

**EXO | AX****AX5400 WI-FI 6 ROUTER****DIR-X5460****Features****High-Speed Connectivity**

- 802.11ax wireless specification delivers blazing-fast wireless connectivity with increased range and reliability
- Dual-band wireless speeds of up to 5,400 Mbps (600 Mbps + 4,800 Mbps)
- Gigabit Ethernet WAN and 4 x LAN ports

**Ultimate Router for the Connected Home**

- Concurrent dual-band wireless for connections up to 5,400 Mbps<sup>2</sup>
- 6 simultaneous streams, 1024 QAM and OFDMA revolutionise network efficiency - great for device-dense smart and connected homes
- 1024 QAM and 160 MHz contiguous channel width for turbocharged speeds up to 2.1 times faster than 11ac Mbps, over larger areas
- BSS Coloring increases range and reduces interference in “noisy” Wi-Fi environments<sup>1</sup>
- More bandwidth to connect all your smart home and IoT devices – without affecting data-intensive applications like 4K streaming and VR gaming

**Voice Assistant Compatibility**

- Command your router’s functionality with your voice using Alexa or the Google Assistant
- Enable and disable your Wi-Fi guest zone, check login credentials, and reboot the system hands-free

The AX5400 Wi-Fi 6 Router brings next-generation Wi-Fi technology into your home, giving you the quantum leap in capacity and bandwidth with incredible combined wireless speeds of up to 5,400 Mbps. It is designed with the future in mind, to cope with the most bandwidth-demanding applications such as Ultra-HD 4K/8K video streaming and VR gaming, as well as the ever-increasing number of smart home IoT devices in the home.

**Mind-Blowing Speed and Range**

The AX5400 Wi-Fi 6 Router brings a host of new technologies to create the best wireless and wired networking experience to date. It comes with 1024 QAM to boost throughput to devices by up to 25% and 160 MHz contiguous channel width for even more bandwidth. All this adds up to incredible combined speeds of up to 5,400 Mbps (600 Mbps + 4,800 Mbps). Built-in Power Amplifiers and beamforming extend the reach of your Wi-Fi and direct the signals where they need to go.

**Exceptional Capacity and Unprecedented Network Efficiency**

The new OFDMA (Orthogonal Frequency Division Multiple Access) technology boosts not only network capacity but also range and speed by improving overall network efficiency. BSS Coloring makes transmissions more unique by ‘colouring’ them with their unique code resulting in less interference and more range in congested Wi-Fi environments. Target Wake Time (TWT) schedules transmissions for client devices efficiently, meaning they know when to be ready for data, and when to take a break, increasing your devices battery life.

**Easy to Setup and Manage**

Setup is quick and easy with the free D-Link Wi-Fi app. Follow the on-screen step-by-step instructions to get everything up and running in no time. Automatic firmware updates ensure that the AX5400 Wi-Fi 6 Router stays up-to-date with the latest features. Profile-based parental control allows you to control when devices have access to the Internet. It even integrates voice assistant compatibility for Amazon Alexa and Google Assistant so you can control your network with voice commands<sup>3</sup>.

# DIR-X5460

## AX5400 Wi-Fi 6 Router

Technical Specifications		
General		
Device Interfaces	<ul style="list-style-type: none"> <li>One 10/100/1000 Mbps Gigabit Ethernet WAN port</li> <li>Four 10/100/1000 Mbps Gigabit Ethernet LAN ports</li> <li>IEEE 802.11 ax<sup>1</sup>/ac/n/g/b/a wireless LAN</li> </ul>	<ul style="list-style-type: none"> <li>One SuperSpeed USB 3.0 port</li> <li>One USB 2.0 port</li> </ul>
LEDs	<ul style="list-style-type: none"> <li>Power</li> <li>Internet</li> <li>USB 2.0</li> </ul>	<ul style="list-style-type: none"> <li>Wi-Fi 2.4GHz</li> <li>Wi-Fi 5GHz</li> <li>USB 3.0</li> </ul>
Antenna Type	<ul style="list-style-type: none"> <li>Six external antennas</li> </ul>	
Wi-Fi Data Rate	<ul style="list-style-type: none"> <li>2.4 GHz</li> <li>Up to 600 Mbps<sup>2</sup></li> </ul>	<ul style="list-style-type: none"> <li>5 GHz</li> <li>Up to 4800 Mbps<sup>2</sup></li> </ul>
Standards	<ul style="list-style-type: none"> <li>IEEE 802.11ax<sup>1</sup></li> <li>IEEE 802.11ac</li> <li>IEEE 802.11n</li> <li>IEEE 802.11g</li> <li>IEEE 802.11b</li> </ul>	<ul style="list-style-type: none"> <li>IEEE 802.11a</li> <li>IEEE 802.3u</li> <li>IEEE 802.3ab</li> <li>IEEE 802.3az</li> </ul>
Minimum Requirements	<ul style="list-style-type: none"> <li>Windows 10/8.1/8/7/Vista or MAC OS X 10.6 or higher</li> <li>Supports Internet Explorer 10, Firefox 28.0, Chrome 28.0, Safari 6.0, and up</li> </ul>	<ul style="list-style-type: none"> <li>Network Interface Card</li> <li>Cable/DSL modem or other Internet service provider equipment with Ethernet port</li> </ul>
Functionality		
Security	<ul style="list-style-type: none"> <li>WPA2/WPA3 wireless security</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>D-Link Wi-Fi App Setup and Configuration</li> <li>QoS (Quality of Service)</li> <li>DMZ (De-militarized Zone)</li> </ul>	<ul style="list-style-type: none"> <li>Firewall - Network Address Translation (NAT)</li> <li>Guest Zone</li> <li>Multicast Support</li> </ul>
Physical		
Dimensions	<ul style="list-style-type: none"> <li>241.35 x 338.80 x 211.32 mm (9.5 x 13.3 x 8.32 in)</li> </ul>	
Weight	<ul style="list-style-type: none"> <li>732 g (1.6 lbs)</li> </ul>	
Power Adaptor	<ul style="list-style-type: none"> <li>Input: 100 to 240 V AC, 50 / 60 Hz</li> </ul>	<ul style="list-style-type: none"> <li>Output: 12 V DC, 2A</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>FCC</li> <li>IC</li> <li>NCC</li> </ul>	<ul style="list-style-type: none"> <li>CE</li> <li>RCM</li> </ul>

<sup>1</sup> The DIR-X5460 may not support all of the mandatory features, established in the IEEE 802.11ax specifications

<sup>2</sup> Maximum wireless signal rate derived from IEEE Standard 802.11ac and 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, may lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

<sup>3</sup> Not all functionality is supported for voice control



For more information: [www.dlink.com](http://www.dlink.com)

**D-Link European Headquarters.** D-Link (Europe) Ltd., First Floor, Artemis Building, Odyssey Business Park, West End Road, South Ruislip HA4 6QE, United Kingdom. Specifications are subject to change without notice. D-Link is a registered trademark of D-Link Corporation and its overseas subsidiaries. All other trademarks belong to their respective owners. ©2020 D-Link Corporation. All rights reserved. E&OE.

Updated August 2020

**D-Link**<sup>®</sup>