

GWHDMS52MB

# Long-Range HDMI® Wireless Video 5x2 Matrix PRO with 1 Receiver

Simultaneously transmit HD content wirelessly to 4 displays while viewing different HD content on a 5th local display.



## Wireless HDMI - Multi-Display Solution

Simultaneously transmit Full HD content wirelessly to 4 displays while viewing different Full HD content on a 5th local display. IOGEAR's Long Range Wireless 5x2 HDMI Matrix PRO with Multicast is the first of its kind to wirelessly send uncompressed Full HD 1080p with support for 3D content up to an astonishing 200 feet\*, including the ability of multicasting up to a total of 4 wireless HDMI receivers.

\*Distances may vary depending on environment. Solid and non-porous materials such as steel, concrete, brick and glass (varies depending on coating and thickness) may cause shorter viewing distances

- Wireless uncompressed Full HD 1080p video up to 200 feet\* through standard home walls
- Built in 5x2 Matrix - Switch & independently select any of 5 sources between 2 HDTVs
  - Location 1: HDTV can connect to transmitter's loop-through (local) port
  - Location 2: HDTV can receive content from wireless receiver\*\*
- Multicast - Send video to up to 5 HDTVs simultaneously 4 wireless)\*\*\*
- Send video from a Blu-ray player, DVR, cable box, game console, computer/laptop, media streaming devices, and media servers
- Supports 3D content and 5.1 channel digital audio
- Video Resolutions:
  - 480p, 720p, 1080i and 1080p (24/30/60fps)
- HDMI® Inputs / Outputs:
  - Wireless Transmitter:
    - 4 x HDMI Connection In
    - 1 x Component In
    - 1 x HDMI Connection Out (local port)
    - 1 x IR Out
  - Wireless Receiver
    - 1 x HDMI Connection Out
    - 1 x IR In
- Based on WHDI™ Technology
- HDCP 2.0 Compliant

- Built-in Infrared (IR) pass-through allows user control over their source devices that are in a different location from the wireless receiver
- No software or driver installation needed

\*Distances may vary depending on environment. Solid and non-porous materials such as steel, concrete, brick and glass (varies depending on coating and thickness) may cause shorter viewing distances or loss of signal

\*\*Note: Wireless Video Receiver – Part# [GWHDRX01](#) sold separately. Multicast Kits available. [GWHDMS52MBK2](#) / [GWHDM52MBK3](#) / [GWHDM52MBK4](#)

\*\*\*Expand beyond one wireless display to multiple wireless displays with Multicast capabilities. Simply add up to 3 additional wireless receivers broadcasting to a total of 4 wireless receivers from the same HD video source.



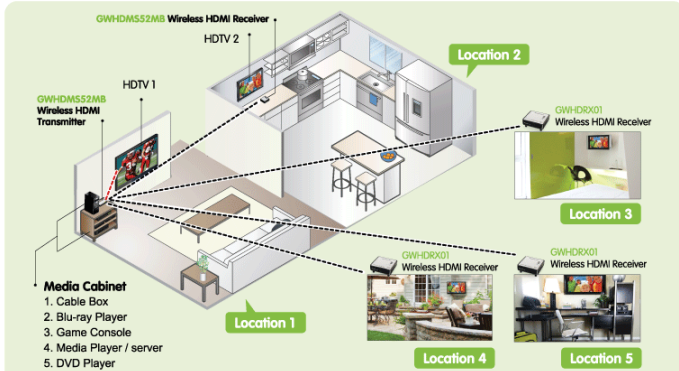
**How does it work?**

**Supports 5 HDTVs**

- Allows you to switch and independently select any of 5 sources between 2 HDTVs
- Watch cable TV in 1 location while playing a Blu-ray in location 2
- Multicast up to 5 HDTVs – Send content up to 5 locations at the same time (4 wireless\*)

**Multicast** .....

Multicasting means the transmitter broadcasts the same video source to 4 wireless receivers (including 3 additional wireless receivers - GWHDRX01, purchased separately), while the transmitter itself is able to view a separate or same source, making it a 5 HDTV solution.



\*Additional Wireless HDMI Receiver – Part# GWHDRX01 sold separately

**Requirements**

**Package Contents**

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>• Displays:</li> <li>• HDTV or HD Projector with HDMI Connection</li> <li>•</li> <li>• Media Source:</li> <li>• 1 HDMI Connector Output</li> <li>• or</li> <li>• 1 Component Output*</li> <li>•</li> <li>• Multicast:</li> <li>• Additional Wireless Video Receivers sold separately - Part# <a href="#">GWHDRX01</a></li> <li>• It is recommended that the distance between receivers to be at least 12 feet apart</li> <li>•</li> <li>• Cables:</li> <li>• HDMI Cables (1 included)</li> <li>• Component Cable (not included)</li> <li>• RCA Audio Cable (L&amp;R, not included)</li> </ul> | <ul style="list-style-type: none"> <li>• 1 x Wireless Video transmitter</li> <li>• 1 x Wireless Video Receiver</li> <li>• 2 x Remote Controls</li> <li>• 1 x Component Adapter Cable</li> <li>• 1 x IR Blaster Cable (Transmitter)</li> <li>• 1 x IR Sensor Extender Cable (Receiver)</li> <li>• 2 x Power Adapters</li> <li>• 1 x HDMI Cable</li> <li>• 4 x AAA Batteries</li> <li>• 1 x User Manual</li> <li>• 1 x Warranty Card</li> </ul> |
|--|---|

\*Only 1 Component Input available on the Transmitter

## Specifications

Function	GWHDM52MB	Dimensions	GWHDM52MB
<b>Connectors</b>		<b>Unit Dimensions</b>	
Video Input	4 x HDMI Connectors, 1 x Component	Height	1.25" (3.18cm)
Video Output	1 x HDMI Loop Through Connector (Transmitter), 1 x HDMI (Receiver)	Length	9.50" (24.1cm)
Power	1 x Power Jack (Transmitter and Receiver)	Depth	3.88" (9.86cm)
<b>Video Resolution</b>		<b>Inner Pack</b>	
480p, 576p, 720p, 1080i, 1080p (24/30/60fps) and 3D Support		Height	9.38" (23.8cm)
<b>Video Streaming</b>		Length	10.75" (27.3cm)
<1ms Latency		Width	11.25" (28.6cm)
<b>Audio</b>		Inner Pack Qty.	3
Audio Output	Digital 6Mbps AC3 and DTS, Analog 48KHz and 24-bit per sample	<b>Unit Package Dimensions</b>	
<b>Frequency</b>		Height	8.63" (21.9cm)
4.9 ~ 5.9GHz (Includes non-DFS and DFS Frequency Bands)		Width	10.81" (27.5cm)
<b>Antenna Type</b>		Depth	3.38" (8.59cm)
High Performance Internal		<b>Master Carton</b>	
<b>Range</b>		Height	21.81" (55.4cm)
Maximum video transmission range is 200ft (60m)		Width	19.88" (50.5cm)
<b>Power Switch</b>		Depth	12.19" (31.0cm)
1 x Push Button (Transmitter and Receiver)		Master Carton Qty.	12
<b>LEDs</b>		<b>Weight</b>	
Power On	Green / Red LED (Transmitter and Receiver)	Master Carton Wt.	43.95lb (19.94kg)
Link	Green LED (Transmitter and Receiver)	Inner Pack Wt.	10.35lb (4.70kg)
Input	5 x Green (Transmitter) 1 x Green (Receiver)	Unit Pack Wt.	3.20lb (1.46kg)
<b>Power</b>		Unit Wt.	1.15lb (0.52kg)
Voltage	100~240v - 5V DC Jack (Transmitter), 5V DC mini USB (Receiver)		
Amps	Transmitter: 2A, Receiver: 1.5A		
<b>Infrared</b>			
Frequency	3ft IR Extension Cable 38kHz, 47kHz & 56kHz		
<b>Operating Temperature</b>			
-32°F~104°F (0°C~40°C)			
<b>Housing</b>			
Case	Plastic		
<b>Cable Connections</b>			
Input	Receiver: 1 x IR Extension Input		
Output	Transmitter: 1 x IR Output		
<b>Security</b>			
128-Bit AES Encryption			
<b>Warranty</b>			
1-Year			