Model 4400

Zoom AP+2 Wireless-G

Wi-Fi® 802.11g and 802.11b

Access Point + Wireless Gaming Adapter + Repeater

■ **3 Wireless Products in One:**

- **Access Point** links all your wireless-enabled computers and other devices to your network

- **Gaming Adapter** for easy connection of PlayStation®, XBOX® and other game stations

- **Repeater** extends the range of your wireless network

■ Works in all 802.11g, 802.11b, and mixed networks

■ **Zoom 125 Speed Booster** - for faster than normal and enhanced 802.11g

■ **High Security -** WPA (WiFi® Protected Access) and WEP*

■ **2 Moveable External Antennas** - Extend the range and boost performance

■ Product works with computers, game stations, ADSL modems, cable modems, hubs, routers, and other devices with Ethernet ports

■ 2-Year Manufacturer Warranty

* WPA security applies only for use as an Access Point.

Speeds up to 125 Mbps!

Speed Comparison

Zoom **125**

g

b

Popular 802.11 Technologies
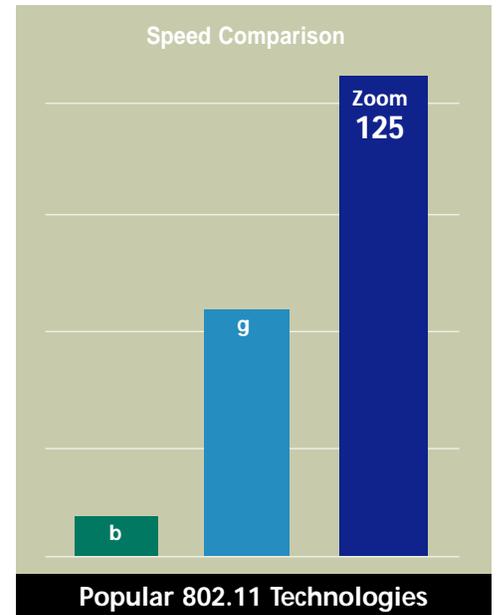
The 802.11g Wi-Fi standard transmits at a maximum of 54 Mbps. Higher effective speeds, like 125 Mbps, can be achieved by using special compression algorithms and techniques like packet aggregation and frame bursting. The maximum speed you get depends on the type of data being sent and the actual data rate of your 802.11g connection.

Speeds up to **125** Mbps

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System Requirements

A computer with a browser and Ethernet port is required to setup a gaming adapter, a repeater, or an access point with security.

Package Contents

- Wireless-G AP+2
- CD with User Manual in English, French, German, Greek, Portuguese, Spanish, and Turkish
- Quick Start Manual (7 languages)
- Power cube
- Ethernet cable

Works with

XBOX® AND PlayStation®

CE

Model 4400
AP+2
Specifications

Standards	• 802.11b/g (Wireless LAN)
Interface	• 10/100 Mbps RJ45 Ethernet port
Product Configuration as a:	• Ethernet to wireless bridge for attaching any Ethernet-equipped product to either Ad-Hoc (peer to peer) wireless networks or wireless networks in Infrastructure mode. **or a** • Wireless access point for providing wireless access to a network. **or a** • Repeater to extend the range of a wireless network **or a** • DHCP server and access point for a network with only wireless clients
Security	• 64/ 128 bit, WEP (Wired Equivalent Privacy) with Pass Phrase • WPA (WiFi® Protected Access) with Pass Phrase
Radio Technology	• 802.11b: Direct Sequence Spread Spectrum (DSSS) • 802.11g: Orthogonal Frequency Division Multiplexing (OFDM)
Antennas	• Two adjustable omni-directional dipole antennas, each with 2 dBi minimum gain
Transmission Rates	• 1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, 54 Mbps • Zoom 125 Speed Booster for up to 125 Mbps effective rate*
Range Coverage	• Indoor : Up to 100 Meters (328 Feet) depending on environment • Outdoors: Up to 350 Meters (1155 Feet) depending on environment
Receiver Sensitivity	• 54 Mbps: Typical -68 dbm @ <10 % PER (Packet Error Rate) • 11 Mbps: Typical -82 dbm @ <8% PER (Packet Error Rate)
LED Status Indicators	• Power • Network Link/Activity • Wireless Activity: Transmit (TX) / Receive (RX)
Wireless LAN Frequency Range	• IEEE 802.11b/g • US (FCC) Channel 1 through 11 • Canada (IC) Channel 1 through 11 • Europe (ETSI) Channel 1 through 13
Dimensions (L x W x H)	• 143 x 122 x 30.3 mm / 5.63 x 4.80 x 1.19 inches
Weight	• 150 grams / 0.40 LBS

Power Supply	• Input Output
	  - US: 100-120 AC 50-60 Hz 5 VDC, 1A
	  - EU: 200-240 AC 50-60 Hz 5 VDC, 1A

Temperature	• Operating 0 to 45 C (32 to 104 F) • Storage -40 to 70 C (-40 to 158 F)
Humidity	• 5 - 95% non-condensing
Power Consumption	• 3.5 watts maximum
Transmit Power (typical)	• > +15 dBm
Compliance	• FCC (MPE) IEEE C95.1, 15B, Part 15C • CE • Canada RSS-210 • EN60950-1:2001, EN300-328-v1.4.1 (2003-04) • AS/NZ 4771:2000 • EN301-489-1 v1.4.1 (2002-08), • EN301-489-17 V1.2.1 (2002-08) • EN55022:1998+A1:2000+A2:2003, Class B • EN61000-3-2:2000 Class A, • EN61000-3-3:1995+A1:2001, EN61000-4-2:1995+A1:1998+A2:2001 • EN61000-4-3:1996+A1:1998+A2:2001, • EN61000-4-4:1995 +A1:2001+A2:2001, • EN61000-4-5:1995+A1:2001, • EN61000-4-6:1996+A1:2001, • EN6100-4-11:1994+A1:2001
Software Drivers	• Windows 98, 98SE, Me, 2000, XP

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