

# Effortlessly connect any PC to your wireless network



## 802.11b Wireless USB Adapter

**MA101**

With **NETGEAR**'s MA101 802.11b Wireless USB Adapter you can easily network all of your employees at 11 Mbps speed without installing any new wires. Since the MA101 is USB powered, there is no need to open the case of the PC. Set up a new wireless network or extend your existing workplace to remote sites in your building in no time, and escape the hassles and expense of Ethernet cabling. Your workforce can immediately use your wireless network to access e-mail, file servers, printers, and cable/DSL Internet access.

Standards-based 802.11b technology plus Wired Equivalent Privacy (WEP) encryption provide your wireless network with the highest level of reliability and privacy. The MA101 is equipped with automatic speed adjustment to extend the communication range for longer distances from other 802.11b PC nodes or 802.11b access points. Designed for PCs running Windows 98, Me, and 2000, the MA101 performs with the vast majority of PCs, supports Plug and Play installation, and includes a 5-year limited warranty.



The Standard for  
Wireless Fidelity.



Help is there when you need it!

NETGEAR provides free, 7x24

telephone and e-mail technical

support in English, with selected

local language support during

office hours.

### **EFFECTIVE**

Let's you easily connect a PC to your wireless network at a high-speed 11 Mbps, and eliminates the cost and time of installing new cabling. USB makes the installation as simple as Plug and Play.

### **SECURE**

Includes 40/64 and 128 bit WEP encryption for maximum network privacy.

### **EASYGOING**

Supports Windows 98/Me/2000 operating systems and is compatible with the vast majority of PCs.

### **DEPENDABLE**

Developed with reliable 802.11b standards-based technology and has a 5-year limited warranty.

[www.NETGEAR.com](http://www.NETGEAR.com)

**NETGEAR**<sup>®</sup>

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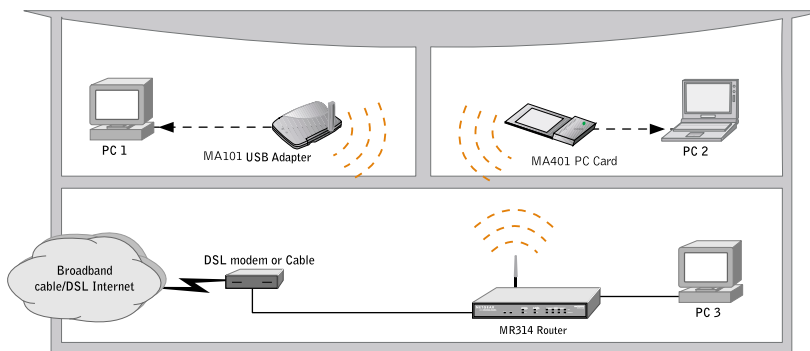
**In-Country Phone Support**

(24x7 phone support in English, local language support during office hours.)

Australia	1800-787-638	Korea	00308-11-0319
Austria	00800-06384327 (00800-0-NETGEAR)	Netherlands	0800-023-0981
Denmark	808-82179	New Zealand	00800-1233-4566
Canada	1-888-NETGEAR	Norway	800-12041
Finland	0800-111-036	Singapore	001-800-1233-4566
France	0800-77-17-53	Sweden	0200-298-298
Germany	00800-06384327 (00800-0-NETGEAR)	Switzerland	00800-0638-4327 (00800-0-NETGEAR)
Hong Kong	001-800-1233-4566	United Kingdom	020-7216-0014
Japan	0120-66-5402	United States	1-888-NETGEAR
		All Other Countries	+1 801-236-8499

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**T E C H N I C A L S P E C I F I C A T I O N S**

Network Standard	IEEE 802.11b USB 1.1 Specification WECA Wi-Fi compliant	
Radio Data Rate	11/5.5/2/1Mbps	
Wireless Medium	Direct Sequence Spread Spectrum (DSSS)	
Frequency Band	2.4GHz Frequency Band: 2.412 – 2.462GHz (North America) 2.412 – 2.472GHz (Europe ETSI) 2.412 – 2.484GHz (Japan) 2.457 – 2.472GHz (France) 2.457 – 2.462GHz (Spain)	
Modulation Technique	DBPSK@1Mbps, DQPSK@2Mbps, CCK@5.5Mbps and 11Mbps	
Wired Equivalent Privacy (WEP)	40/64/128-bit data encryption	
Operating Channels	11 channels for US and Canada 13 channels for ETSI and Japan	
Operating Range	Indoor environment: 11Mbps – 175 feet (53 meters) 5.5Mbps – 265 feet (81 meters) 2Mbps – 400 feet (122 meters) 1Mbps – 500 feet (152 meters)	Outdoor environment: 11Mbps – 850 feet (259 meters) 5.5Mbps – 1200 feet (365 meters) 2Mbps – 1320 feet (402 meters) 1Mbps – 1650 feet (503 meters)
Antenna	Dipole Antenna	
Receive Sensitivity (8% PER)	-84dBm@11Mbps (8% PER) -87dBm@5.5Mbps (8% PER) -89dBm@2Mbps (8% PER) -91dBm@1Mbps (8% PER)	
Max. Output Power	13dBm	
Drivers	Windows 98/2000 and Millennium	
Certification	FCC Part 15 (North America) CE (Europe – Germany, France and UK) C-tick (Australia) Telec & JATE (Japan)	
System Interface	USB 1,1	
Operating Environment	Temperature: 0–40_ (operating) -20–70_ (storage) Humidity (non-condensing): 10–90% RH	
Dimension (L x W x H)	107 x 87 x 24mm	
Weight	67g	
Warranty	5 years	

**System Requirements:**

Available USB Port  
 Windows 98/Me/2000  
 2 Mbytes of available disk space



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