



Concurrent N900 (450+450 Mbps) Dual Band for HD video streaming and web surfing



Flawless wireless HD video streaming, gaming & Internet calls



USB 3.0 for 10x faster streaming than USB 2.0 and SD Card slot for accessing and sharing HD media

## AMPLIFI™ Dualband HD Media Router

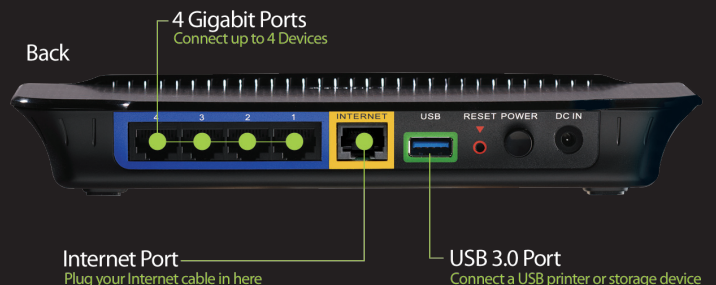
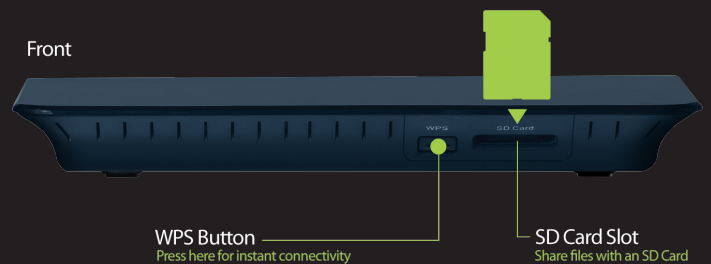
DIR-857

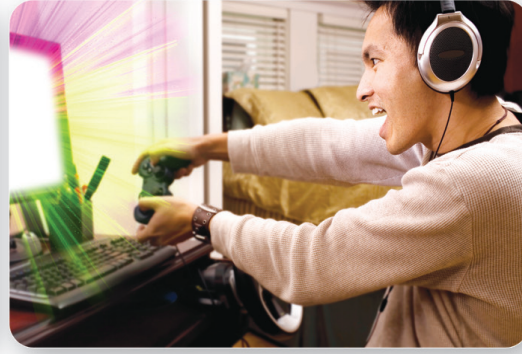
### What it does

Experience the unprecedented wireless speeds of D-Link's AMPLIFI Dualband HD Media Router, which features concurrent dual-band wireless performance with 450 + 450 Mbps transfer speeds for flawless HD video streaming and quick file transfers. Built in Quality of Service (QoS) features optimize your network to ensure that your multimedia playback is smooth and your online gaming is lag free.

### Instant file sharing with SharePort

It's easy to share your photos, music, and videos; with D-Link's SharePort™ Plus technology, you can connect a high-speed USB 3.0 storage drive to provide instant, simultaneous shared access to it for your network.<sup>1</sup> You can also connect a multi-function USB printer to share printing, scanning, and faxing functions, allowing you to use a single printer for your entire home or office.





## Features

- + N900 concurrent dual-band wireless (2.4 / 5 GHz) for uninterrupted simultaneous HD media streaming and file downloads
- + IEEE 802.11n/g/b/a compliant
- + High-speed Gigabit Ethernet ports
- + Dual active firewalls – Stateful Packet Inspection (SPI) and Network Address Translation (NAT)
- + Enhanced security with WPA2-PSK wireless encryption
- + Includes Advanced Encryption Standard (AES)
- + D-Link Intelligent QoS technology for enhancing Internet access and performance
- + Advanced parental controls
- + Supports UPnP, LLTD, DDNS and WPS PBC/PIN
- + SharePort™ Plus technology for simultaneous shared access to a USB 3.0 storage drive or USB multi-function printer
- + Built-in DLNA ready Media Server
- + Supports IPv6
- + D-Link Green technology

## Think Green

While this may look like your average router, it's not. This is a D-Link Green™ router, which is as good for your wallet as it is for the environment. The DIR-857 is designed to conserve energy, protect our environment from harmful substances and reduce waste by using recyclable packaging. To learn more, visit [www.dlinkgreen.com](http://www.dlinkgreen.com)

### D-Link Green™ Technology

- + Power saving by link status
- + Power saving by cable length
- + Power saving by wireless LAN scheduling

## Technical Specifications

### STANDARDS

- IEEE 802.11n
- IEEE 802.11g
- IEEE 802.11b
- IEEE 802.11a
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3ab
- USB 3.0

### DEVICE INTERFACES

- 802.11n/g/b/a wireless LAN
- Four 10/100/1000 BASE-T Gigabit LAN ports
- 10/100/1000 BASE-T Gigabit WAN port
- USB 3.0 port
- SD Card slot

### WIRELESS DATA RATE

- Concurrent dual-band wireless for up to 450 + 450 Mbps transfer <sup>2</sup>

### WIRELESS LAN SECURITY

- WPA & WPA2 (Wi-Fi Protected Access)
- 64/128-bit WEP encryption
- WPS connection

### QoS

- QoS engine for prioritizing traffic
- WMM for WLAN traffic

### SHAREPORT™ PLUS SUPPORT <sup>3</sup>

- Share an external USB hard drive or flash memory drive through a SAMBA file share
- Multiple users can access shared storage at the same time
- Share a multifunction USB printer

### LEDS

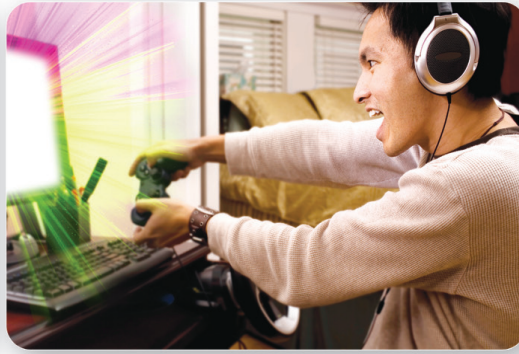
- Power/Status
- Internet

### DEVICE MANAGEMENT

- UPnP support
- DDNS support
- Integrated Wireless Security Wizard and Wireless Protected Setup (WPS) support
- Windows Connect Now (WCN) support
- Web-based management using Internet Explorer 6 or higher, or other Java-enabled browser
- Online firmware update check
- E-mail notifications for triggered events
- UPnP™ AV Server for streaming media to compatible media players <sup>4</sup>
- Multi-language support

### DIMENSIONS (L x W x H)

- 212 x 160 x 34.4 mm  
(8.4 x 6.3 x 1.4 inches)



## Package Contents

- + DIR-857 AMPLIFI Dualband HD Media Router
- + Easy install CD and manual
- + Quick install guide and warranty documents
- + Power adapter 12V DC / 2A
- + Ethernet cable – CAT5

## System Requirements

- + Cable or DSL Modem with Ethernet port
- + Network interface card
- + CD-ROM drive
- + Windows 7/Vista/XP SP3 or higher for setup wizard<sup>5</sup>
- + Microsoft Internet Explorer 6 or higher, or FireFox 1.5 or higher

## Optional Products

Combine the AMPLIFI Dualband HD Media Router with these D-Link products for a complete solution:

- + **DSM-380: The Boxee Box by D-Link**  
Unleash the Internet on your HD TV
- + **DWA-160: Wireless USB Adapter**  
Add a wireless connection to your computer via USB adapter
- + **DNS-325: Network Storage**  
Add storage to your network & back up files

## Technical Specifications (cont.)

### WEIGHT

- 442 grams (0.97 lb)

### OPERATING TEMPERATURE

- 0 to 40 °C (32 to 104 °F)

### OPERATING HUMIDITY

- 10% to 90% non-condensing

### STORAGE HUMIDITY

- 5% to 95% non-condensing

### CERTIFICATIONS

- FCC Class B
- CE
- IC
- C-Tick
- IPv6 Ready
- Wi-Fi Certified
- Wi-Fi Protected Setup (WPS)
- WMM
- RoHS Compliant
- Compatible with Windows 7



<sup>1</sup> SD Card not included.

<sup>2</sup> Maximum wireless signal rate derived from IEEE Standard 802.11 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 802.11n devices.

<sup>3</sup> Software included is not Mac-compatible.

<sup>4</sup> D-Link does not guarantee full compatibility or proper playback with all codecs. Playback capability depends on the codec support of the UPnP AV media player.

<sup>5</sup> Computer must adhere to Microsoft's recommended system requirements.