

## **DIR-657** **Wireless N HD Media Router**



### **User scenarios**

- Digital Media enthusiasts that want the most flawless media streaming experience
- Home users that want to share printers, files and media on their network
- For busy households using multiple devices, simultaneously

### **Warranty**

2 years

### **Value proposition**

D-Link's Wireless N HD Media Router DIR-657 enables users to connect to the Internet and stream music, videos and High Definition media to multiple devices at the same time. With Wireless N technology, the Wireless N HD Media Router gives you the very best in speed and coverage around your home.

### **Differentiators**

- Built-in DLNA-certified Media Server to stream media around your home
- SharePort™ Plus technology: easily share a printer or USB Hard Drive with multiple users
- WLAN scheduler to switch off wireless functions when not needed
- SD card slot to share files and media over your network
- IPv6 ready: supports the future Internet

### **Product Highlights**

- Wireless N: up to 300 Mbps wireless speeds
- 4 LAN Gigabit Ethernet ports for the fastest wired connections
- 1 WAN Gigabit Ethernet port to connect to cable or ADSL modems
- SD card slot to share files and media over your network
- Built-in DLNA-certified Media Server to stream media around your home
- SharePort™ Plus technology: easily share a printer or USB Hard Drive with multiple users.
- WPS push-button to easily create an encrypted wireless network
- WLAN scheduler to switch off wireless functions when not needed
- Smart QoS (Quality of Service) technology to prioritise bandwidth for delay-sensitive applications i.e audio calls, video streaming and gaming
- IPv6 ready: supports the future Internet
- D-Link Green™: energy-saving design

## **Overview**

D-Link's Wireless N HD Media Router DIR-657 optimises your online home entertainment experience, giving you uninterrupted Internet connectivity so you can simultaneously stream music, videos and High Definition media to multiple devices. With Wireless N technology, the Wireless N HD Media Router gives you the very best in speed and coverage around your home.

### **Play, view or share your favourite music, videos and photos**

With its built-in DLNA-certified Media Server, the Wireless N HD Media Router allows you to stream media content directly onto computers, game consoles and media players like the Boxee Box by D-Link. Insert a SD card complete with your photos, music and videos in to the card slot to share content with everyone in your home. You can even share any USB device (like a Printer or Hard Drive), courtesy of D-Link's SharePort™ Plus technology across your network with family and friends.

### **Give your digital entertainment the bandwidth it needs**

With some routers, all wired and wireless traffic, including Voice over IP (VoIP), video streaming, online gaming, and web browsing are mixed together into a single data stream. By handling data this way, applications such as streaming video may not have the bandwidth they need to give you a flawless viewing experience. With D-Link's QoS technology, wired and wireless traffic is analysed and separated into multiple data streams. Different applications like voice, video, and data will be automatically detected and prioritised so that you can game, talk online with friends overseas or stream the latest films without any lag or glitches.

### **IPv6 ready**

This router is ready for the future of the Internet with support for the upcoming move from IPv4 to IPv6. It carries the IPv6 Ready Gold Logo, meaning that it not only supports the IPv6 protocol, but is also compatible with IPv6 equipment from other manufacturers. Using a dual-stack architecture, this router can handle routing for both IPv4 and IPv6 networks at the same time, so you can be assured that your router is forward and backward compatible.

### **D-Link Green™**

D-Link's Wireless N HD Media Router is part of D-Link Green™, D-Link's programme for providing eco-friendly alternatives without compromising performance. The DIR-657 supports WLAN Scheduler, which switches off the wireless network when not needed, for example at night or during working hours. Also the power consumption is further reduced with its Energy Star™ power supply.

## **Web site classification**

SF\_RouterAP\_Wireless\_Home  
SF\_RouterAP\_Router\_Home

## **Specifications**

### **Standards**

- IEEE 802.11n/g/b
- IEEE 802.3/u/ab
- USB 2.0

### **Device Interfaces**

- 1x Gigabit WAN port
- 4x Gigabit LAN ports
- WPS button
- SD card slot
- Factory reset button

### **Wireless data rate**

- Up to 300 Mbps in Wireless N mode

### **Wireless security**

- WEP 64/128-bit
- WPA/WPA2
- WPS (Wi-Fi Protected Setup)

### **Firewall features**

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

### **Quality of Service (QoS)**

- QoS Engine for traffic prioritisation
- WMM for wireless traffic

### **SharePort™ Plus**

- USB Printer/USB memory/USB Hard drive sharing
- Bi-directional support

### **LEDs**

- Power
- Internet

## **Dimensions (L x W x H)**

- 212 x 160 x 32 mm

## **Weight**

- 331 g

## **Certifications**

- DLNA
- IPv6
- CE
- C-Tick
- Wi-Fi
- WPS
- WMM

## **Meta description** {255 char max}

D-Link's Wireless N HD Media Router DIR-657 optimises your online home entertainment experience, giving you uninterrupted Internet connectivity so you can simultaneously stream music, videos and High Definition media to game consoles or media players like the Boxee Box by D-Link. With Wireless N technology, this Wireless N Router gives you the very best in speed and coverage around your home.

## **CNET description**

D-Link's Wireless N HD Media Router DIR-657 enables you to connect to the Internet anywhere in your house and stream music, videos and High Definition media. With Wireless N technology, the HD Media Router gives you the very best in speed and coverage around your home.

The DLNA-certified Media Server built-into this router allows you to stream media content directly onto computers, game consoles and media players like the Boxee Box by D-Link. Insert a SD card complete with your photos, music and videos in to the card slot to share content with everyone in your home. You can even share any USB device (like a Printer or Hard Drive), courtesy of D-Link's SharePort™ technology across your network with friends and family.

With some routers, all wired and wireless traffic, including Voice over IP (VoIP), video streaming, online gaming, and web browsing are mixed together into a single data stream. By handling data this way, applications such as streaming video may not have the bandwidth they need to give you a flawless viewing experience. With D-Link's QoS technology, wired and wireless traffic is analysed and separated into multiple data streams. Different applications like voice, video, and data will be

automatically detected and prioritised so that you can game, talk with friends online overseas or stream the latest films without any lag or glitches.

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. This D-Link product is IPv6 Certified and ready for the future.

D-Link's Wireless N HD Media Router is part of D-Link Green™, D-Link's programme for providing eco-friendly alternatives without compromising performance. It supports WLAN Scheduler, which switches off the wireless network when not needed, for example at night or during working hours. Also the power consumption is further reduced with its Energy Star™ power supply.

## **Other specifications**

UPC codes: TBC

Product:  
Dimensions: 212 (W) x 160 (D) x 32 (H) mm  
Weight: 0.332 Kg

Giftbox:  
Dimensions: TBC  
Weight: TBC

## **Additional material available**

- Datasheet
- New Product Alert
- High and low res. Images
- Sales & technical positioning presentation