

## GIEC G5300

# GIEC G5300 4K Ultra HD Blu Ray Player User Manual

Model: G5300 | Brand: GIEC

## 1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your GIEC G5300 4K Ultra HD Blu Ray Player. Designed for an enhanced home entertainment experience, this player supports true 4K ultra-high-definition picture quality, HDR10, Dolby Vision, BT.2020 color spaces, and Dolby audio decoding for immersive visuals and sound.

## 2. SAFETY INFORMATION

- Ensure proper ventilation around the player to prevent overheating.
- Do not expose the unit to rain or moisture to reduce the risk of fire or electric shock.
- Avoid placing heavy objects on top of the player.
- Do not open the casing; refer all servicing to qualified personnel.
- Keep the player away from direct sunlight, heat sources, and strong magnetic fields.
- Use only the power adapter supplied with the unit.

## 3. PACKAGE CONTENTS

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

- GIEC G5300 Blu-ray Player (x1)
- HDMI Cable (x1)
- Remote Control (x1)
- User Manual (x1)

## 4. PRODUCT OVERVIEW

### 4.1 Front Panel



Figure 4.1: Front view of the GIEC G5300 Blu Ray Player, showing the disc tray, display, USB port, and control buttons (power, play/pause, eject).

- **Disc Tray:** Insert Blu-ray or DVD discs here.
- **Display Panel:** Shows playback status and time.
- **USB 3.0 Port:** Connect USB storage devices for media playback.
- **Control Buttons:** Power On/Off, Play/Pause, Eject.

## 4.2 Rear Panel and Connections



Figure 4.2: Rear view of the GIEC G5300 Blu Ray Player, highlighting various input/output ports including LAN, HDMI 2.0, HDMI 1.4, USB 3.0, Coaxial, and Optical outputs.

- **LAN Port:** For network connection (e.g., firmware updates).
- **HDMI 2.0 Output (Video/Audio):** Primary HDMI output for 4K video and audio.
- **HDMI 1.4 Output (Audio Only):** Dedicated HDMI output for audio to an AV receiver.
- **USB 3.0 Input:** Connect USB storage devices for media playback.
- **Coaxial Output:** Digital audio output.
- **Optical Output:** Digital audio output.

## 5. SETUP

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### 5.1 Remote Control Battery Installation

Insert two AAA batteries (not included) into the remote control, ensuring correct polarity.

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*Video 5.1: This video demonstrates how to install batteries into the remote control and connect the Blu-ray player to a TV using an HDMI cable.*

### 5.2 Connecting to a Display Device (TV/Projector)

1. Connect one end of the supplied HDMI cable to the **HDMI 2.0 Output (Video/Audio)** port on the rear of the Blu-ray player.
2. Connect the other end of the HDMI cable to an available HDMI input port on your TV or projector.
3. For separate audio output, connect another HDMI cable from the **HDMI 1.4 Output (Audio Only)** port to your AV receiver, or use the Coaxial/Optical outputs.

### 5.3 Power Connection

1. Connect the power cable to the power input on the rear of the Blu-ray player.
2. Plug the other end of the power cable into a wall outlet.
3. Turn on your TV/projector and select the correct HDMI input source corresponding to the port you connected the Blu-ray player to.
4. Press the Power button on the Blu-ray player or remote control to turn on the unit.

## 6. OPERATING INSTRUCTIONS

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### 6.1 Disc Playback

1. Ensure the player is powered on and connected to your display device.
2. Press the **EJECT** button on the front panel or remote control to open the disc tray.
3. Carefully place a Blu-ray or DVD disc onto the tray with the label side facing up.
4. Press the **EJECT** button again to close the tray. The player will automatically begin loading and playing the disc.
5. Use the remote control for playback functions such as Play, Pause, Stop, Fast Forward, and Rewind.

### 6.2 USB Media Playback

The GIEC G5300 supports playback of various media files from a USB storage device.



Figure 6.1: Illustration of the multiple disc, video, and audio formats supported by the player.

1. Insert your USB storage device into the **USB 3.0 Port** on the front or rear panel.
2. Navigate to the "Video," "Music," or "Photo" section on the player's main menu using the remote control.
3. Select your desired file from the USB device to begin playback.


#### Supported Formats:

- **Disc Types:** BD, BD-R, BD-RE, DVD-R/RW, DVD+R/RW, DVD-Video, VCD, CD, CD-R/RW.
- **Video Formats:** MPEG-1, MPEG-2, MPEG-4, VC1, H.264, MOV, MKV, AVI, TS.
- **Audio Formats:** AAC, APE, CUE, FLAC, OGG, MP3, WAV.

## 7. FEATURES

- **4K Ultra HD Playback:** Experience movies and shows in stunning 4K resolution with clearer images and richer colors.
- **HDR10 Support:** Enjoy a wider range of brightness and contrast, revealing more detail in both dark and bright scenes.
- **Dolby Vision:** Enhances image quality by dynamically adjusting brightness and expanding dynamic range for more detailed and vivid pictures.
- **BT.2020 Color Spaces:** Provides a broader color gamut than standard 1080p Blu-ray, resulting in purer, more natural, and realistic colors.
- **Dolby Sound & DTS Decoding:** Supports Dolby audio decoding and DTS effects for an immersive 5.1 stereo surround sound experience.
- **3D Blu-ray Playback:** Compatible with 3D Blu-ray discs for an immersive three-dimensional viewing experience (requires a 3D-compatible TV and glasses).





## Upgrade Chip

| Compare with Normal Chip |                    |                           |
|--------------------------|--------------------|---------------------------|
| 100% Decoding 4K         | 4K UHD Blu-ray     | All Formats Compatible    |
| Others-0%                | Others-Not Real 4K | Others-Partial Compatible |

## Multiple Formats For Playback

Can play various audio and video format files



**Supports multiple disc types**

- SUPPORTS MULTIPLE DISC TYPES INCLUDING BD**  
BD, BD-R, BD-RE, DVD, DVD-R/RW, DVD+R/RW, DVD VIDEO/CD, CD, CD-R/RW, ETC
- SUPPORTS MULTIPLE VIDEO FORMATS**  
MPGE-1, MPGE-2, MPEG4, VC1, H.264, MOV, MKV, AVI, TS, ETC
- SUPPORTS MULTIPLE AUDIO FORMATS**  
AAC, APE, CUE, FLAC, OGG, MP3, WAV, ETC

Figure 7.1: Visual comparison illustrating the difference between 8-bit (16.67 million colors) and 10-bit (1.07 billion colors) color depth, highlighting the enhanced detail and delicacy of 10-bit color.

## Dolby DTS Decoding

Dolby Digital
Dolby Digital Plus
Dolby trueHD

Dolby Atmos/X-DMAX
DTS:X DTS-CD/DTS-HD



The image shows a sleek, black GIEC G5300 Blu Ray Player. The front panel features a disc tray, a small display screen, and various control buttons. Logos for Dolby Digital, Dolby Digital Plus, Dolby trueHD, Dolby Atmos/X-DMAX, DTS:X DTS-CD/DTS-HD, 4K, HDMI, and M-Dolby are visible. The player is set against a background of a conductor and a string orchestra, with blue light effects suggesting audio immersion.

Figure 7.2: The GIEC G5300 Blu Ray Player connected to a TV, showcasing its support for 4K UHD, 3D, HDR, HDR10+, Dolby, and Dolby Vision technologies.

## 8. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the player. Do not use liquid or aerosol cleaners.
- **Disc Care:** Handle discs by their edges. Clean discs with a soft, lint-free cloth, wiping from the center outwards.

- **Ventilation:** Ensure the player's ventilation openings are not blocked to prevent overheating.

## 9. TROUBLESHOOTING

If you encounter issues with your Blu-ray player, please refer to the following common solutions:





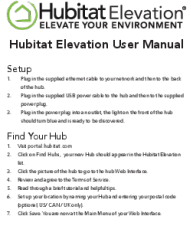
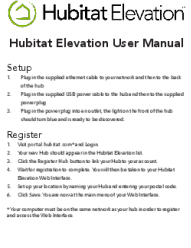
- **No Power:** Check if the power cable is securely connected to both the player and the power outlet. Ensure the outlet is functional.
- **No Picture/Sound:** Verify that the HDMI cable is correctly connected to both the player and the TV/receiver. Ensure the correct HDMI input is selected on your TV/receiver.
- **Disc Not Playing:** Check if the disc is clean and free of scratches. Ensure the disc is inserted correctly with the label side up. The player supports Region A Blu-ray discs and all region DVD discs.
- **Remote Control Not Working:** Check the batteries in the remote control and replace them if necessary. Ensure there are no obstructions between the remote and the player.

## 10. SPECIFICATIONS

| Feature                 | Detail  |
|-------------------------|---|
| Brand Name              | GIEC  |
| Model Name              | G5300   |
| Item Weight             | 4.18 pounds (1.9 Kilograms)   |
| Product Dimensions      | 14.2 x 8.9 x 2 inches   |
| Color                   | Black   |
| Media Type              | Blu-Ray Disc, DVD   |
| Resolution              | 3840x2160 (4K Ultra HD)   |
| Special Features        | Anti-Shock, Compact, Dust Proof, Multi-Format Playback, Surround Sound, HDR10, Dolby Vision, BT.2020 Color Spaces |
| Connector Type          | HDMI (Dual Outputs), USB 3.0, Coaxial, Optical, LAN   |
| Connectivity Technology | HDMI  |

## 11. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact GIEC customer service. Keep your proof of purchase for warranty claims.

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|---|---|
|    | <p><a href="#">GIEC Product Catalog 2019: Educational Devices, Control Panels, AI Displays, and Industrial Solutions</a></p> <p>Explore the comprehensive 2019 Product Catalog from GIEC, featuring a wide range of computing devices including educational tablets and laptops, control panels, AI speakers with screens, and industrial solutions like POS systems and digital signage.</p> |
|    | <p><a href="#">BAFANG M560 E-Bike Motor User Manual</a></p> <p>Comprehensive user manual for the BAFANG M560 e-bike drive unit, covering safety instructions, product description, technical specifications, operation, and maintenance for models MM G5300.500 and MM G5300.750.</p>   |
|    | <p><a href="#">BAFANG M560 (MM G5300.500/750.C) Dealer Manual</a></p> <p>Comprehensive dealer manual for the BAFANG M560 e-bike drive unit, covering installation, operation, and maintenance for models MM G5300.500 and MM G5300.750.C. Includes technical specifications and safety guidelines.</p>  |
|  | <p><a href="#">GIEC Z2001 User Manual</a></p> <p>User manual for the GIEC Z2001, providing instructions and specifications.</p>   |
|  | <p><a href="#">Hubitat Elevation User Manual - Setup, Configuration, and Device Integration</a></p> <p>Comprehensive user manual for the Hubitat Elevation smart home hub. Learn how to set up, register, discover Zigbee/Z-Wave devices, get automated, and access support.</p>  |
|  | <p><a href="#">Hubitat Elevation User Manual: Setup, Registration, and Automation</a></p> <p>User manual for the Hubitat Elevation smart home hub. Covers initial setup, device registration, discovering and automating devices, accessing documentation, and support resources. Learn to integrate your smart home devices with Hubitat.</p>  |