

## Product Highlights

### Latest Wireless AC Technology

Enjoy combined wireless speeds of up to 750 Mbps and increased range thanks to the latest 802.11ac wireless technology

### Dual-band Wi-Fi for Seamless Performance

Access your network via two concurrent wireless bands for seamless performance no matter what you are doing

### Simple, Secure Setup

Set up the DIR-809 in no time with the web-based setup wizard, and create a secure wireless connection easily using Wi-Fi Protected Setup (WPS) or WPA



## DIR-809

# Wireless AC750 Dual Band Router

## Features

### High-Speed Connectivity

- The latest 802.11ac wireless specification delivers blazing fast wireless connectivity with increased range and reliability<sup>1</sup>
- 10/100 Fast Ethernet WAN port for speedy Internet access
- Four 10/100 Fast Ethernet LAN ports give you high-speed wired connectivity

### Flexible Bandwidth

- Concurrent dual-band wireless for combined connections of up to 750 Mbps

### Multiple Operating modes

- Support Router mode, AP mode & Repeater mode for flexible Wi-Fi network deployment.

### Setup and Management

- Web browser-based setup and configuration
- Setup wizard to guide you through the configuration process
- Firewall and access control options to prevent attacks and restrict access to your network

The DIR-809 Wireless AC750 Dual Band Router is an affordable yet powerful wireless networking solution which combines the latest high-speed 802.11ac Wi-Fi specification with dual-band technology and fast Ethernet ports to deliver a seamless networking experience. The increased range and reliability of wireless AC technology reaches farther into your home, and the DIR-809's advanced security features keep your network and data safe from intruders.

## High-Speed Wired and Wireless Connectivity

The DIR-809 Wireless AC750 Dual Band Router uses the latest high-speed wireless technology to bring you lightning-fast Wi-Fi speeds of up to 750 Mbps, and increased range. Enjoy streaming media, Internet phone calls, online gaming, and content-rich web surfing throughout your home. In addition, 10/100 fast Ethernet ports give you solid, dependable wired performance for devices such as media centers and gaming consoles.

## Dual Band Wireless for Seamless Performance

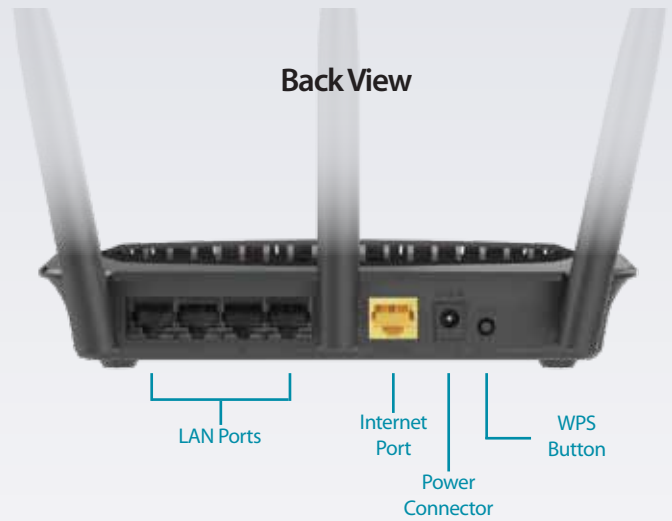
The DIR-809 Wireless AC750 Dual Band Router features dual-band wireless, allowing you to operate two concurrent, high-speed Wi-Fi bands for ultimate wireless performance. Surf the web, chat, and play online games on the 2.4 GHz band, while simultaneously streaming digital media on the 5 GHz band. What's more, each band can operate as a separate Wi-Fi network, giving you the ability to customize your network according to your connectivity needs. You can even configure a guest zone to give visitors Internet access without giving them access to the rest of your network.

## Multiple Operating Modes

DIR-809 supports multiple operation modes (Router, Access Point, Repeater) to enable various wireless applications to give users a more dynamic and comprehensive experience when using their AP. Multiple operating mode also helps you easily to build wireless network for hard-to-wire locations or eliminating wireless dead zone.

**Easy to Set Up, Easy to Secure**

Sharing your Internet connection doesn't have to be a complicated process; just open a web browser to access the setup wizard and follow the easy step-by-step instructions to get started. Implement WPA/WPA2 wireless security in minutes with the wireless network setup wizard, or use Wi-Fi Protected Setup (WPS), which establishes a secure connection to new devices without the need to enter settings or create passwords. In addition, the built-in firewall protects against malicious attacks from the Internet, and access control features allow you to restrict access to your network.



**Technical Specifications**

**General**

Device Interfaces	<ul style="list-style-type: none"> <li>• IEEE 802.11ac wireless LAN<sup>1</sup></li> <li>• IEEE 802.11 a/b/g/n wireless LAN</li> </ul>	<ul style="list-style-type: none"> <li>• 10/100 fast Ethernet Internet port</li> <li>• Four 10/100 fast Ethernet LAN ports</li> </ul>
LEDs	<ul style="list-style-type: none"> <li>• Power</li> <li>• Internet</li> <li>• WLAN</li> </ul>	<ul style="list-style-type: none"> <li>• LAN (x4)</li> <li>• WPS</li> </ul>
Antenna Type	<ul style="list-style-type: none"> <li>• Three fixed external antennas</li> </ul>	
Operating Frequency	<ul style="list-style-type: none"> <li>• 2.4 GHz band: 2400 - 2483.5 MHz</li> </ul>	<ul style="list-style-type: none"> <li>• 5 GHz band: 5150 - 5725 MHz</li> </ul>
Standards	<ul style="list-style-type: none"> <li>• IEEE 802.11ac</li> <li>• IEEE 802.11n</li> <li>• IEEE 802.11g</li> </ul>	<ul style="list-style-type: none"> <li>• IEEE 802.11b</li> <li>• IEEE 802.11a</li> <li>• IEEE 802.3u</li> </ul>
Minimum Requirements	<ul style="list-style-type: none"> <li>• Windows 8/7/Vista/XP SP3, or MAC OS X 10.4 or higher</li> <li>• Internet Explorer 9, Firefox 12.0, Chrome 20.0, Safari 4.0, or other Java-enabled browser</li> </ul>	<ul style="list-style-type: none"> <li>• Network Interface Card</li> <li>• Cable or DSL Modem</li> <li>• Subscription with an Internet Service Provider</li> </ul>

**Functionality**

Security	<ul style="list-style-type: none"> <li>• WPA &amp; WPA2 (Wi-Fi Protected Access)</li> </ul>	<ul style="list-style-type: none"> <li>• WPS (Wi-Fi Protected Setup)</li> </ul>
Advanced Features	<ul style="list-style-type: none"> <li>• Web setup wizard</li> <li>• DMZ (Demilitarized Zone)</li> </ul>	<ul style="list-style-type: none"> <li>• Firewall - Network Address Translation (NAT)</li> <li>• Wireless Repeater</li> </ul>

**Physical**

Dimensions	<ul style="list-style-type: none"> <li>• 189.95 x 132.97 x 8.11 mm (7.48 x 5.24 x 0.32 inches)</li> </ul>	
Weight	<ul style="list-style-type: none"> <li>• 228.6 grams (8.06 ounces)</li> </ul>	
Power	<ul style="list-style-type: none"> <li>• Input: 100 to 240 V AC, 50/60 Hz</li> </ul>	
Temperature	<ul style="list-style-type: none"> <li>• Operating: 0 to 40 °C (32 to 104 °F)</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: -20 to 65 °C (-4 to 149 °F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>• Operating: 10% to 90% non-condensing</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: 5% to 95% non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>• ANATEL</li> <li>• NCC</li> </ul>	<ul style="list-style-type: none"> <li>• CCC</li> <li>• BSMI</li> </ul>
Multiple operating mode	<ul style="list-style-type: none"> <li>• Router mode , Access Point Mode, Repeater mode</li> </ul>	

# DIR-809 Wireless AC750 Dual Band Router

Order Information	
<i>Part Number</i>	<i>Description</i>
DIR-809	Wireless AC750 Dual Band Router

<sup>1</sup> Maximum wireless signal rate derived from draft IEEE 802.11ac and IEEE 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 802.11n devices.

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