



## MR814

# 4-port Cable/DSL 2.4 GHz Wireless Router With 10/100 Mbps Switch

### Securely Share Your Cable/DSL Internet – With or Without Wires!

- *Help is there when you need it! NETGEAR provides, 24x7 telephone and e-mail technical support in English, with selected local language support during office hours.*

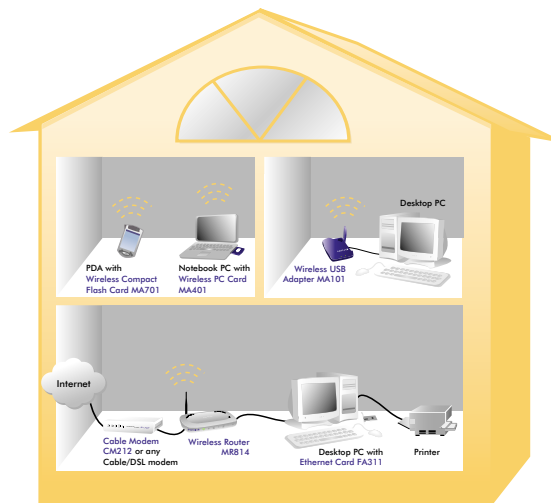
- When you connect your cable/DSL modem to the NETGEAR Wireless Router, you'll enjoy wired or wireless Internet access for all your computers and be assured of protected communications on your home or small office network! This 3-in-1 Router + Switch + Wireless Access Point is a base station that allows you to share your Internet connection, files and printers with other computers on the network. Your communications and network are secure from hackers and wireless eavesdroppers because they're shielded with Network Address Translation (NAT) Firewall. Internet activities are always safe because Web-address filtering gives you control over any contact network users have with Web sites. Not only that, there's also a free, full-version of Freedom™ Personal Firewall software included (for 8-PCs, a \$240 value) to block ads, manage your passwords, and prevent applications from sending your personal information over the Internet. And thanks to the unique Smart Setup Wizard, you'll install this router with ease.

- **Simplified** Designed specifically for home and small office use with plug-and-play installation. You'll be Web surfing in minutes with the Install Assistant to guide you through each step and on-screen help that's there when you need it. The unique Smart Setup Wizard technology automatically detects your ISP connection type – saving you time and effort. Front lighted icons display status at a glance. Works with PCs, Macintosh®, and virtually all Ethernet devices, and comes with a vertical stand to save desk space. NETGEAR even includes the cable (a \$15 value) for your first computer to save a trip back to the store.

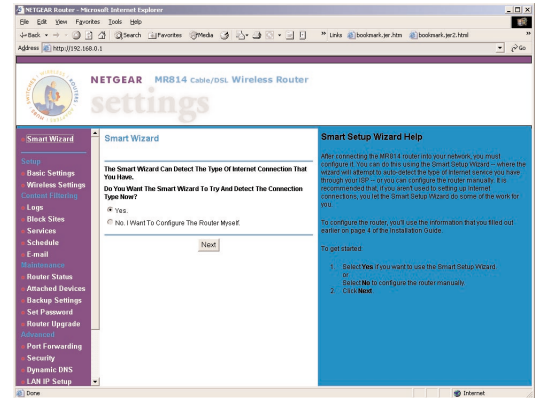
- **On Guard** A sophisticated NAT (Network Address Translation) Firewall protects against Internet hackers, while VPN (Virtual Private Network) pass-through allows users secure access to corporate networks. Powerful encryption (40/64 or 128-bit) protects against eavesdroppers and Address Authentication restricts connections to specific wireless adapters – only those you approve are allowed to use your network. E-mails notify you of Internet activity. Content logging and filtering limit access to inappropriate web sites.

- **Talented** Roam your home and office with the freedom of a Wi-Fi notebook computer. Distribute MP3s, digital movies, and photos with ultra-fast, wired LAN ports capable of speeds of 200 Mbps. Pre-programmed Port Forwarding setups simplify playing multi-player games and hosting Internet services. Shares a single broadband connection with up to 253 users to give everyone simultaneous access to the Internet. Provides a powerful 5 dBi detachable antenna for longer wireless range, and delivers double the memory and a 50% faster CPU than many popular routers.

- **Smartly Designed** Sleek, modern case, with a patented design, stacks neatly with other NETGEAR Platinum products or stands on end to conserve desk space. A 3-year warranty means you can trust your network with built-to-last reliability – NETGEAR uses only high-quality components.



Typical network setup



Smart Wizard and on-screen help make setup a breeze

## Technical Specifications

- **Standards Capability:**
  - IEEE 802.3i 10BASE-T
  - IEEE 802.3u 100BASE-TX
  - IEEE 802.3x Flow Control
- **Interface Specifications:**
  - **Internet/WAN:** 10 Mbps Ethernet, RJ-45
  - **LAN:** 4 ports @ 10/100 Mbps (auto-sensing) Ethernet, RJ-45
  - **Wireless:**
    - Network Speeds: 1, 2, 5.5, 11 Mbps with Auto-fallback support
    - Modulation Type: Direct Sequence Spread Spectrum (DSSS)
    - Encryption: Hardware-based 40/64-bit & 128-bit WEP encryption
    - Frequency Band: 2.4 GHz
    - Standards Capability: 802.11b
    - Antenna: 5 dBi (detachable)
    - Operating Range: Up to 150 m (500 ft.) indoors and 500 m (1650 ft.) outdoors
- **Power Adapter:**
  - 12 V DC 1.2 A. Plug is localized to country of sale in North America, Australia, Europe, United Kingdom, Japan
- **Average Power Consumption:**
  - 5-6 W
- **Dimensions:**
  - W-255 mm (10") D-169 mm (6.7") H-34 mm (1.3")
  - Weight: 0.62 Kg (1.4 lbs.)
- **Lighted Status Icons:**
  - Power, Test, Internet, Wireless and LAN (connection, activity and speed)
- **Environmental Specifications:**
  - **Operating Temperature:** 0° to 40°C
  - **Storage Temperature:** -20° to 70°C
  - **Operating Relative Humidity:** 90% non-condensing
  - **Acoustic noise:** 0 dB
- **Routing Protocols:**
  - Static & Dynamic Routing with TCP/IP, VPN pass-through (IPSec, PPTP, L2TP), NAT, PPPoE, DHCP (client & server)

- **Application Support:**
  - Works with most Internet applications, including: QUAKE®, Half-Life®, StarCraft®, Unreal Tournament®, AOL® Instant Messenger™, Microsoft Messenger®
- **Functions:**
  - Smart Wizard to automatically detect ISP type, Port Range Forwarding, Exposed Host (DMZ), URL Content Filtering, E-mail Alerts, Wireless MAC Address Authentication
- **Certifications:**
  - FCC Part 15, Class B (PD5LMWP200)
  - Canada RSS-210 (3970104534A)
  - UL, CSA
  - ISO-9000
- **Limited Warranty:**
  - 3 years

## System Requirements:

- Broadband (cable, DSL) Internet service and modem with Ethernet RJ-45 connector
- Ethernet adapter and cable OR 2.4 GHz Wireless adapter for each computer
- Windows® 95, 98, Me, NT, 2000, XP, Mac® OS, NetWare®, UNIX®, Linux®
- Internet Explorer 5.0 or Netscape® 4.7 or higher
- Windows 98, Me, 2000, or XP for Freedom, PC software

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## Package Contents

- Cable/DSL 2.4GHz Wireless Router
- Vertical Stand
- LAN cable
- Power Adapter
- MR814 Installation Guide
- GearBox™ CD with Install Assistant and FREE Freedom™ PC software
- Warranty card
- Support information card

## Related Products

For connecting computers:

- 2.4 GHz Wireless Adapter for desktops (MA101)
- 2.4 GHz Wireless Adapter for notebooks (MA401)
- 2.4 GHz/5 GHz Wireless Adapter for notebooks (WAB501)
- Fast Ethernet PCI Adapter for desktops (FA311 or FA312)
- Fast Ethernet Adapter for notebooks (FA411 or FA511)
- Fast Ethernet USB Adapter (FA101 or FA120)

To extend the network with or without wires:

- 2.4 GHz Wireless Access Point for an additional base station (ME102)
- Fast Ethernet Switch (FS605 or FS608) to add additional wired computers
- Powerline Ethernet Adapter (XE602) to use your electrical wiring as a network

For additional security, NETGEAR also provides Advanced Firewall and VPN Routers