

# D-Link®

with **HD FUEL™**

amPLiFi  
DUAL BAND  
**N+**  
900



HD Fuel™ for uninterrupted wireless HD video streaming, gaming and Internet calls



Simultaneous dual band connectivity for HD video streaming and web surfing at the same time - N900 (450 + 450 Mbps)<sup>1</sup>



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

amPLiFi™

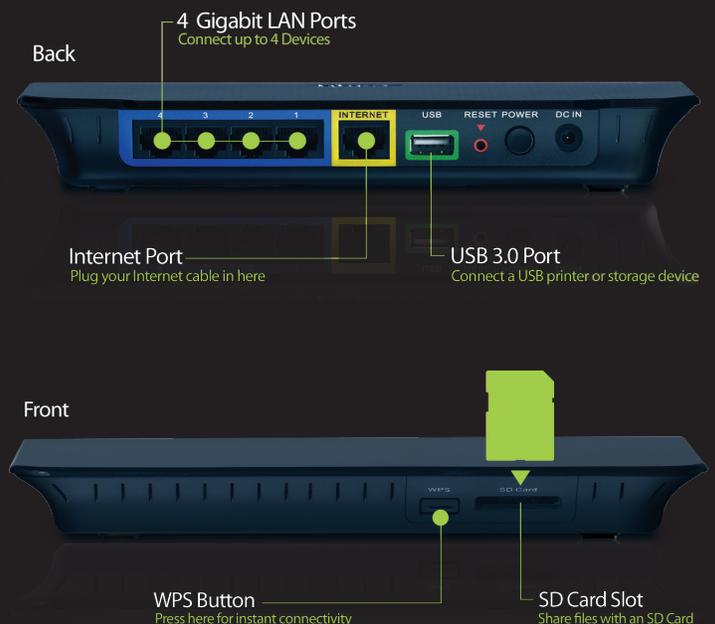
## HD Media Router 3000

Highest dual-band performance

DIR-857

Give your wireless devices the bandwidth they crave. Give them SmartBeam.

The HD Media Router 3000 combines industry-leading data transfer rates of up to 900 Mbps<sup>1</sup> with HD Fuel technology to prioritize bandwidth for maximum performance of not only your favorite digital entertainment devices, but all your devices, all at once. The result: incredibly crisp, uninterrupted 1080p HD video streams, seamless, lag-free online gaming, ultra-fast downloads of large media files and uninterrupted Skype® calls. And with SharePort Plus USB 3.0 you can connect or stream from any USB device. Unbeatable connectivity and speed, unreal reliability and range – the HD Media Router 3000 stands alone as the most powerful home networking solution ever created. Period.



## Give your Digital Entertainment the Bandwidth it Deserves. Give it HD Fuel

Build a wireless home network capable of delivering the bandwidth to handle 1080p HD video streams, large media file downloads, and online gaming to multiple devices, simultaneously. And do it all completely uninterrupted and free of annoying glitches or lags common to 'standard' routers. The HD Media Router 3000 is dual-band and delivers up to 900Mbps, which means data transfers occur on two separate 450 Mbps 'channels.' With HD Fuel to automatically manage traffic flow, the HD Media Router 3000 is able to direct all your entertainment traffic (Netflix, Vudu, Xbox 360) to one channel, and all your 'general purpose' bandwidth usage to another - web surfing, Skype, downloads, iPads, iPhones, network security cameras, media servers, and more. With HD Fuel you can even manually prioritize bandwidth by both application and device. HD Fuel is the ultimate traffic management system and best way to stay in complete command of your digital entertainment.

## Dual Band = Unlimited Connectivity for all your Devices

Dual-band wireless means you get two N450 frequency (2.4GHz and 5GHz) channels of bandwidth operating simultaneously, with each frequency transferring up to 450 Mbps. Power your iPad®, iPhones®, security cameras, multiple laptops and all your favorite wireless devices on one 450 Mbps channel, and run your high definition audio and video digital entertainment center and gaming systems on the other.

## Gigabit Ethernet Ports = Unlimited Home Networking

The HD Media Router 3000 also offers Gigabit Ethernet ports to ensure that up to four (4) of your favorite Ethernet-enabled devices get the most out of their wired connection. HDTVs, the Boxee Box by D-Link, Xbox 360, Blu-Ray Players – connect them all, all at once. The HD Media Router 3000 organizes and manages your traffic flow and gets the most out of your broadband connection for seamless 1080p HD video streams and online gaming without annoying glitches or lags.

## Connect to Absolutely Anything – All-at-Once

HDTVs, the Boxee Box by D-Link, Blu-Ray Players, Playstation 3 – the HD Media Router 3000 has been engineered to not only deliver seamless connectivity to your favorite Ethernet-enabled devices,

but ANY device. Connect printers, NAS servers - even security cameras - SharePort Plus USB 3.0 lets you connect to and stream from any USB device. We've included an SD card slot for uploading HD media files like video and photos and with DLNA standard, the HD Media Router can connect to any device, automatically.

## Advanced Home Networking Simple Setup

High-performance entertainment devices. Wireless signals anywhere in your home. Multiple laptops. Network storage systems. iPads, iPhones – It used to be that designing a home network capable of handling so many devices required some serious hardware and some seriously messy installation. Not with Amplifi - the HD Media Router 3000 has not only been engineered with the power to handle all of your digital demands, but with the smarts to put it at the tip of your fingers. HD Media Routers offer Wireless G backwards compatibility and Wi-PnP technology for simple wireless connections through a USB drive. With DLNA, the HD Media Router 3000 not only connects to any Ethernet-equipped device, but virtually any device, automatically. With push-button connectivity and 128-bit security encryption standard, a secure home network is as simple as plug and play.

## 128-bit Security Encryption

The HD Media Router 3000 protects your network with 128-bit AES data security encryption – the same technology used in E-commerce or online banking. Create your own network name and password or put it at the tip of your fingers with 'Push Button Security' standard on every Amplifi device. With hassle-free plug and play installation, and advanced Wi-Fi protected setup, the HD Media Router 3000 is not only one of the fastest routers available, its also one of the safest.

## Get Ready for the Future - IPv6 Equipped

With the growing number of Internet-enabled applications requiring IP addresses, the supply of IP addresses under the current Internet Protocol version 4 (IPv4) system has already been exhausted. The IPv6 protocol solves this network addressing exhaustion by creating more IP addresses, but migration from IPv4 to IPv6 is not necessarily automatic. No worries - This D-Link product is IPv6 Certified and ready for the future. IPv6 allows for intelligent self-detect and router setup.



## Features

- + Up to 900Mbps<sup>1</sup> data transfer rates (450Mbps + 450Mbps)
- + Dual-band 2.4GHz and 5GHz
- + HD Fuel™ QoS to prioritize high-bandwidth applications
- + High bandwidth Gigabit ports for connecting Ethernet-enabled devices
- + SharePort™ Plus Technology for connecting USB 3.0 (USB Printer/Media NAS /UPnP AV Server)
- + SD Card Slot accessing media, pictures and much more
- + Wi-Fi Protected Setup (WPS) Push Button
- + True Gigabit Routing Connectivity
- + UPnP Support
- + Wi-PnP for easy Wireless Setup
- + Supports IPv6
- + Ultra-secure 128-bit security encryption at the touch of a button
- + 24/7 Installation Support<sup>2</sup>
- + 1-Year Limited Warranty<sup>3</sup>

## 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 HD Media Router 3000 is designed to conserve energy, protect our environment from harmful substances and reduce waste by using recyclable packaging. D-Link Green devices provide eco-friendly alternatives without compromising performance. 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
- + Complies with the EU RoHS directive that restricts the use of certain hazardous materials
- + Uses soy ink and recyclable packaging to reduce harmful environmental waste

## Technical Specifications

### STANDARDS

- IEEE 802.11n
- IEEE 802.11g
- IEEE 802.11a
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3ab

### PHYSICAL INTERFACE

- 4 Gigabit Ethernet Ports
- 1 WAN Port
- USB 3.0
- 1 SD Card Slot
- 1 WPS Push Button

### ANTENNA TYPE

- Internal Antennas

### SECURITY

- WPA-Personal
- WPA2-Personal

### ADVANCED FIREWALL FEATURES

- Network Address Translation (NAT)
- Stateful Packet Inspection (SPI)
- VPN Pass-through

### LEDs

- Power
- WLAN (Wireless Connection)

### POWER

- DC 12V

### OPERATING TEMPERATURE

- 30° to 104° F (0° to 40° C)

### OPERATING HUMIDITY

- 10% to 95% non-condensing

### CERTIFICATIONS

- FCC
- IC
- Wi-Fi
- IPv6

### DIMENSIONS (L x W x H)

- 8.4" x 6.3" x 1.4"
- (21.3cm x 16cm x 3.6cm)

### WEIGHT

- 0.75 lb (341.5 g)

### WARRANTY

- 1-Year Limited Warranty<sup>3</sup>



Your router receives different kinds of bandwidth requests all the time...



<sup>1</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 Wireless N devices.

<sup>2</sup> 24/7 Basic Installation Support is available only in the USA for the first 30 days from date of original purchase.

<sup>3</sup> 1-Year Limited Warranty available only in the USA and Canada.

<sup>4</sup> Latest software and documentation are available at <http://support.dlink.com>

<sup>5</sup> The software included with this product is not Mac-compatible.

<sup>6</sup> Computer must adhere to Microsoft's recommended System Requirements.

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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For more help deciding which product to choose, scan this QR code with your Smartphone

### Package Contents

- + HD Media Router 3000 (DIR-857)
- + Ethernet Cable
- + CD-ROM<sup>4</sup>
- + Power Adapter
- + Quick Install Guide

### Minimum System Requirements

Computer with:

- + Windows<sup>®</sup> 7<sup>1</sup>, Windows Vista<sup>®6</sup>, Windows<sup>®</sup> XP SP2<sup>2</sup>, Windows<sup>®</sup> 2000<sup>3</sup>, or Mac OS<sup>®</sup> X (v10.4)<sup>5</sup>
- + Internet Explorer<sup>®</sup> v6 or Mozilla<sup>®</sup> Firefox<sup>®</sup> v3.0
- + CD-ROM Drive
- + Network Interface Card

For Internet Access:

- + Cable or DSL Modem
- + Subscription with Internet Service Provider (ISP)

For optimal wireless, use with D-Link xtreme N<sup>®</sup> USB Adapter (DWA-160)

DIR-857