IOGEAR®
An ATEN International Company

GWHDMS52MB

Long Range Wireless 5x2 HDMI Matrix PRO

Send up to 200ft and multicast up to a total of 4 wireless receivers

Bedroom

Kitchen

Outdoor

Living Room

HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE

Support
3D

200ft

HD
1080p

Multicast 4 Receivers

IOGEAR's Long Range Wireless 5x2 HDMI Matrix PRO with Multicast is the first to send uncompressed Full HD 1080p up to an astonishing 200ft, including the ability of multicasting up to a total of 4 wireless HDMI receivers. Additional Wireless HDMI Receiver (Model: GWHDRX01) is available separately to build a customized wireless A/V distribution solution.

Natively the kit consists of a Transmitter with connections for HDMI and Component (5-port switch / matrix) and a Wireless Receiver. It also provides a loop through (local port) on the transmitter for an advanced 2 HDTV set up.

Wireless Matrix
The wireless matrix feature allows a user to switch and independently select any of 5 sources between 2 HDTVs, creating 2 completely different audio/video environments.

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

Discrete Remote
Our newly designed discrete remote gives installers and pro-sumers the flexibility to consolidate functions with professional A/V systems. Separate "On / Off" and IR control of devices such as, a DVD / Blu-ray players, DVR / Cable boxes, and media streaming devices such as Apple® TV.

EDID Management
The default EDID resolution setting is 720p, to ensure HD video on every initial set up. The PRO unit provides three (3) EDID management modes for the best installation every time. This gives flexibility and power for any install or end customer's desired set up.
• EDID 1 Mode: Changes the default setting to 1080p Full HD.
• EDID 2 Mode: Refreshes the screens and sets the highest common resolution of ALL the connected displays.
• EDID 3 Mode: Restores the factory default video resolution back to 720p

Applications

Home

Commercial

Entertainment

Education

House of Worship
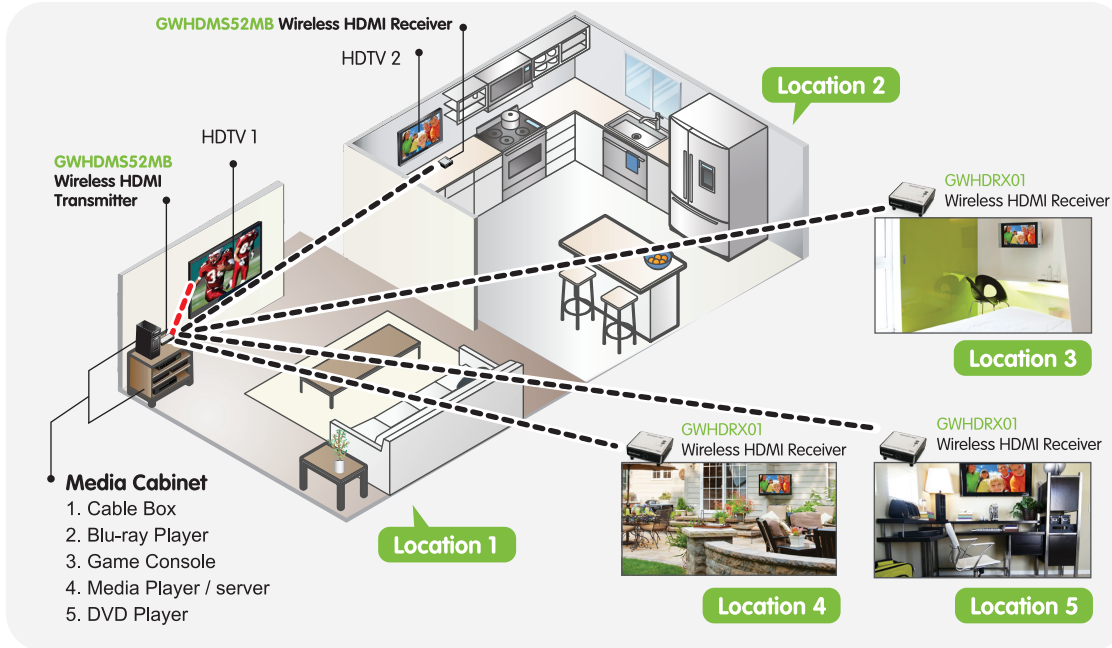
Multicast Kits Available:
GWHDMS52MBK2, GWHDMS52MBK3, GWHDMS52MBK4

Long Range Wireless 5x2 HDMI Matrix PRO

How does it work?

GWHDMS52MB Wireless HDMI Receiver

HDTV 2

Location 2

HDTV 1

GWHDMS52MB
Wireless HDMI
Transmitter

GWHDRX01
Wireless HDMI Receiver

Location 3

Media Cabinet
1. Cable Box
2. Blu-ray Player
3. Game Console
4. Media Player / server
5. DVD Player

Location 1

GWHDRX01
Wireless HDMI Receiver

GWHDRX01
Wireless HDMI Receiver

Location 4

Location 5

Requirements:

Display
• 1 HDMI input

Media Source
• 1 HDMI output
  or
• 1 Component output

Cables
• HDMI cables (not included)
• Component (not included)

Package Contents:

1 x Wireless Transmitter
1 x Wireless Receiver
2 x Remote Control
1 x Component Adapter Cable
1 x IR Blaster Cable
1 x IR Sensor Cable
2 x Power Adapter
1 x HDMI Cable
1 x Installation Guide
1 x Warranty Card

SPECIFICATIONS

Function	GWHDMS52MB
Connectors	
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)
Video Resolution	480p, 720p, 1080i, 1080p (24/30/60fps) and 3D Support
Video Streaming	<1ms Latency
Audio	
Audio Output	Digital 6Mbps AC3 and DTS, Analog 48KHz and 24-bit per sample
Frequency	4.9 ~ 5.9GHz (Includes non-DFS and DFS Frequency Bands)
Antenna Type	High Performance Internal
Range	Maximum video transmission range is 200ft (60m)*
Power Switch	1 x Power Switch Pushbutton (Transmitter and Receiver)

*Distances may vary depending on environment; solid objects such as steel, concrate and brick may cause shorter viewing distances.

Function	GWHDMS52MB
Remote Module Connectors	
Unit to Unit	2.5mm Blaster Extender (Transmitter), Sensor Extender (Receiver)
LEDs	
Port ID	5 x Green LEDs on Transmitter; 2 x Green LEDs on Receiver
Power On	Green/Red LED (Transmitter and Receiver)
Link	LED (Transmitter and Receiver)
Power	
Voltage	100~240v - 5V DC Jack (Transmitter), 5V DC mini USB (Receiver)
Amps	2A
Operating Temperature	0 ~ 40C
Housing	
Case	Plastic
Cable Connections	
Input	Receiver: 1 x IR Extension Input
Output	Transmitter: 1 x IR Output

GWHDMS52MB