

Product Highlights

All-in-One Complete Internet Solution

A total solution that helps you connect, share and enjoy your Internet connection with a single device that's easy to set up and manage

Latest Wireless AC Technology

Enjoy combined wireless speeds of up to 750 Mbps¹ 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



GO-DSL-AC750

Wireless AC Dual-Band ADSL2+ Modem Router

Features

High-Speed Connectivity

- The latest 802.11ac wireless specification delivers blazing fast wireless connectivity with increased range and reliability
- RJ11 ADSL port with built-in ADSL2+ modem
- 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 Mbps¹
- QoS engine to prioritise important traffic and deliver uninterrupted bandwidth

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 dlinkgo GO-DSL-AC750 Wireless AC Dual-Band ADSL2+ Modem Router is an affordable yet powerful all-in-one wireless networking solution which combines the latest high-speed 802.11ac Wi-Fi specification with dual-band technology, Fast Ethernet ports and built-in ADSL2+ modem to deliver a seamless Internet experience. The increased range and reliability of wireless AC technology reaches farther into your home, and the GO-DSL-AC750's advanced security features keep your network and data safe from intruders.

High-Speed Wired and Wireless Connectivity

The GO-DSL-AC750 Wireless AC Dual-Band ADSL2+ Modem Router uses the latest high-speed wireless technology to bring you lightning-fast combined Wi-Fi speeds of up to 750 Mbps¹, and increased range. Enjoy streaming media, Internet phone calls, online gaming, and content-rich web surfing throughout your home. In addition, four Fast Ethernet ports give you solid, dependable wired performance for devices such as media centres and gaming consoles. The built-in Quality of Service (QoS) engine allows you to prioritise important traffic to ensure that your favorite applications are receiving optimal bandwidth.

Dual-Band Wireless for Seamless Performance

The GO-DSL-AC750 Wireless AC Dual-Band ADSL2+ Modem 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 customise 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.

Wireless AC Dual-Band ADSL2+ Modem Router

Easy to Set Up, Easy to Secure

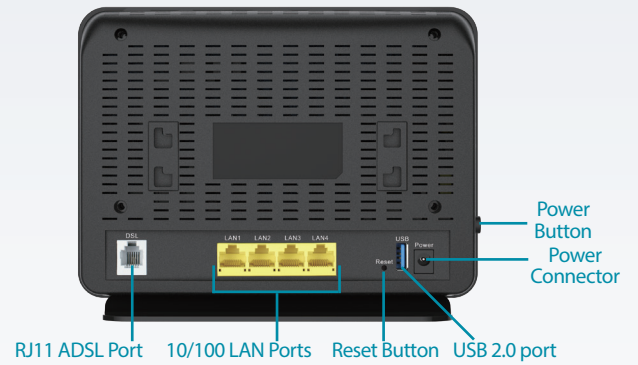
Sharing your Internet connection doesn't have to be a complicated process; just open a web browser to access the setup wizard and follow the easy step-by-step instructions to get started. Implement WPA/WPA2 wireless security in minutes with the wireless network setup wizard, or use Wi-Fi Protected Setup (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.

control access to the USB drive, so you can share your music with everyone but keep your personal files private. You can also connect a USB multifunctional printer to share printing and scanning functions, allowing a single printer to be shared with an office or a household.

Share a Storage Drive or Printer Easily

Connect a USB storage device to the GO-DSL-AC750 to create a shared storage space, making it easy to share music, movies and documents between computers and devices connected on your home network. Plug in a USB hard drive and access your library of videos and music from your laptop. You can even customise your shared storage space by creating separate accounts to

Back View



Technical Specifications

General

Device Interfaces	<ul style="list-style-type: none"> • 802.11 ac/n/g/b/a Wireless LAN • Four 10/100 LAN ports 	<ul style="list-style-type: none"> • RJ-11 ADSL port • USB 2.0 port
ADSL Standards	<ul style="list-style-type: none"> • ADSL Standards <ul style="list-style-type: none"> • Multi-mode • Full-rate ANSI T1.413 Issue 2 • ITU-TG.992.1 (G.dmt) Annex A/C/I • ITU-TG.992.2 (G.lite) Annex A/C • ITU-T G.994.1 (G.hs) 	<ul style="list-style-type: none"> • ADSL 2 Standards <ul style="list-style-type: none"> • ITU-T G.992.3 (G.dmt.bis) Annex A/J/K/L/M • ADSL 2+ Standards <ul style="list-style-type: none"> • ITU-T G.992.5 Annex A/L/M
ATM/PPP Support	<ul style="list-style-type: none"> • Multiprotocol over AAL5 (RFC 1483/2684) • Bridged and routed Ethernet encapsulation • LLC encapsulation • VC-based multiplexing • ATM Forum UNI3.1/4.0 PVC (up to 8 PVCs) • ATM Cell Format ITU-T Rec. I.361 • ATM Adaption Layer Type 5 (AAL5) • PPPoA (RFC2364) 	<ul style="list-style-type: none"> • PPPoE (RFC2516) • PPP Link Control Protocol (RFC 1661) • Internet Protocol Control Protocol (RFC 1332) • PPP Authentication Protocol (RFC 1334) • PPP Challenge Handshake Authentication Protocol (RFC 1994) • Microsoft PPP CHAP extensions (RFC 2433)
WLAN Specifications	<ul style="list-style-type: none"> • Combine wireless speeds of up to 750 Mbps (300 Mbps + 433 Mbps)¹ • Wi-Fi Protected Setup (WPS) • Multiple SSIDs • Automatic rate adapting • WAN scheduling 	<ul style="list-style-type: none"> • Auto channel selection • WMM support • 64-bit & 128-bit WEP • WPA-PSK & WPA2-PSK • MAC address filtering
Network Services	<ul style="list-style-type: none"> • IPv4 • DHCP server/client/relay • DNS relay • Dynamic DNS (DDNS) • Routing Information Protocol (RIP) v1/v2 • NAT AGLs <ul style="list-style-type: none"> • PPTP • L2TP • FTP • RTSP (RealTime Streaming Protocol) • SIP v1/v2 • IPsec • Internet Control Message Protocol (ICMP) • Virtual server (Port forwarding) • Simple Network Time Protocol (SNTP) 	<ul style="list-style-type: none"> • 802.1d MAC Bridge (up to 256*8 MAC addresses) • QoS <ul style="list-style-type: none"> • IPP/ToS <ul style="list-style-type: none"> • DSCP QoS in 4-priority queues • Application QoS in 4-priority queues • Strict priority • VLAN QoS in 4-priority queues • QoS remarking based on IPP/ToS, DSCP and 802.1p • TOS transparency through NAT • Mapping to queue according to DSCP bits and physical port <ul style="list-style-type: none"> • 802.1Q • IGMP proxy v1/v2 • IGMP snooping v1/v2/v3

Wireless AC Dual-Band ADSL2+ Modem Router

Standards	<ul style="list-style-type: none"> • IEEE 802.11ac/n/g/b/a • IEEE 802.3 	<ul style="list-style-type: none"> • IEEE 802.3u
Minimum System Requirements	<ul style="list-style-type: none"> • Microsoft Internet Explorer 6 or higher, Firefox 1.0 or higher, Safari 1.2 or higher, or other Java-enabled browser 	<ul style="list-style-type: none"> • Ethernet network interface • Subscription with an Internet Service Provider (ISP)
Functionality		
Universal Plug and Play Support	<ul style="list-style-type: none"> • UPnP based auto-configuration • UPnP based port forwarding 	<ul style="list-style-type: none"> • uPnP IGD 1.0
Security	<ul style="list-style-type: none"> • Attack Prevention <ul style="list-style-type: none"> • Port scanning & illegal packet attack • DoS Attack • SYN Flooding • Ping of Death • Teardrop • LAND attack • IP Spoofing • IP with zero length • Smurf Attack • TCP Null Scan 	<ul style="list-style-type: none"> • Stateful Packet Inspection (SPI) • Management Access Control for LAN/WAN sides • IP filtering • MAC filtering • URL filter • Demilitarised Zone (DMZ)
Device Management	<ul style="list-style-type: none"> • Web configuration • Telnet management • Webpage/X-Modem/FTP/TFTP firmware upgrade 	<ul style="list-style-type: none"> • Diagnostic tools for ADSL and IP Ping • Setup wizard
Advanced Features	<ul style="list-style-type: none"> • Multi-language web setup wizard • UPnP support • 802.1p QoS • VPN pass-through/multi-session PPTP/L2TP/IPSec 	<ul style="list-style-type: none"> • Dual Active Firewall <ul style="list-style-type: none"> • Network Address Translation (NAT) • Stateful Packet Inspection (SPI)
Physical		
Dimensions	<ul style="list-style-type: none"> • 213 x 173.2 x 52 mm (8.3 x 6.8 x 2.0 inches) 	
Weight	<ul style="list-style-type: none"> • 320.2 grams (0.7 lbs) 	
Temperature	<ul style="list-style-type: none"> • Operating: 0 to 40 °C (32 to 104 °F) 	<ul style="list-style-type: none"> • Storage: -20 to 65 °C (-4 to 149 °F)
Humidity	<ul style="list-style-type: none"> • 5 % to 95 % non-condensing 	
Certifications	<ul style="list-style-type: none"> • CE • Wi-Fi 	<ul style="list-style-type: none"> • Wi-Fi Protected Setup (WPS)

¹ Maximum wireless signal rate derived from IEEE Standard 802.11 and draft 802.11ac specifications. D-Link makes no warranties as to forward compatibility with future standards or compatibility with draft 802.11ac devices from other manufacturers. 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 may adversely affect wireless signal range.



For more information: www.dlink.com

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