



# WireSpeed™

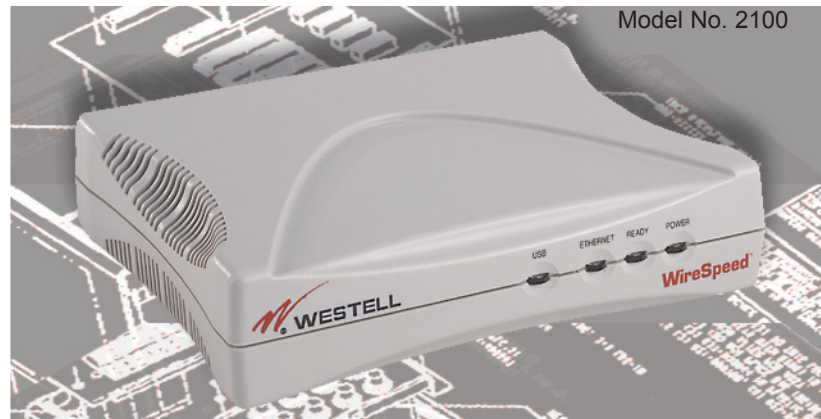
ADSL DUAL CONNECT NAT ROUTER

## *Low cost, multi-user Internet access*

With the WireSpeed ADSL Dual Connect NAT Router, up to 253 home or office users can share a single high-speed ADSL Internet connection simultaneously without having to purchase multiple modems. It's the low cost solution for a multi-user residential or small business network\*.

Like all of Westell's WireSpeed products, the WireSpeed ADSL Dual Connect NAT Router is easy to install and can be configured in a matter of minutes using any standard Web browser. It is software upgradeable for maximum investment protection.

Westell's WireSpeed Dual Connect ADSL NAT Router uses Point to Point Protocol over Ethernet (PPPoE/A) data protocol to connect to a service provider. And LAN network setup is a breeze through the use of Network Address Translation (NAT) and Dynamic Host Control Protocol (DHCP). Because the WireSpeed ADSL Dual Connect NAT Router is viewed by the Internet as a single IP address, the IP addresses of the PCs on the LAN are hidden from the Internet, providing a simple and effective network security solution. WireSpeed Model 2100 also automatically assigns an IP address to each PC on the network, thereby removing the chore of local IP address management.



### Features:

- Integrated firewall
- PPTP/L2TP/IPSEC VPN support (Tunnel Mode)
- Allows PPPoE shim on PC to be used simultaneously to run proprietary VPN Client Software
- Port Forwarding
- 'Always on' Internet access
- Multiple users share single Internet connection
- Network Address Translation (NAT)
- Requires only one static (PPPoE/A enabled) or dynamic IP from your ISP to serve multiple users on your LAN
- Simple Web Interface
- Isolates your LAN from the Internet - provides security since LAN IP addresses are not visible to the Internet
- Automatic assignment of IP address and DNS information to all work stations on your LAN via DHCP

- Uses Point to Point Protocol over Ethernet (PPPoE/A) for connection to your service provider
- Easy set up and configuration via web browser
- Hardware Reset switch
- Software Upgradeable
- Transparent learning bridge
- Spanning Tree

### Benefits:

- Retain existing Westell WireSpeed modem
- Eliminates the need for costly router
- No need to tie up a PC to serve as a router
- No need to pay for multiple IP addresses
- Eliminates need to load Point-to-Point Protocol over Ethernet (PPPoE/A) on each of the networked PCs
- Can retain IP address of existing LAN
- Upgrade with minimal disruption of Internet service
- Reset switch (Lower support cost)



# WireSpeed™

ADSL **DUAL CONNECT** NAT ROUTER - MODEL 2100

## Product Specifications

### Routing

- Up to 253 users with a user supplied Ethernet hub
- Network Address Translation (NAT)
- Dynamic Host Control Protocol (DHCP) - Automatic or Manual Local Address Assignment
- DHCP Host Configuration
- DNS Proxy Implementation
- Integrated Firewall
  - Packet Filtering (Should have - before Packet)
  - Configurable Firewall (Should have - before Config)

### Transport and Application Protocol Support

- TCP, UDP, ICMP, SMTP, NNTP, FTP, HTTP, HTTPS, SSL
- Support for PPTP/L2TP/IPSEC VPN Tunnel through NAT router
- Bridged PPPoE from PC simultaneously with NAT router
- PPPoE session

### Dimensions

- Height: 1.6 in. (4.0 cm)
- Width: 6.3 in. (16.0 cm)
- Depth: 5.07 in. (12.8 cm)

### Weight

- Approx. 2.0 lbs. (.90 kg)

### Environmental

- Ambient Operating Temperature: +32 to +104 F (0 to +40 C)
- Relative Humidity: 5 to 95%, non-condensing

### Power Supply

- 120 VAC (10%) to 12 VAC wall-mount power supply

### Power Consumption

- Less than 8 watts typical, from 120 VAC

### Indicators

- DSL
- Power
- Ethernet
- USB

### Connectors

- Power: Barrel connector
- Line (DSL): 6-pin (RJ-11) modular jack
- PC: USB Series B connector
- Ethernet: 8-pin (RJ-45) modular jack

### ADSL

- DSL Line Code: Discrete Multi-Tone (DMT)
- DSL Rates: 32 Kbps to 8 Mbps downstream and 32 Kbps to 800 Kbps upstream
- Power spectral density: -40 dBm/Hz
- DSL Impedance: 100 Ohms
- DSL Performance: Performance: per G.992.1, ANSI T1.413.

### Protocol Features

- Bridge Encapsulation per RFC1483
- Logical Link Control/ Subnetwork Access Protocol (LLC/SNAP)
- Software Upgradeable
- PPPoE Support
- ATM SAR: Internal to Modem

### System Requirements for USB

- Pentium Class PC or above
- Microsoft Windows 98, 2000, ME or XP installed
- Operating system CD
- Internet Explorer 4.x or Netscape Navigator 4.x or higher 32 MB RAM
- 10 MB of free hard drive space
- USB Version 1.0 or 1.1 compliant bus

### System Requirements for 10/100 Base-T/Ethernet

- Pentium Class PC or above
- Microsoft Windows 95, 98, 2000, ME, NT 4.0, or XP installed Operating system CD
- 32 MB RAM
- Ethernet 10/100 Base-T interface
- 10 MB of free hard drive space
- TCP/IP Protocol installed

### Compliance

#### EMC

- FCC, Part 15 Class B

#### Safety

- UL 1950, 3rd Edition
- cUL, CAN/CSA-22.2 950-93

#### Regulatory Approval

- UL
- CSA
- FCC, Part 68
- Industry Canada CS03

#### Ordering Information

Wirespeed ADSL Dual Connect, Model No. 2100

Please specify which Ethernet protocol you require (PPPoE/PPPoA)

\*Multiple users require the use of an appropriate Ethernet hub, not included in this package.