IOGEAR GWHD11

IOGEAR GWHD11 HDMI Wireless Transmitter & Receiver Kit User Manual

Model: GWHD11

1. INTRODUCTION

This manual provides instructions for the IOGEAR GWHD11 HDMI Wireless Transmitter & Receiver Kit. This kit enables wireless transmission of full HD 1080p video and 5.1 digital audio from an HDMI source device to an HDTV or projector up to 30 feet away. It is designed for plug-and-play operation, requiring no software installation.

Image 1.1: IOGEAR Wireless Video Connection Kit GWHD11, highlighting its features: Compatible with All HDMI Devices, 1080p Full HD Resolution Support, and 5.1/7.1 Surround Sound Audio Support.

2. SAFETY INFORMATION

- Do not expose the device to water or excessive humidity.

- Do not attempt to disassemble or repair the device. Refer all servicing to qualified personnel.

- Ensure proper ventilation around the units to prevent overheating.

- Use only the provided power adapters.

- Avoid placing the units near strong electromagnetic fields.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x HDMI Wireless Transmitter (GWHDSTX)

- 1 x HDMI Wireless Receiver (GWHDSRX)

- 2 x Power Adapters

- 1 x HDMI Cable

- 1 x Mini USB to USB Power Cable

- 1 x IR Remote Control

- 2 x AAA Batteries

Image 3.1: Contents of the IOGEAR GWHD11 kit, including the transmitter, receiver, power adapters, cables, remote control, and batteries.

4. PRODUCT OVERVIEW

4.1 Transmitter (GWHDSTX)

The transmitter is a compact device that connects to your HDMI source. It features an HDMI connector for video input and a Mini USB port for power.

4.2 Receiver (GWHDSRX)

The receiver unit connects to your display (HDTV or projector). It includes an HDMI output port, USB ports

for power and potential future use, and an IR IN port for remote control functionality.

Image 4.1: The IOGEAR GWHD11 Wireless HDMI Transmitter (left) and Receiver (right) units.

Image 4.2: Rear view of the IOGEAR GWHD11 Receiver showing its ports (USB, HDMI, IR IN) and the front view of the Transmitter with its HDMI connector.

5. SETUP

Follow these steps to set up your IOGEAR GWHD11 kit:

1. **Connect the Receiver:** Connect one end of the provided HDMI cable to the HDMI OUT port on the receiver unit and the other end to an HDMI input port on your HDTV or projector.

2. **Power the Receiver:** Connect a power adapter to the receiver's power input and plug it into a power outlet. The receiver's power indicator should illuminate.

3. **Connect the Transmitter:** Plug the HDMI Wireless Transmitter directly into an HDMI output port on your source device (e.g., laptop, game console, Blu-ray player).

4. **Power the Transmitter:** Connect the Mini USB to USB power cable to the transmitter's Mini USB port and the USB-A end to a USB port on your source device or a USB power adapter. The

transmitter's power indicator should illuminate.

5. **Establish Connection:** Ensure both units are powered on. The transmitter and receiver will automatically attempt to establish a wireless connection. The 'Wireless Signal' indicator on both units will show connection status.

6. **Select Input:** On your HDTV or projector, select the HDMI input that the receiver is connected to.
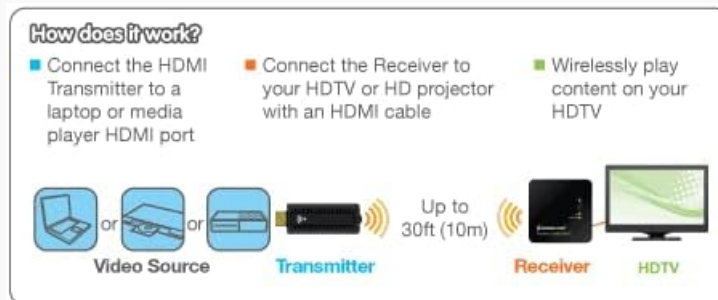

Image 5.1: Diagram illustrating the connection process: Connect the HDMI Transmitter to a laptop or media player HDMI port. Connect the Receiver to your HDTV or HD projector with an HDMI cable. Wirelessly play content on your HDTV.

Image 5.2: A laptop connected to the IOGEAR GWHD11 transmitter, wirelessly streaming 1080p Full HD content to a TV up to 30 feet away.

6. OPERATION

6.1 Basic Usage

Once the transmitter and receiver are connected and powered, and a wireless link is established, the video and audio from your source device will be displayed on your connected HDTV or projector. The system operates on a plug-and-play basis, typically requiring no further configuration.
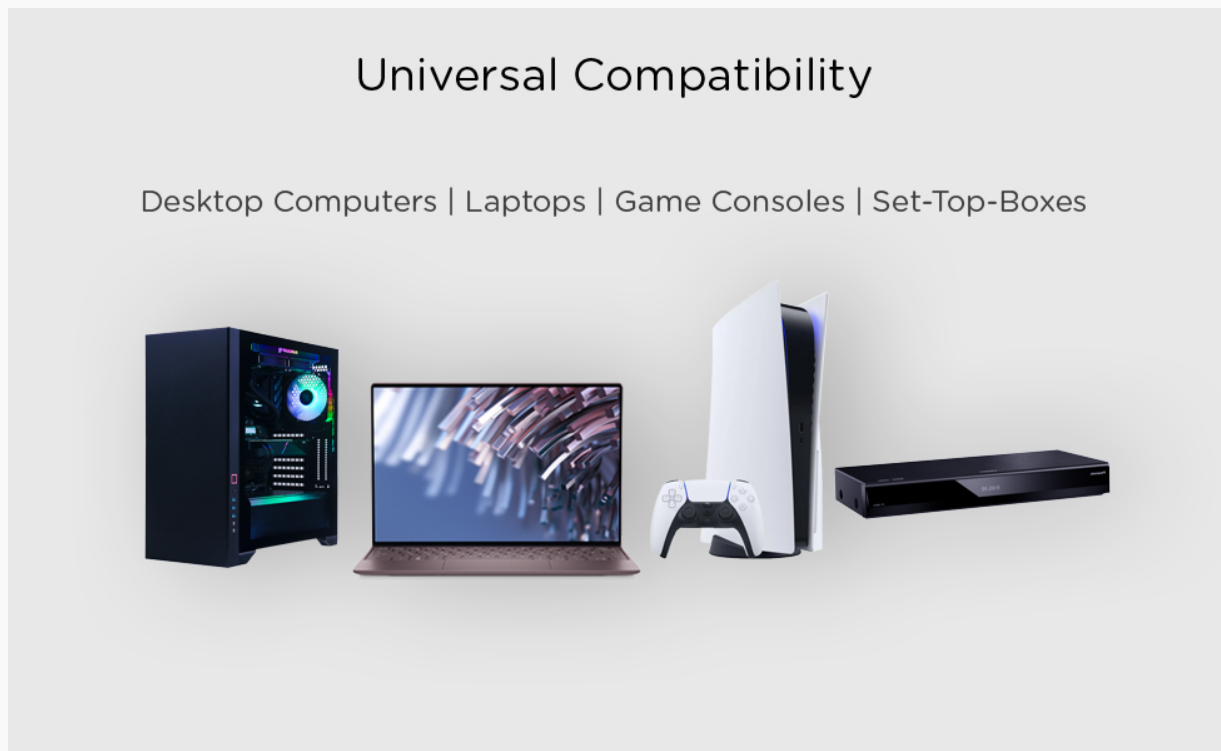
6.2 Multiple Transmitters (Optional)

Up to three additional wireless HDMI transmitters (Part# GWHDSTX, sold separately) can be paired to the

receiver, allowing you to switch between multiple HDMI sources wirelessly. Refer to the additional transmitter's manual for pairing instructions.

6.3 Extending/Mirroring PC Display

The kit supports extending or mirroring your computer's display wirelessly. This allows you to use your HDTV as a second monitor or duplicate your laptop screen for presentations or larger viewing.

Image 6.1: Key features of the IOGEAR GWHD11: support for multiple transmitters, ability to extend or mirror a PC display, and less than 1ms latency for gaming and video content.

6.4 Compatible Devices

The IOGEAR GWHD11 is compatible with a wide range of HDMI-enabled devices, including desktop computers, laptops, game consoles, and set-top boxes.

Image 6.2: Visual representation of universal compatibility with desktop computers, laptops, game consoles (PlayStation 5 shown), and set-top boxes.

7. MAINTENANCE

To ensure optimal performance and longevity of your IOGEAR GWHD11 kit:

- Keep the units clean by wiping them with a soft, dry cloth. Do not use liquid or aerosol cleaners.

- Avoid blocking the ventilation openings on the units.

- Store the devices in a cool, dry place when not in use.

8. TROUBLESHOOTING

If you encounter issues with your IOGEAR GWHD11 kit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No video/audio output	Loose connections, power issue, incorrect input selected on display, interference.	Check all HDMI and power connections. Ensure both units are powered on. Select the correct HDMI input on your TV/projector. Reduce distance or clear line of sight between units.
Intermittent signal/poor quality	Distance too great, obstructions, interference from other wireless devices.	Ensure units are within 30ft range. Minimize obstructions (walls, furniture). Move units away from other wireless devices (Wi-Fi routers, cordless phones).
Transmitter/Receiver not pairing	Units not in pairing mode, interference.	Ensure both units are powered on. If pairing fails, power cycle both units. Refer to the specific pairing instructions if using additional transmitters.

Problem	Possible Cause	Solution
Remote control not working	Dead batteries, IR sensor blocked, remote out of range.	Replace AAA batteries in the remote. Ensure direct line of sight to the receiver's IR sensor.

9. SPECIFICATIONS

- **Product Dimensions:** 3.78 x 3.78 x 1.5 inches
- **Item Weight:** 5.6 ounces
- **Item Model Number:** GWHD11
- **Connectivity Technology:** Wireless
- **Controller Type:** IR Remote
- **Special Feature:** Compact Design
- **Compatible Devices:** DVD Player, Laptop, Personal Computer, Projector, Television
- **Total HDMI Ports:** 1 (on transmitter), 1 (on receiver)
- **Connector Type:** Mini USB (for power)
- **Audio Output Mode:** Surround
- **Surround Sound Channel Configuration:** 5.1 Channel
- **Video Encoding:** H.264, MPEG-4
- **Wireless Range:** Up to 30ft (10m)
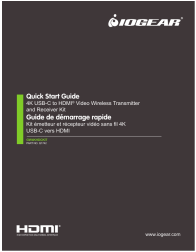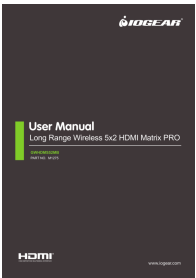- **Video Resolutions:** 480p, 720p, 1080i, 1080p

10. WARRANTY AND SUPPORT

The IOGEAR GWHD11 HDMI Wireless Transmitter & Receiver Kit is backed by IOGEAR's 1-year limited warranty. For technical assistance or warranty claims, please contact IOGEAR customer support. Free lifetime technical support is available.

For more information, visit the official IOGEAR website or refer to the contact details provided with your product packaging.

Related Documents - GWHD11

[IOGEAR GWHD11 Wireless HDMI Transmitter and Receiver Kit Quick Start Guide](#)
A quick start guide for the IOGEAR GWHD11 Wireless HDMI Transmitter and Receiver Kit, covering package contents, system requirements, hardware installation for both transmitter and receiver, display settings, pairing additional transmitters, modifying transmitter names, switching between transmitters, removing paired transmitters, warranty information, and contact details.

	[IOGEAR GW4KHDCKIT 4K USB-C to HDMI Wireless Transmitter and Receiver Kit Quick Start Guide](#) Quick start guide for the IOGEAR GW4KHDCKIT, a 4K USB-C to HDMI wireless transmitter and receiver kit. Includes package contents, system requirements, product overview, installation steps, warranty, and compliance information.
	[IOGEAR GW4K30GH60KIT Ultra-Fast 60GHz Wireless 4K UHD Transmitter & Receiver Kit Quick Start Guide](#) Quick start guide for the IOGEAR GW4K30GH60KIT, an ultra-fast 60GHz wireless 4K UHD transmitter and receiver kit for 2 TVs. This guide provides essential information for setup, operation, and troubleshooting.
	[IOGEAR GW3DHDKIT Wireless 3D Digital Kit Quick Start Guide](#) Comprehensive quick start guide for the IOGEAR GW3DHDKIT Wireless 3D Digital Kit, covering package contents, specifications, device overview, installation, operation, IR blaster, troubleshooting, EDID management, mounting, regulatory information, and warranty.
	[IOGEAR Long Range Wireless 5x2 HDMI Matrix PRO User Manual](#) User manual for the IOGEAR GWHDMS52MB Long Range Wireless 5x2 HDMI Matrix PRO. Learn about setup, operation, specifications, troubleshooting, and features like uncompressed Full HD 1080p wireless transmission up to 200 feet.
	[IOGEAR GCS1337 KeyMander Nexus Gaming KVM User Manual](#) Comprehensive user manual for the IOGEAR GCS1337 KeyMander Nexus Gaming KVM, detailing setup, operation, and advanced features for PC and game console integration using keyboard and mouse.