

DWL-122



- Works with Windows XP/2000/Me/98SE, or Mac OS X (10.2x, 10.3.2)
- Data Encryption (64,128-bit WEP)
- For Laptop or Desktop PCs
- Easy Plug & Play Installation
- Compact Design

## **Air™ Wireless Network** 2.4GHz Wireless **USB Adapter**

D-Link, the industry leader in wireless networking, introduces DWL-122, part of the D-Link Air™ family of award-winning wireless products. The DWL-122 is a USB 1.1 Wireless Adapter capable of maximum wireless signal rates of up to 11Mbps<sup>1</sup>, giving your computer the ability to connect to a wireless network at home, at the office or at any wireless hotspot. Now, you can stay connected wherever you are and wherever you go.

The DWL-122 is Wi-Fi compliant, meaning that it can connect and interoperate with other 802.11b compliant wireless routers, access points and adapters. The DWL-122 connects to any available USB port on a laptop or desktop Windows and Macintosh-based computer and also includes a standard USB extension cable. With its (included) USB extension cable, the DWL-122 can be positioned virtually anywhere at a workstation

to achieve the best available wireless signal reception — whether that workstation is in your office, on your deck or patio, by the pool, at the local coffee shop, or in an airport terminal while waiting to board your next flight.

The Wireless USB Adapter works with Apple Mac OS X (10.2x, 10.3.2), Microsoft Windows XP, Windows 2000 and other Windows operating systems to ensure that you'll be up and running on a wireless network in just a matter of seconds. The DWL-122 also features 64- or 128-bit WEP encryption providing a level of security for the data that you wirelessly transmit.

Using its default settings, the DWL-122 automatically connects to and communicates with other D-Link wireless products as soon as it's active.



# Air™ Wireless Network

## 2.4GHz Wireless

# USB Adapter

DWL-122



### SPECIFICATIONS

#### Standards

- IEEE 802.11b
- USB 1.1

#### Supported Operating Systems

- Windows 98SE
- Windows Me
- Windows 2000
- Windows XP
- Mac OS X (10.2x, 10.3.2)

#### Signal Rates<sup>1</sup>

With Automatic Fallback

- 11Mbps
- 5.5Mbps
- 2Mbps
- 1Mbps

#### Encryption

64-, 128-bit WEP

#### Media Access Protocol

CSMA/CA with ACK

#### Frequency Range

2.4GHz to 2.462GHz, ISM band

#### Range<sup>2</sup>

Up to 328 feet Indoors

#### Modulation Techniques

- Barker (1Mbps/0db)
- Barker (2Mbps/3db)
- CCK (5.5Mbps/5.5db)
- CCK (11Mbps/8.5db)

#### Modulation

- Direct Sequence Spread Spectrum
- 11 - Chip Barker Sequence

#### Transmit Output Power

- 16dBm (40mW)

#### Receiver Sensitivity

- -81dBm for 11Mbps@ 8% PER (Packet Error Rate)
- -86dBm for 2Mbps@ 8% PER (Packet Error Rate)

#### Operating Voltage

5VDC +5%

#### Antenna Type

Omni Directional Integrated Microstrip Antenna

#### Temperature

- Operating: 32°F to 131°F (0°C to 55°C)
- Storing: 4°F to 167°F (-20°C to 75°C)

#### Humidity

- 10% - 95% non-condensing, operating
- 5% - 95% non-condensing, storage

#### Certifications

FCC part 15b

#### Dimensions

- L=3.2 inches (82.5mm)
- W=1 inches (27.2mm)
- H=0.5 inches (12mm)

#### Weight

.02 lbs (4.4g)

#### Warranty

1 Year

The D-Link Air™ DWL-122 is an IEEE 802.11b wireless USB adapter. The DWL-122 provides wireless access for your USB-enabled desktop or laptop. Its compact design allows you to take it wherever you go.



<sup>1</sup> Maximum wireless signal rate based on IEEE Standard 802.11b specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead lower actual data throughput rate.

<sup>2</sup> Environmental conditions may adversely affect wireless signal range.

