

SIMULTANEOUS
DUAL
BAND **N**

2 WIRELESS
NETWORKS
IN ONE ROUTER



XTREME N® DUO™ MEDIA ROUTER

Optimized for HD video streaming

Superior performance over
competing draft N routers

Intelligent QoS prioritization
technology



BENEFITS OF DUO

The D-Link® Xtreme N® Duo Media Router (DIR-855) is the latest addition to the award-winning Xtreme N product family. The Duo technology in the DIR-855 supports dual band (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-855 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-855 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.

SHAREPORT™²

D-Link has created SharePort™ technology to bring more flexibility to your network. With SharePort technology, you can connect a USB printer and share it throughout your network. You can also connect a USB storage device, providing network storage for everyone to share.

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.



THINK GREEN

D-Link Green™ devices are about providing eco-friendly alternatives without compromising performance. They are designed to help conserve energy, protect our environment from harmful substances, and reduce waste by using recyclable packaging.

CONSERVES ENERGY

- + Automatically powers down ports that have no link
- + Budgets power output for different Ethernet cable lengths
- + Includes wireless LAN scheduling, which can shut down your wireless network when not in use for further power savings
- + Reduces energy consumption by using an Energy Star® qualified power adapter

PROTECTING THE ENVIRONMENT

- + Complies with the European Union's RoHS directive that restricts the use of certain hazardous materials
- + Uses recyclable packaging to help reduce waste that goes into the environment

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® SP2¹ or Mac OS® X (v10.4)²
 - Internet Explorer v6 or Mozilla Firefox v2.0
 - CD-ROM
 - Network Interface Card
- + For Internet Access
 - Cable or DSL Modem
 - Subscription with an Internet Service Provider (ISP)

PACKAGE CONTENTS

- + Xtreme N Duo Media Router
- + 3 Detachable Antennas
- + CAT5 Ethernet Cable
- + Power Adapter
- + CD-ROM³ 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 SharePort™ and Windows® Connect Now)

ANTENNA TYPE

- 3 External Reverse SMA Dualband Antennas

SECURITY

- + WPA™ & WPA2™ (Wi-Fi Protected Access)
- + Wi-Fi Protected Setup™ (WPS)
 - Push Button

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® v2.0 or later; or other Java-enabled Browsers

CERTIFICATIONS

- + FCC Class B
- + IC
- + Wi-Fi®

DIMENSIONS

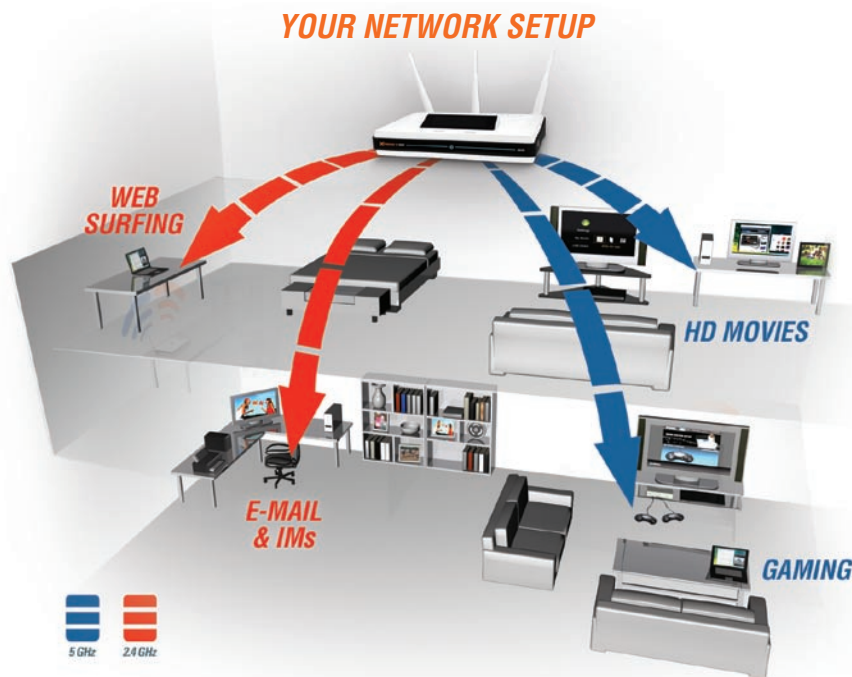
- + Item (WxDxH): 4.6" x 7.6" x 1.2"
- + Packaging (WxDxH): 9.6" x 11.1" x 3.1"

WEIGHT

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

WARRANTY

- 1-Year Limited³



Powered by an ENERGY STAR® qualified adapter for a better environment

WIRELESS

N

¹ 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.

² SharePort technology requires firmware version 1.01 or later.

³ 1-Year Limited Warranty available only in the USA and Canada.

⁴ Computer must adhere to Microsoft's recommended System Requirements.

⁵ The software included with this product is not Mac-compatible.

⁶ 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.

©2007-2009 D-Link Corporation/D-Link Systems, Inc. All rights reserved. D-Link, the D-Link logo, D-Link Green, the D-Link Green logo, Xtreme N, the Xtreme N logo, Duo, the Duo logo, and SharePort are trademarks or registered trademarks of D-Link Corporation or its subsidiaries in the United States and/or other countries. Other trademarks or registered trademarks are the property of their respective owners.