

SIMULTANEOUS  
DUAL  
BAND **N**

**2** WIRELESS  
NETWORKS  
IN ONE ROUTER



## **XTREME N™** DUAL BAND GIGABIT ROUTER

Optimized for HD video streaming

Superior performance over  
competing draft N routers

Intelligent QoS prioritization  
technology



### **BENEFITS OF DUAL BAND**

The D-Link® Xtreme N™ Dual Band Gigabit Router (DIR-825) is the latest addition to the award-winning Xtreme N product family. The dual band technology in the DIR-825 supports 2.4GHz & 5GHz wireless signals at the same time. This allows you to check e-mail and browse the Internet using the 2.4GHz band while simultaneously streaming High-Definition (HD) movies and other media on the 5GHz band. The DIR-825 is designed for users looking to get a true HD wireless connection that can handle multiple HD video streams throughout the house, while being backward compatible with your existing 802.11g and 802.11a products.

### **5GHz TECHNOLOGY**

The DIR-825 utilizes the 5GHz band, which is the best technology available for wirelessly streaming multiple HD videos across your network. It achieves this by operating in a clear wireless band to avoid interference that may slow down and limit the range of current wireless technologies like 802.11g¹.

### **WHY INTELLIGENT QoS IS BETTER!**

With some routers, all wired and wireless traffic, including Voice over IP (VoIP), Video Streaming, Online Gaming, and Web browsing are mixed together into a single data stream. By handling data this way, applications like Streaming Video could pause or delay. With the D-Link Intelligent QoS Prioritization Technology, wired and wireless traffic are analyzed and separated into multiple data streams. These streams are then categorized by sensitivity to delay, so applications like VoIP, Video Streaming, and Online Gaming are given priority over Web browsing. This enables multiple applications like Streaming Video and Gaming to stream smoothly to your TV or PC.

Delivering best-in-class performance, network security, and coverage, the Xtreme N Dual Band Gigabit Router (DIR-825) is the ideal centerpiece for your wireless network in the home or office.

### WHAT THIS PRODUCT DOES

Create a dual band wireless network to share high-speed Internet access with computers, game consoles, or media players from greater distances around your home or office.

### XTREME N™ ROUTER BENEFITS

- + Intelligent QoS technology prioritizes Internet traffic as well as wired and wireless network traffic
- + Xtreme N technology allows for farther home coverage<sup>1</sup>
- + Secure your wireless network using advanced WPA™ or WPA2™ encryption
- + Supports Good Neighbor Policy – will not interfere with other wireless networks
- + Backward compatible with 802.11g and 802.11a devices including game consoles and digital media players

### RECOMMENDED SYSTEM REQUIREMENTS

For Optimal Wireless Performance:

- + Use with Xtreme N Dual Band USB Adapter (DWA-160)

### MINIMUM SYSTEM REQUIREMENTS

- + Computer with:
  - Windows Vista®, Windows XP® SP2<sup>2</sup> or Mac OS® X (v10.4)<sup>4</sup>
  - Internet Explorer v6 or Mozilla Firefox v1.5
  - CD-ROM
  - Network Interface Card
- + For Internet Access
  - Cable or DSL Modem
  - Subscription with an Internet Service Provider (ISP)

### PACKAGE CONTENTS

- + Xtreme N Dual Band Gigabit Router
- + 2 Detachable Antennas
- + CAT5 Ethernet Cable
- + Power Adapter
- + CD-ROM<sup>5</sup> with
  - Installation Wizard
  - Product Documentation

### TECHNICAL SPECIFICATIONS

#### STANDARDS

- + IEEE 802.11n (draft 2.0)
- + IEEE 802.11g
- + IEEE 802.11a
- + IEEE 802.3
- + IEEE 802.3u

#### INTERFACE TYPE

- + 4 Gigabit LAN Ports
- + 1 Gigabit WAN Port
- + 1 USB Port (for Windows® Connect Now)

#### ANTENNA TYPE

- 2 External Reverse SMA Dualband Antennas

#### SECURITY

- + WPA™ & WPA2™ (Wi-Fi Protected Access)
- + Wi-Fi Protected Setup™ (WPS) - PIN & PBC

#### ADVANCED FIREWALL FEATURES

- + Network Address Translation (NAT)
- + Stateful Packet Inspection (SPI)
- + VPN Pass-through / Multi-sessions PPTP / L2TP / IPsec

#### DEVICE MANAGEMENT

Internet Explorer® v6 or Later; Mozilla® Firefox® v1.5 or Later; or other Java-enabled Browsers

#### CERTIFICATIONS

- + FCC Class B
- + IC

#### DIMENSIONS

- + Item (WxDxH): 4.6" x 7.6" x 1.2"
- + Packaging (WxDxH): 9.6" x 11.1" x 3.1"

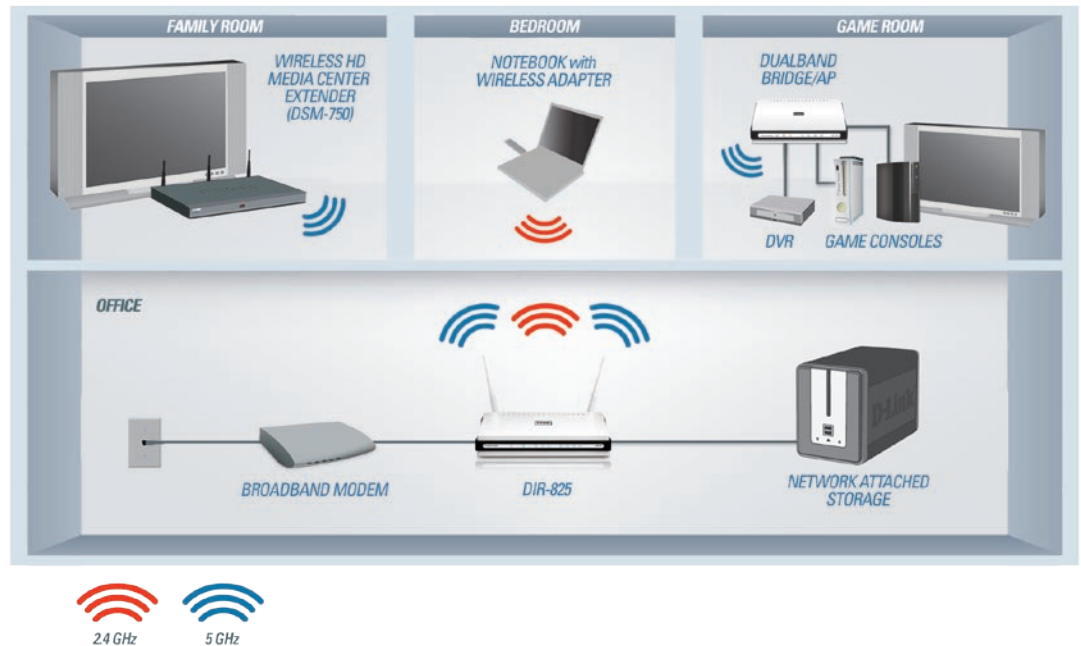
#### WEIGHT

- + Item: 0.7 lbs
- + Packaging: 2.0 lbs

#### WARRANTY

- 1-Year Limited<sup>2</sup>

### YOUR NETWORK SETUP



<sup>1</sup> Maximum wireless signal rate derived from IEEE Standard 802.11g, 802.11a, and draft 802.11n 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. Environmental factors will adversely affect wireless signal range. Wireless range and speed rates are D-Link relative performance measurements based on the wireless range and speed rates of a standard Wireless G product from D-Link. Maximum throughput based on D-Link's draft 802.11n devices.

<sup>2</sup> 1-Year Limited Warranty available only in the USA and Canada.

<sup>3</sup> Computer must adhere to Microsoft's recommended System Requirements.

<sup>4</sup> The software included with this product is not Mac-compatible.

<sup>5</sup> Latest software and documentation are available at <http://support.dlink.com>.

This product is based on IEEE draft 802.11n specifications and is not guaranteed to be forward compatible with future versions of IEEE 802.11n specifications. Compatibility with draft 802.11n devices from other manufacturers is not guaranteed. All references to speed and range are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

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