



HWRGM1A

## Hi-Gain Wireless-108G MIMO Router

with AMP Technology



**Hi-Gain Wireless-108G MIMO Router**  
with AMP Technology



Designed For Mac and PC Users

### PACKAGE CONTENTS:

- ♦ One Hi-Gain™ Wireless-108G MIMO Router with AMP Technology
- ♦ One Power Adapter
- ♦ One CD, includes Mac and PC Setup Wizard and Users Manual
- ♦ One RJ-45 Ethernet Cable
- ♦ Easy to follow Quick Installation Guide

The Hawking HWRGM1A Hi-Gain Wireless-108G MIMO Router with AMP Technology is the perfect solution for sharing a single broadband internet connection between the computers in your home or office. Using state-of-the-art "AMP"lified MIMO wireless technology, Hawking delivers the fastest and furthest possible wireless networking experience. At a blazing 108Mbps, transferring files, audio and even video has never been more enjoyable. Even in large homes and offices, wireless dead-spots are easily eliminated with the Wi-Fi range extending capabilities of the HWRGM1A (Up to 3 times the distance of the Airport Extreme Base Station).\* Along with wireless connectivity, the HWRGM1A has 4 wired 100Mbps Ethernet ports for connecting your computers that do not have wireless access.

Installation of the HWRGM1A is very simple. In a matter of a few clicks with your mouse, the new Mac or PC based Setup Wizard will automatically configure your Wireless Router for internet access. The Hawking Hi-Gain wireless MIMO Router also offers the latest in wireless security, ensuring that your files and network are safe from outside intruders.

### Features

- ♦ Great for sharing Music, Movies and Data Files between your home computers
- ♦ Works great with Airport Extreme and Airport Wireless Cards
- ♦ Ultra Fast Data Transfer speeds and Superior Wireless Range using Hi-Gain AMP Technology
- ♦ Easy Installation Using the Mac and PC Setup Wizard
- ♦ Instantly Share your Internet Access

### System Requirements:

- ♦ Computer (Mac or PC) with 200MHz or faster processor with CD-Rom
- ♦ Internet Web Browser (Internet Explorer 4.0, Safari, etc...)
- ♦ 802.11b, 802.11g, Airport Card, Airport Extreme Card or wired network adapter with TCP/IP Protocol Installed
- ♦ Compatible Broadband Internet Service

Apple®, Apple Airport Extreme®, Mac®, and Powerbook® are registered trademarks of Apple Computer, No affiliation is implied or expressed.

\*Source: Independent Research Group. Wireless performance may vary due to environmental factors that can cause interference.





# Hi-Gain Wireless-108G MIMO Router with AMP Technology

## HWRGM1A

### HWRGM1A Hi-Gain Wireless-108G MIMO Router with AMP Technology

#### ORDERING INFORMATION:

MAC Wireless Network Adapters (108Mbps Capable)  
HWU54DMA - Hi-Gain Mini Wireless-G USB Adapter  
HWC54DA - Hi-Gain Wireless-G Cardbus Card

PC Wireless Network Adapters (108Mbps Capable)  
HWU54DM - Hi-Gain Mini Wireless-G USB Adapter  
HWC54D - Hi-Gain Wireless-G Cardbus Card

#### SPECIFICATIONS:

##### Network Specifications:

- IEEE 802.11b/g
- IEEE 802.11e WMM

##### Data Rate

- 54/48/36/24/18/12/11/9/6/5.5/2/1 Mbps fallback
- Turbo Mode (works with 108Mbps capable Hawking wireless network adapters)

##### Operating Frequency

- 2.4~2.4835 Ghz

##### Security

- 64/128/256-bit WEP Data Encryption, WPA (TKIP with IEEE 802.1x), WPA2 and AES

##### Antenna

- 3x 2dBi Detachable RP-SMA Antennas
- Upgradeable to Hi-Gain Hawking Antennas

##### Transmit Power

- 18dBm +/- 2dBm

##### Router Features

- NAT/NAPT IP Sharing
- Firewall (Anti-DoS, DMZ, Virtual Server)
- Port Triggering
- VPN Pass Through (IPSec/PPTP)
- Remote Configuration (Web-Interface)
- Security Logs, System Status, Firmware Upg
- PPPoE, Static, PPTP, DHCP WAN Supported
- DHCP Server

##### Quality of Service

##### Temperature

- 32~131°F (0 ~55°C)

##### Humidity

- Max. 90% (NonCondensing)

##### Certification

- FCC , CE, IC

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#### READY, NETWORK & GO!

It's easy to install, it's easy to use! Everyone can do it.

##### Step 1 - Connect the Hardware

Connect the router to your broadband modem and power on.

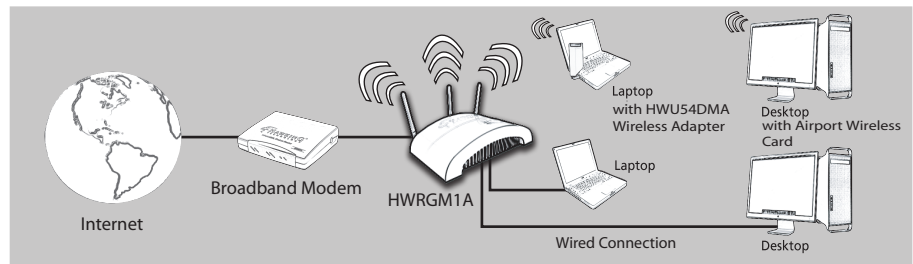
##### Step 2 - Insert the Setup CD

Insert the included setup CD into your CD-Rom drive and run through the setup options.

##### Step 3 - Surf the Web Wirelessly

Place your router in your desired location and enjoy wireless internet access throughout your home or office.

#### WIRELESS NETWORK DIAGRAM:



#### Wireless Range Comparison



Standard Wireless-G Router or Base Station



Hi-Gain Wireless-G MIMO Router with AMP Technology



For even greater range, use with Hawking's Hi-Gain Wireless Adapters for Mac's and PC's (See back for details)

Look for products with this logo:



Hi-Gain AMP'ified MIMO technology boosts wireless range by up to 3X compared to standard Wireless-G Routers and Base Stations\*

- Great for large home and backyards
- Eliminates all major wireless trouble zones
- Ensures stable connection: less drops
- Compatible with legacy 802.11b/g wireless equipment

