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Genelec G2BWM

Genelec G Two 2-Way Powered Bookshelf Speaker

Model: G2BWM

INTRODUCTION

The Genelec G Two is a compact and powerful 2-way active bookshelf speaker designed to deliver pure, uncolored audio for various applications, including music listening, home theater, TV, and computer audio. Featuring a built-in Class-D amplifier for both the 4.1-inch woofer and 0.75-inch metal-dome tweeter, the G Two eliminates the need for bulky external power amplifiers. Its die-cast aluminum cabinet and rear-facing bass port contribute to its robust sound reproduction. The speaker also includes room compensation switches, allowing you to tailor its sound to match your specific listening environment for a natural audio experience.

IMPORTANT SAFETY INFORMATION

- Read these instructions carefully before operating the product.
- Keep these instructions for future reference.
- Heed all warnings on the product and in the operating instructions.
- Follow all instructions for use and maintenance.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

PACKAGE CONTENTS

Please check that all items listed below are included in your package:

- Genelec G Two Bookshelf Speaker (1 unit)
- 1.8M Mains Cable

SETUP GUIDE

Placement

The Genelec G Two speakers are designed to adapt to various room acoustics. For optimal sound reproduction, consider the following:

- **Symmetry:** Place the speakers symmetrically in your listening environment.
- **Distance from Walls:** Experiment with the distance from walls to minimize bass reflections.
- **Listening Position:** Position the speakers to form an equilateral triangle with your primary listening position.
- **Iso-Pod Stand:** Utilize the included Iso-Pod stand to angle the speaker towards your listening position and decouple it from the surface, reducing unwanted vibrations.



Image: Front view of the Genelec G Two white bookshelf speaker, showcasing its compact design and Iso-Pod stand for optimal positioning.

Connections

The G Two speaker features an RCA input for connecting your audio source and a standard power input. Follow these steps to connect your speaker:

1. Ensure the speaker is powered off before making any connections.
2. Connect your audio source (e.g., preamplifier, DAC, TV, computer) to the RCA input on the back of the G Two speaker using a high-quality RCA cable.
3. Connect the provided 1.8M mains cable to the power input on the speaker and then to a suitable wall outlet.

4. Once all connections are secure, you can proceed to power on the speaker.

Technical Specifications



SPL
100 dB



Frequency Response
56 Hz - 25 kHz (-6 dB³)



Driver Dimensions
Ø 105 mm Bass + Ø 19 mm Treble (view in inches)



Weight
3.2 kg / 7.1 lb



Amplifier Power
50 W Bass (Class D) + 50 W Treble (Class D)



Accuracy of Frequency Response
± 2.5 dB (62 Hz - 20 kHz)



Dimensions
H 242 x W 151 x D 142 mm, with Iso-Pod™ (view in inches)



Connections
1 x RCA Analog Input

Image: A diagram illustrating the technical specifications of the Genelec G Two, including a visual representation of its RCA analog input connection.

OPERATING INSTRUCTIONS

Basic Operation

After connecting your G Two speaker, operating it is straightforward:

1. Power on your audio source device.
2. Power on the Genelec G Two speaker. The power indicator light will illuminate.
3. Adjust the volume level from your audio source. The G Two is an active speaker, meaning its internal amplifiers are optimized for its drivers, and volume control is typically managed by the source device.
4. Enjoy high-quality audio reproduction.

Room Compensation Switches

The G Two features room compensation switches on the rear panel, allowing you to fine-tune the speaker's frequency response to best suit your listening environment. These switches help to achieve a natural and truthful sound by compensating for acoustic anomalies caused by room boundaries or speaker placement.

- Consult the detailed instructions provided with the speaker for specific guidance on using these switches.
- Typically, these adjustments involve attenuating certain frequency ranges (e.g., bass) if the speaker is placed close to walls or corners, which can cause excessive bass buildup.
- Experiment with different settings to find the most balanced and accurate sound for your room.

Key Technologies



Active Crossovers



Directivity Control Waveguide
(DCW™) Technology



Intelligent Signal Sensing (ISS™)
Technology



Iso-Pod™ Stand



Minimum Diffraction Enclosure
(MDE™) Technology



Optimised Amplifiers



Protection Circuitry



Reflex Port Design



Room Response Compensation



Versatile Mountings

Image: A diagram highlighting Genelec's Key Technologies, including 'Room Response Compensation', which refers to the adjustable switches on the speaker.

MAINTENANCE

Proper care and maintenance will ensure the longevity and optimal performance of your Genelec G Two speaker.

- Cleaning:** Use a soft, dry cloth to wipe the exterior of the speaker. Avoid using abrasive cleaners, solvents, or strong detergents, as these can damage the finish.
- Dust:** Regularly dust the speaker grilles and surfaces to prevent dust buildup, which can affect sound quality and ventilation.
- Ventilation:** Ensure that the rear-facing bass port and any ventilation openings are not obstructed to allow for proper airflow and prevent overheating.
- Storage:** If storing the speaker for an extended period, keep it in a cool, dry place, away from direct sunlight and extreme temperatures. It is recommended to use the original packaging for protection.
- Liquid Contact:** Avoid exposing the speaker to liquids. In case of accidental spills, immediately disconnect power and allow the speaker to dry completely before reconnecting.

TROUBLESHOOTING

If you encounter issues with your Genelec G Two speaker, refer to the following table for common problems and their solutions.

Problem	Possible Cause	Solution
No sound	Speaker not powered on; Audio source not connected or off; Incorrect input selected on source; Volume too low.	Ensure power cable is securely connected and speaker is on; Verify audio source is on and playing; Check RCA cable connection; Increase volume on audio source.
Distorted sound	Input signal too high; Damaged cable; Speaker placed too close to a wall causing bass buildup.	Reduce volume on audio source; Try a different RCA cable; Adjust room compensation switches or speaker placement.
Humming or buzzing noise	Ground loop issue; Interference from other electronic devices; Faulty cable.	Ensure all audio equipment is on the same electrical circuit; Move speaker away from other electronics; Try a different RCA cable or power outlet.
Speaker not turning on	Power cable not connected; Power outlet not working.	Check power cable connection at both ends; Test power outlet with another device.

TECHNICAL SPECIFICATIONS

Detailed specifications for the Genelec G Two 2-Way Powered Bookshelf Speaker:

Feature	Specification
Model Name	G2BWM
Speaker Type	Bookshelf, Active

Feature	Specification
Mounting Type	Multiple Options
Material	Plastic (Die-cast aluminum cabinet)
Special Features	Amplifier, Tweeters, Room Compensation Switches
Recommended Uses	Music, Home Theater
Compatible Devices	Desktop, Gaming Console, Home Theater, Laptop, Smartphone, Television
Woofer Diameter	4.1 Inches
Tweeter Diameter	0.75 Inches (metal-dome)
Unit Count	1 Count
Controller Type	Corded electric
Surround Sound Channel Configuration	2.0
Colour	White
Included Components	Speaker, 1.8M Mains Cable
Product Dimensions (D x W x H)	30.5D x 17.8W x 17.8H Centimetres (approx. 5.9 x 9.1 x 5.6 inches)
Is Waterproof	No
Manufacturer	Genelec
Part Number	G2BWM
Number of Items	1
Speaker Amplification Type	Active (Class-D amplifiers)
Speaker Connectivity	Wired
Power Source Type	Corded Electric
Batteries Included/Required	No
Item Model Number	G2BWM
ASIN	B086VR9XRP
Date First Available	July 28, 2021
Speaker Maximum Output Power	50 Watts (Total)
Frequency Response	62 Hz to 20 kHz (typical)

Feature	Specification
Connectivity Technology	RCA
Audio Output Mode	Stereo

WARRANTY AND SUPPORT

Genelec provides a warranty for its products to ensure customer satisfaction and product reliability.

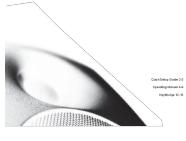
- Warranty Period:** The Genelec G Two speaker comes with a 2-year warranty. Please retain your proof of purchase for warranty claims.
- Warranty Coverage:** The warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or external causes.
- Support:** For technical support, service, or warranty inquiries, please visit the official Genelec website or contact their authorized service centers. You can often find detailed FAQs, troubleshooting guides, and contact information on the Genelec support pages.

For the most up-to-date information, please refer to the official Genelec website or the warranty card included with your product.

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Related Documents - G2BWM

 <p>GENELEC® Operating Manual Genelec 8040B and 8050B Active Monitoring</p>	<p>Genelec 8040B & 8050B Active Monitoring Loudspeakers - Operating Manual Comprehensive operating manual for Genelec 8040B and 8050B active monitoring loudspeakers, covering system features, installation, setup, tone controls, maintenance, safety, and technical specifications.</p>
 <p>LSE Series Operating Manual Genelec 7060A, 7070A, 7071A Active Subwoofers</p>	<p>Genelec LSE Series Subwoofers: 7060A, 7070A, 7071A Operating Manual Comprehensive operating manual for Genelec LSE Series active subwoofers (7060A, 7070A, 7071A), covering features, installation, setup, positioning, and specifications.</p>
 <p>9301B Operating Manual Genelec 9301B Multichannel AES/EBU Interface</p>	<p>Genelec 9301B Multichannel AES/EBU Interface Operating Manual Operating manual for the Genelec 9301B Multichannel AES/EBU Interface, detailing its setup, connections, and usage with 7300 Series subwoofers and GLM software.</p>

 <p>7300 Series Operating Manual Genelec 7380A Smart Active Subwoofer GENELEC®</p>	<p><u>Genelec 7380A Smart Active Subwoofer Operating Manual</u> Comprehensive operating manual for the Genelec 7380A Smart Active Subwoofer, detailing its features, connections, setup, bass management, GLM software integration, and safety information.</p>
 <p>8010A GENELEC®</p>	<p><u>Genelec 8010A Active Monitoring System Operating Manual</u> Comprehensive operating manual for the Genelec 8010A bi-amplified active monitoring loudspeaker. This guide covers general description, packing contents, mounting considerations, connections, tone controls, system specifications, crossover and amplifier sections, maintenance, safety, guarantee, and FCC compliance for professional audio applications.</p>
 <p>8020D GENELEC®</p>	<p><u>Genelec 8020D Active Monitoring Loudspeaker: Quick Setup and Operating Manual</u> Comprehensive guide to the Genelec 8020D bi-amplified active monitoring loudspeaker, covering setup, placement, tone controls, mounting, safety, specifications, and compliance. Includes detailed instructions for optimal audio performance in various environments.</p>