HAWKING ®
TECHNOLOGY

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 conectivity, 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

AMPLIFIED
MIMO
SMART ANTENNA TECHNOLOGY

Hi-Gain™
AMP TECHNOLOGY

HAWKING TECHNOLOGY®

HWRGM1A

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HWRGM1A
Hi-Gain Wireless-108G MIMO Router
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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 apapters)
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, Firmare 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

READY, NETWORK & GO!

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

Step 1 - Connect the Hardware
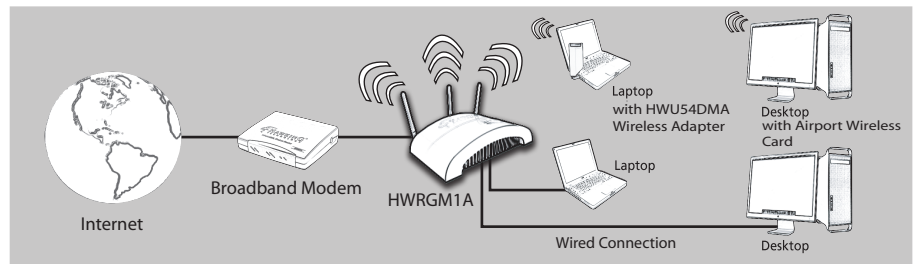Connect the router to your broadband modem and power on.

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:

Internet — Broadband Modem — HWRGM1A — Laptop with HWU54DMA Wireless Adapter — Laptop — Desktop with Airport Wireless Card — Wired Connection — Desktop

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)

Hi-Gain AMP'lified 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 mojor wireless trouble zones
- Ensures stable connection: less drops
- Compatible with legacy 802.11b/g wireless equipment

Look for products with this logo:

Hi-Gain™24
Range Extending Products

Removable Antenna Port   Removable Antenna Port
Adapter: DC12V   4X LAN ports   Internet RJ-45 Port