front panel. Adjust these to fine-tune the low and high frequencies to your preference.

## 4.5 Headphone Output

Connect headphones to the 3.5mm stereo mini-jack labeled "PHONES" on the front panel for private listening. Connecting headphones will mute the main speakers.

# 5. MAINTENANCE

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

- **Cleaning:** Wipe the cabinet with a soft, dry cloth. For stubborn dirt, lightly dampen the cloth with water or a mild, non-abrasive cleaner. Avoid using harsh chemicals or solvents.
- **Grilles:** The speaker grilles are detachable. They can be gently removed for cleaning or if you prefer the aesthetic of the exposed drivers.
- **Ventilation:** Ensure adequate ventilation around the speakers, especially the powered unit, to prevent overheating. Do not block the rear panel or place speakers in enclosed spaces without airflow.
- **Storage:** If storing the speakers for an extended period, disconnect them from power and store them in a cool, dry place, away from direct sunlight and extreme temperatures.

# 6. TROUBLESHOOTING

If you encounter issues with your GX-100HD speaker system, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound	<ul style="list-style-type: none"><li>• Power is off.</li><li>• Incorrect input selected.</li><li>• Volume is too low.</li><li>• Cables are not connected properly.</li><li>• Headphones are connected.</li></ul>	<ul style="list-style-type: none"><li>• Turn on the power switch.</li><li>• Select the correct input source.</li><li>• Increase the volume.</li><li>• Check all audio and speaker cable connections.</li><li>• Disconnect headphones.</li></ul>

Problem	Possible Cause	Solution
Distorted sound	<ul style="list-style-type: none"><li>• Volume is too high.</li><li>• Source audio is distorted.</li><li>• Tone controls are set too high.</li></ul>	<ul style="list-style-type: none"><li>• Decrease the volume.</li><li>• Check the audio source.</li><li>• Adjust BASS/TREBLE controls.</li></ul>
Humming or buzzing noise (especially with digital input from PC)	<ul style="list-style-type: none"><li>• Ground loop interference.</li><li>• Digital noise from source device (e.g., PC).</li><li>• Interference from nearby electronic devices.</li></ul>	<ul style="list-style-type: none"><li>• Try connecting via the analog input instead of digital.</li><li>• Ensure all components are properly grounded.</li><li>• Move speakers away from other electronic devices (e.g., smartphones, Wi-Fi routers).</li><li>• Use high-quality shielded cables.</li></ul>
One speaker not working	<ul style="list-style-type: none"><li>• Speaker cable loose or disconnected.</li><li>• Incorrect speaker cable polarity.</li></ul>	<ul style="list-style-type: none"><li>• Check the speaker cable connection between the right and left speakers.</li><li>• Ensure red is connected to red and black to black.</li></ul>

## 7. SPECIFICATIONS

Feature	Detail
Model Number	GX-100HD
Brand	Onkyo
Speaker Type	2-way Bass-Reflex Powered Speaker System
Output Power	15W + 15W (Total 30W)
Woofer Diameter	12 cm (A-OMF cone)
Tweeter Type	Ring Tweeter
Digital Inputs	Optical x 1, Coaxial x 1 (24bit/96kHz compatible)
Analog Input	RCA Stereo x 1
Subwoofer Output	RCA Mono x 1
Headphone Output	3.5mm Stereo Mini-jack x 1
Power Supply	AC 100V, 50Hz/60Hz
Dimensions (W x H x D)	19.4 cm x 26 cm x 14 cm (approximate, per speaker)

Weight	600 grams (This value from source data may be for a single component or incorrect. Please refer to official product documentation for precise weight.)
Color	Black
Special Features	VLSC (Vector Linear Shaping Circuitry), Gold-plated terminals, Detachable grilles, Magnetic shielding, BASS/TREBLE tone controls.

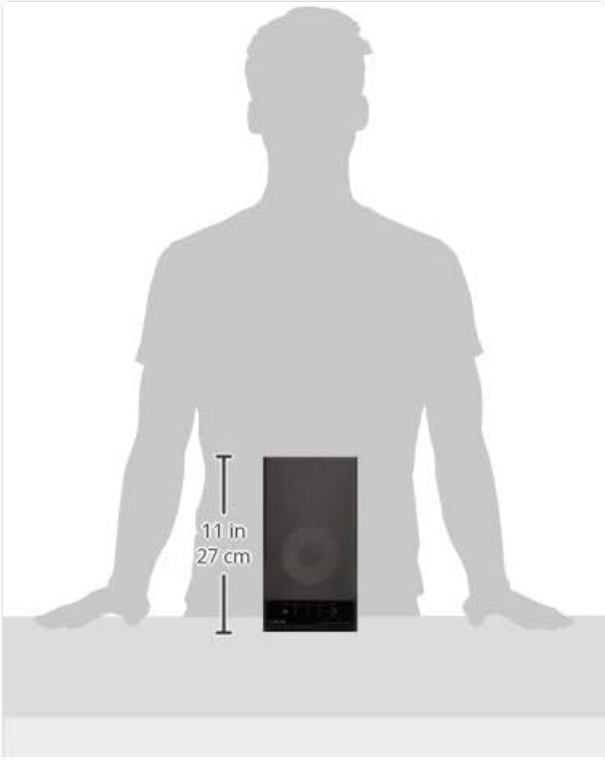


Figure 5: Speaker Dimensions

This image provides a visual representation of the speaker's dimensions, indicating a height of 27 cm (approximately 11 inches) and a width of 19.4 cm. The depth is not explicitly labeled in this diagram but is provided in the specifications table.

## 8. WARRANTY AND SUPPORT

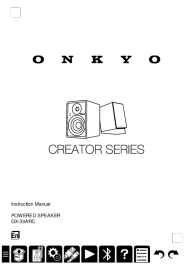
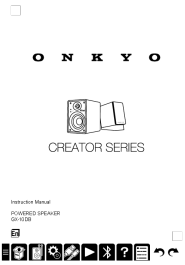

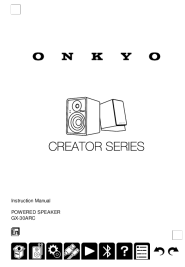

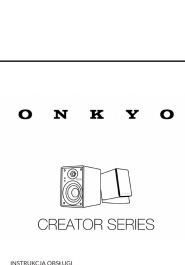
For warranty information, please refer to the warranty card included with your product or contact your retailer. For technical support or service inquiries, please visit the official ONKYO website or contact ONKYO customer service in your region.

**Important:** Keep your purchase receipt as proof of purchase for warranty claims.



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	<p><a href="#">Onkyo GX-30ARC Powered Speakers Instruction Manual</a></p> <p>Detailed instruction manual for the Onkyo GX-30ARC powered speakers, covering setup, connections, playback, troubleshooting, and specifications. Learn how to connect various devices and optimize your audio experience.</p>
	<p><a href="#">Onkyo GX-10DB Creator Series Powered Speaker Instruction Manual</a></p> <p>Comprehensive instruction manual for the Onkyo GX-10DB Creator Series powered speaker, detailing setup, connections, playback modes, troubleshooting, and technical specifications.</p>
	<p><a href="#">Onkyo GX-10DB Creator Series Powered Speaker Instruction Manual</a></p> <p>Comprehensive instruction manual for the Onkyo GX-10DB Creator Series Powered Speaker, covering setup, connections, playback, troubleshooting, and specifications. Learn how to connect various audio sources including PC, TV, turntable, and subwoofer, and utilize Bluetooth functionality.</p>
	<p><a href="#">Onkyo GX-30ARC Powered Speakers Instruction Manual</a></p> <p>Comprehensive instruction manual for the Onkyo GX-30ARC powered speaker system, covering setup, connections, playback, troubleshooting, and specifications.</p>
	<p><a href="#">Onkyo HT-S770 6.1-Channel Home Theater System Service Manual</a></p> <p>Service manual for the Onkyo HT-S770 6.1-Channel Home Theater System, detailing packing procedures for the HT-R520 AV Receiver and HTP-520 speaker package, comprehensive parts lists, and global contact information for Onkyo Corporation.</p>
	<p><a href="#">Onkyo GX-10DB Creator Series Wireless Speaker User Manual   Setup, Operation &amp; Troubleshooting</a></p> <p>Comprehensive user manual for the Onkyo GX-10DB Creator Series wireless speaker. This guide covers box contents, front/rear panel descriptions, remote control functions, installation, connections (PC, TV, turntable, subwoofer), basic and advanced operations, Bluetooth pairing, playback, troubleshooting, and detailed specifications.</p>

