XTREME N™ DUO™
WIRELESS BRIDGE/ACCESS POINT

OPTIMIZED PERFORMANCE
Stream High-Definition (HD) multimedia over a wireless connection

DUAL-BAND CONNECTION
Duo technology allows you to connect using either the 2.4 GHz or 5 GHz frequency band

GIGABIT LAN PORTS
High-speed gigabit ports give you blazing fast connections to your wired computers and devices

FLEXIBLE DUO TECHNOLOGY
The Xtreme N™ Duo™ Wireless Bridge/Access Point supports selectable dual band N (2.4 GHz or 5 GHz) wireless signals. The 2.4 GHz band being most compatible with other devices band, used for e-mail, Internet browsing, and downloading. The 5 GHz band provides the most interference free band, thus providing smoother HD multimedia streaming.

HIGH-DEFINITION PERFORMANCE
The Xtreme N Duo allows you to easily upgrade any router to support streaming of High-Definition (HD) multimedia content over a wireless connection. Connect up to four devices using the Gigabit Ethernet ports on the DAP-1522, such as game consoles, Digital Video Recorders (DVR), Network Attached Storage (NAS) devices, or Digital Media Adapters (DMA).

CONSERVE ENERGY WITH D-LINK GREEN TECHNOLOGY
The DAP-1522 employs D-Link Green technology, which helps you save energy automatically. The router detects which ports are not in use, and reduces power supplied to the ports automatically. The router also analyzes the length of the cables connected to it, and adjusts power used for each port accordingly. Both of these features combine to minimize energy use automatically without sacrificing performance.

BUILT-IN Q_0S AND TRAFFIC MANAGEMENT
Quality of Service (QoS) features allow you to assign levels of priority to different kinds of traffic, allowing you to ensure that streaming audio and video plays smoothly even while transferring files over your network. The Traffic Manager allows you to set bandwidth use based on LAN port or protocol, manage your device's bandwidth, and set rules for data transmission. It also helps you keep your network secure, by letting you deny unlisted clients to prevent unauthorized users from accessing your network.
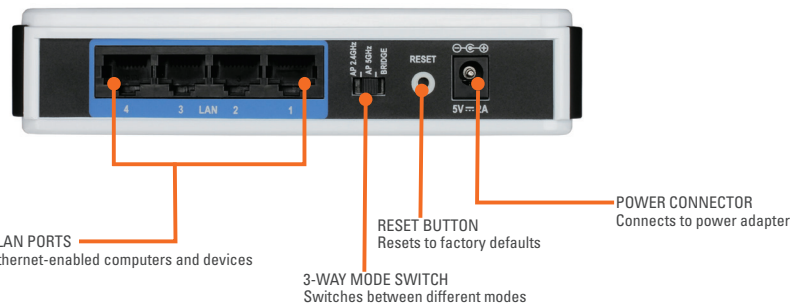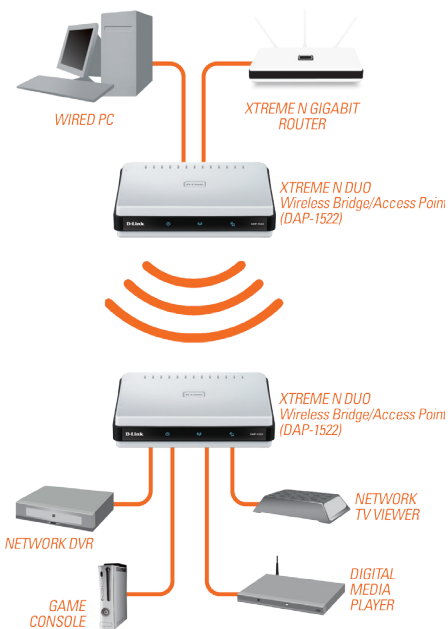
WHAT THIS PRODUCT DOES

The DAP-1522 allows you to easily upgrade any router to support streaming of High-Definition (HD) multimedia content in your home over a wireless connection. This device will let you connect normally wired Ethernet devices such as game consoles or DVRs to a wireless network using the Gigabit Ethernet ports. You can also bridge two different wired networks together to allow them to connect to each other wirelessly.

VERSATILE FUNCTIONS

- Get the best wireless technology available for viewing High-Definition (HD) videos
- Wirelessly connect all the devices in your entertainment center to your network and Internet
- Create a versatile wireless network with support for 802.11a, 802.11b/g, and 802.11n standards [1]
- Easy to install or add to any home network, allowing you to upgrade to high-performance wireless

YOUR NETWORK SETUP

WIRED PC

XTREME N GIGABIT ROUTER

XTREME N DUO Wireless Bridge/Access Point (DAP-1522)

XTREME N DUO Wireless Bridge/Access Point (DAP-1522)

NETWORK DVR

GAME CONSOLE

NETWORK TV VIEWER

DIGITAL MEDIA PLAYER

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4 10/100/1000 LAN PORTS
Connects to Ethernet-enabled computers and devices

3-WAY MODE SWITCH
Switches between different modes

RESET BUTTON
Resets to factory defaults

POWER CONNECTOR
Connects to power adapter

TECHNICAL SPECIFICATIONS

STANDARDS
- IEEE 802.11a [2]
- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11n
- IEEE 802.3

DEVICE INTERFACE
- Factory reset button
- Four 10/100/1000 LAN Ports
- Internal Antenna
- Push button for Wi-Fi Protected Setup
- 3-way switch for 2.4 GHz AP, 5 GHz AP, and Bridge mode

OPERATING FREQUENCY
- 2.4 to 2.4835 GHz
- 5.15 to 5.35 GHz
- 5.47 to 5.85 GHz

OPERATING CHANNELS
- 802.11b/g/n
  - 11 channels for USA
  - 13 channels for EU
- 802.11a/n
  - 24 non-overlapping channels for USA
  - 19 non-overlapping channels for EU

OPERATION MODES
- 2.4 GHz AP
- 5 GHz AP
- Bridge

ANTENNA TYPE
- Two Internal PIFA antennas

SECURITY
- 64/128-bit WEP
- WPA & WPA2 (Wi-Fi Protected Access)
- Wi-Fi Protected Setup (WPS) - PIN/PBC

DEVICE MANAGEMENT
- Wireless Setup Wizard
- Web-based management using Internet Explorer 6 or later, Firefox 2.0 or later, or another Java-enabled browser

LANGUAGE SUPPORT
- English/Spanish/German/Italian/French

LED STATUS INDICATORS
- Power
- Bridge
- AP

DIMENSIONS (L x W x H)
- 146.05 x 114.3 x 31.75 mm (5.75 x 4.5 x 1.25 inches)

OPERATING TEMPERATURE
- 0 to 40 ˚C (32 to 104 ˚F)

STORAGE TEMPERATURE
- -20 to 65 ˚C (-4 to 149 ˚F)

OPERATING HUMIDITY
- 10% to 90% non-condensing

STORAGE HUMIDITY
- 5% to 95% non-condensing

CERTIFICATIONS
- FCC
- IC
- CE
- C-Tick
- CSA
- WMM PS
- Wi-Fi
- IPv6 Ready
- Windows 7

[1] Maximum wireless signal rate derived from IEEE Standard 802.11a, 802.11g, 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, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.
[2] Computer must adhere to Microsoft's recommended System Requirements.
[3] Latest software and documentation are available at http://support.dlink.com