

## All-In-One Wireless-G Networking and Internet telephony!



The Linksys Wireless-G Broadband Router is really four devices in one box. First, there's the Wireless Access Point, which lets you connect both screaming fast Wireless-G (802.11g at up to 54Mbps) and Wireless-B (802.11b at up to 11Mbps) devices to the network. There's also a built-in 4-port full-duplex 10/100 Switch to connect your wired-Ethernet devices together. Connect four PCs directly, or attach more hubs and switches to create as big a network as you need. The Router function lets your whole network share a high-speed cable or DSL Internet connection.

The fourth function is the phone adapter, which enables high-quality feature-rich telephone service through your high-speed connection even while you're surfing the Internet. There are two standard telephone jacks, each operating independently—like having two phone lines. With your Internet phone service, you'll get low domestic and international phone rates, Caller ID, Call Waiting, Voicemail, Call Forwarding, Distinctive Ring, and lots of other available special phone features. Choose any free local dialing US area code, regardless of where you live. Add a virtual phone number in any area code, or even a US-wide, toll-free number.

To protect your data and privacy, the Wireless-G Broadband Router can encode all wireless transmissions with up to 128-bit encryption, and supports both Wired Equivalent Privacy (WEP) and the industrial-strength wireless security of Wi-Fi Protected Access™ (WPA). The Router can serve as a DHCP Server, has a powerful SPI firewall to protect your PCs against intruders and most known Internet attacks, supports VPN pass-through, and can be configured to filter internal users' access to the Internet. Configuration is a snap with the web browser-based configuration utility.

With the Linksys Wireless-G Broadband Router at the center of your home or office network, you can share a high-speed Internet connection, files, printers, and multi-player games, and turn that Internet connection into a high-quality, high-value telephone service!

All-in-one Internet-sharing Router, 4-port Switch, and 54Mbps Wireless-G (802.11g) Access Point

Shares a single Internet connection and other resources with Ethernet wired and Wireless-G and B devices

Two standard phone jacks enable feature-rich telephone service over your cable or DSL Internet connection

High security: Wi-Fi Protected Access™ (WPA), wireless MAC address filtering, powerful SPI firewall

## Wireless-G



## Broadband Router with 2 Phone Ports

Product Data

# Wireless-G

## Broadband Router with 2 Phone Ports

### Features

- Wireless connection with 802.11g or 802.11b standard
- Four 10/100 BaseT Ethernet Ports to share Internet Connection
- Two RJ-11 voice ports for analog phones or fax machines with two independent telephone numbers
- Supports QoS (Quality of Service) to ensure best quality voice
- Supports Access Control to block specific PCs on the network from gaining access to the Internet
- Supports SPI Firewall to limit the risk of intrusion attempts
- Web-based configuration through a built-in web server
- Supports auto-provisioning with provisioning servers for configuration and upgrades
- Voice Features
- Supports Session Initiation Protocol (SIP)
- Supports DTMF tone detection and generation
- Supports Voice Activity Detection (VAD) and Silence Suppression
- Supports Comfort Noise Generation (CNG)
- Supports Caller ID generation and detecting (FSK and DTMF)
- Supports Echo Cancellation (G.165 and G.168)
- Supports T.38 Fax Really including V.17, V.21, V.27ter and V.29 and FAX Pass-through (PCM)
- Supports multiple voice compression G.711, G.726, G.729, G.723.1

### Specifications

Model Number	WRTP54G-NA
Standards	IEEE 802.3, IEEE 802.3u, 802.11b, 802.11g
Channels	11 Channels (most of North, Central, and South America) 13 Channels (most of Europe and Asia)
Transmit Power	18 dBm for 802.11b and 16 for 802.11g @ Normal Temp Range
Ports	One 10/100 RJ-45 Internet Port, Four 10/100 RJ-45 Network Ports, Two Standard Phone Ports, One Power Port, One Antenna Port
Buttons	Reset
Cabling Type	RJ-45 Ethernet Category 5, RJ-11 Standard Phone Cable
LEDs	INTERNET, PHONE2, PHONE1, WIRELESS, ETHERNET(1-4), POWER
UPnP able/cert	Certified
Network Protocols	TCP/IP
Voice Protocols	Session Initiation Protocol (SIP v2)
Voice Codecs	G.711 a-law, G.711µ-Law, G.726, G.729 A/B/E, and G.723.1
Ringer Equivalence Number (REN)	5 REN per RJ-11 port
On-Hook Voltage	40-50 VRMS
FXS Port Impedance	600 ohm resistive or 270 ohm + 750ohm/150nF complex impedance
Ring Frequency	25 Hz
Ring Voltage	40 - 50 Vrms

### Environmental

Dimensions	170 mm x 170 mm x 31 mm
Unit Weight	0,39 kg
Power	External, 12V DC
Certifications	FCC, CE, cUL
Operating Temp.	0°C to 40°C
Storage Temp.	-20°C to 60°C
Operating Humidity	10% to 85%, Non-Condensing
Storage Humidity	5% to 90% Non-Condensing
Warranty	1-Year Limited

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### Minimum Requirements

- Celeron 500 MHz or Faster PC
- 128 MB of RAM
- High-Speed Internet Connection (cable/DSL/other)
- Activated Voice Over IP Service from Your Internet Phone Service Provider
- Regular Analog Touch-tone Telephone or Fax Machine for Voice Service
- Ethernet or Wireless Network Adapter
- CD-ROM Drive
- Internet Explorer 5.0 or Netscape 6

### Package Contents

- Wireless-G Broadband Router with 2 Phone Ports
- Power Adapter
- Setup CD
- Network Cable

Check the product package and contents for specific features supported. Specifications are subject to change without notice. Linksys is a registered trademark or trademark of Cisco Systems, Inc. and/or its affiliates in the U.S. and certain other countries. Copyright © 2007 Cisco Systems, Inc. All rights reserved. Other brands and product names are trademarks or registered trademarks of their respective holders.

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