

D-Link®

up to **6x** range¹
14x speed¹

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.



XTREME N™ DUO™ MEDIA ROUTER

New MediaBand™ technology - 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 dualband (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 products.

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.

MEDIABAND TECHNOLOGY

The DIR-855 utilizes MediaBand™ (5GHz), 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.

Delivering best-in-class performance, network security, and coverage, the Xtreme N Duo Media Router (DIR-855) is the ideal centerpiece for your wireless network in the home or office.

WIRELESS

N

DIR-855

WHAT THIS PRODUCT DOES

Create a dualband 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 coverage¹
- + Duo technology allows for dualband wireless streaming (2.4GHz & 5GHz simultaneously)
- + 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 devices including game consoles and digital media players

RECOMMENDED SYSTEM REQUIREMENTS

For Optimal Wireless Performance:
+ Use with Xtreme N Adapters (DWA-552, DWA-556, DWA-643, or DWA-652)

MINIMUM SYSTEM REQUIREMENTS

- + Computer with:
 - Windows Vista®, Windows XP® SP2² or Mac OS® X (v10.4)⁴
 - 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 Duo Media Router
- + 3 Detachable Antennas
- + CAT5 Ethernet Cable
- + Power Adapter
- + CD-ROM⁵ with
 - Installation Wizard
 - Product Documentation

TECHNICAL SPECIFICATIONS

STANDARDS

- + IEEE 802.11n (draft 2.0)
- + IEEE 802.11g
- + 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

3 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
- + Wi-Fi®

DIMENSIONS

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

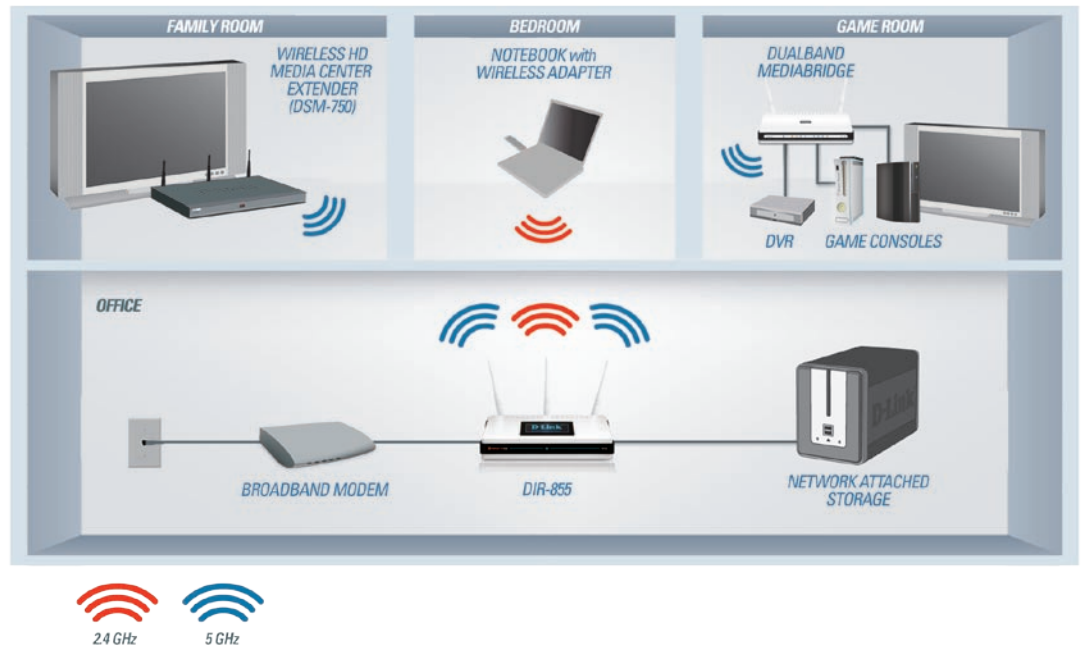
WEIGHT

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

WARRANTY

1-Year Limited²

YOUR NETWORK SETUP



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

³ Computer must adhere to Microsoft's recommended System Requirements.

⁴ The software included with this product is not Mac-compatible.

⁵ 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.