

GWHDMS52MB

# Long Range Wireless 5x2 HDMI Matrix PRO

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 HD content wirelessly to 4 displays while viewing different 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

- Long Range Wireless 5x2 HDMI Matrix PRO with Multicast
- Wireless uncompressed Full HD 1080p video up to 200 feet\* through standard home walls
- Built in 5x2 Matrix - Allows you to switch and 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\*\* up to 5 HDTVs – Send content up to 5 locations at the same time (4 wireless)\*\*\*
- Connect and wirelessly transmit content from a Blu-ray / DVD players, DVR / cable boxes, game consoles, computers / laptops, media streaming devices such as Apple TV 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 In
    - 1 x Component In
    - 1 x HDMI Out (local port)
    - 1 x IR Out
  - Wireless Receiver
    - 1 x HDMI 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

\*\*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.

\*\*\*Note: Wireless HDMI Receiver – Part# [GWHDRX01](#) sold separately Multicast Kits available. [GWHDMS52MBK2](#) / [GWHDMS52MBK3](#) / [GWHDMS52MBK4](#)



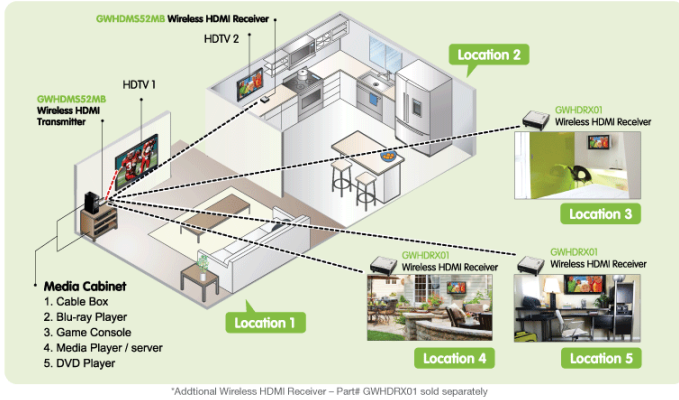
**How does it work?**

**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.



**Requirements**

**Package Contents**

- **Displays:**
- HDMI HDTV or HD Projector
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- **Media Source:**
- 1 HDMI Output
- or
- 1 Component Output\*
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- **Multicast:**
- Additional Wireless HDMI Receivers sold separately - Part# [GWHDRX01](#)
- It is recommended that the distance between receivers to be at least 12 feet apart
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- **Cables:**
- HDMI Cables (1 included)
- Component Cable (not included)
- RCA Audio Cable (L&R, not included)

- 1 x Wireless HDMI Transmitter
- 1 x Wireless HDMI Receiver
- 2 x Remote Controls
- 1 x Component Adapter Cable
- 1 x IR Blaster Cable (Transmitter)
- 1 x IR Sensor Extender Cable (Receiver)
- 2 x Power Adapters
- 1 x HDMI Cable
- 4 x AAA Batteries
- 1 x User Manual
- 1 x Warranty Card

\*Only 1 Component Input available on the Transmitter

## Specifications

Function	GWHDM52MB
<b>Connectors</b>	
Video Input	4 x HDMI, 1 x Component
Video Output	1 x HDMI Loop Through (Transmitter), 1 x HDMI (Receiver)
Power	1 x Power Jack (Transmitter and Receiver)
<b>Video Resolution</b>	480p, 576p, 720p, 1080i, 1080p (24/30/60fps) and 3D Support
<b>Video Streaming</b>	<1ms Latency
<b>Audio</b>	
Audio Output	Digital 6Mbps AC3 and DTS, Analog 48KHz and 24-bit per sample
<b>Frequency</b>	4.9 ~ 5.9GHz (Includes non-DFS and DFS Frequency Bands)
<b>Antenna Type</b>	High Performance Internal
<b>Range</b>	Maximum video transmission range is 200ft (60m)
<b>Power Switch</b>	1 x Push Button (Transmitter and Receiver)
<b>LEDs</b>	
Power On	Green / Red LED (Transmitter and Receiver)
Link	Green LED (Transmitter and Receiver)
Input	5 x Green (Transmitter) 1 x Green (Receiver)
<b>Power</b>	
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>	0 ~ 40C
<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

Dimensions	GWHDM52MB
<b>Unit Dimensions</b>	
Height	1.25" (3.18cm)
Depth	3.88" (9.86cm)
Length	9.50" (24.1cm)
<b>Inner Pack</b>	
Width	11.25" (28.6cm)
Height	9.38" (23.8cm)
Length	10.75" (27.3cm)
Inner Pack Qty.	3
<b>Unit Package Dimensions</b>	
Width	10.81" (27.5cm)
Height	8.63" (21.9cm)
Depth	3.38" (8.59cm)
<b>Master Carton</b>	
Width	19.88" (50.5cm)
Height	21.81" (55.4cm)
Depth	12.19" (31.0cm)
Master Carton Qty.	12
<b>Weight</b>	
Master Carton Wt.	43.95lb (19.94kg)
Inner Pack Wt.	10.35lb (4.70kg)
Unit Pack Wt.	3.20lb (1.46kg)
Unit Wt.	1.15lb (0.52kg)