

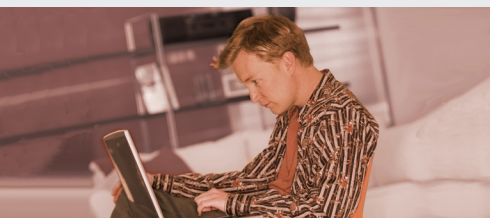


XTREME N™ DUO™ WIRELESS BRIDGE/ACCESS POINT

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

DUAL-BAND CONNECTION
Duo technology allows you to connect in either 2.4GHz or 5GHz frequencies.

HIGHLY COMPATIBLE
Works with all major operating systems.



CONSERVE ENERGY WITH GREEN ETHERNET TECHNOLOGY

DAP-1522 showcases D-Link's Green Ethernet technology, which assists in conserving energy based on the deployment of your device. Green Ethernet technology saves power by deciphering cable length to adjust its power consumption so that energy is efficiently used. Unused ports automatically enter power-saving mode to keep energy use to a minimum without sacrificing performance.

HIGH-DEFINITION PERFORMANCE

The DAP-1522 allows you to easily upgrade any router to support streaming of High-Definition (HD) multimedia content over a wireless connection. Connect up to four Ethernet-enabled devices of your entertainment center to the DAP-1522, such as game consoles, Digital Video Recorders (DVR), and Digital Media Adapters (DMA) simultaneously. You can also upgrade your network to support dual-band wireless streaming by connecting a DAP-1522 to your router.

DUO TECHNOLOGY

Xtreme N Duo is the latest addition to the award-winning Xtreme N product family. The Duo technology in the DAP-1522 supports selectable dual band N (2.4GHz or 5GHz) wireless signals. This allows you to check e-mail and browse the internet using existing 802.11g and popular draft 802.11n products or stream high-definition movies and other media on the 5GHz band. The 5GHz band helps avoid interference by providing a clearer wireless band for HD signals.

QoS AND TRAFFIC MANAGER TO PRIORITIZED TRAFFIC

The Quality of Service (QoS) feature allows users to regulate the flow of data through the DAP-1522 by assigning levels of priority to each packet. This feature comes with the option to set bandwidth use based on LAN port or on protocol. Traffic Manager provides assigns the transmission of the device's entire bandwidth as well as rules for data transmission. Option to deny unlisted clients prevents unknown user from stealing bandwidth and transfer rates high.

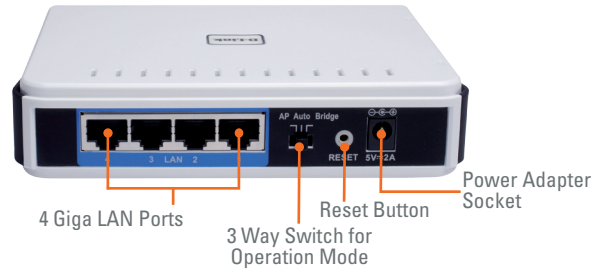
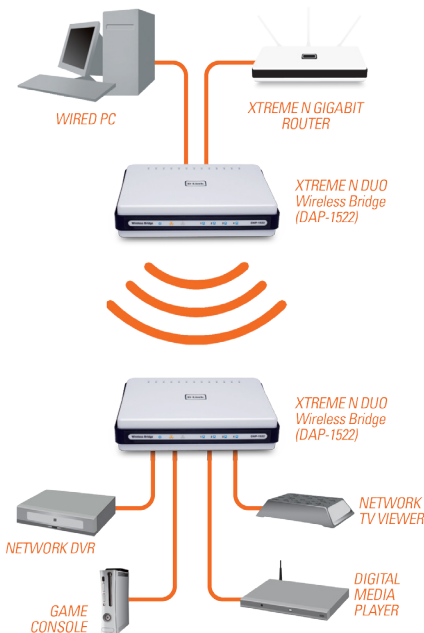
WHAT THIS PRODUCT DOES

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 'bridge' between two different physical media, for example the wireless Ethernet connection from the DVR and the wireless media of your wireless network. It transforms your wired device into a wireless one without any hassles of stringing cable wires.

VERSATILE FUNCTIONS

- To get the best wireless technology available for viewing High-Definition (HD) videos
- To wirelessly connect all the devices in your entertainment center to your network and Internet
- To help improve your wireless network and works with current 802.11 wireless (a/b/g/n) technologies¹
- It's easy to install, add, or upgrade to any home network

YOUR NETWORK SETUP



TECHNICAL SPECIFICATIONS

STANDARDS

- + IEEE 802.11a²
- + IEEE 802.11g
- + IEEE 802.3
- + IEEE 802.11b
- + IEEE 802.11n draft

+ For 802.11b, at 8% PER:

- 1Mbps: -90dBm
- 2Mbps: -90dBm
- 5.5Mbps: -88dBm
- 11Mbps: -85dBm

+ For 802.11g, at 10% PER:

- 6Mbps: -90dBm
- 12Mbps: -85dBm
- 24Mbps: -80dBm
- 48Mbps: -74dBm
- 9Mbps: -88dBm
- 18Mbps: -83dBm
- 36Mbps: -78dBm
- 54Mbps: -73dBm

+ For 802.11n(5G Band), at 10% PER:

- HT20
- 87dBm at MCS0
- 82dBm at MCS2
- 76dBm at MCS4
- 70dBm at MCS6
- 85dBm at MCS1
- 78dBm at MCS3
- 72dBm at MCS5
- 69dBm at MCS7

+ For 802.11n(2.4G Band), at 10% PER:

- HT40
- 84dBm at MCS0
- 79dBm at MCS2
- 73dBm at MCS4
- 66dBm at MCS6
- 81dBm at MCS1
- 75dBm at MCS3
- 68dBm at MCS5
- 65dBm at MCS7

DEVICE INTERFACE

- + Factory Reset Button
- + 4 Giga LAN Ports
- + Internal Antenna
- + 1 Push-Button for Wi-Fi Protected Setup™
- + 1 3-way switch for: AP, Bridge and Auto mode

OPERATING FREQUENCY

- + 2.4 to 2.4835GHz
- + 5.15 to 5.35GHz
- + 5.47 to 5.85GHz

OPERATING CHANNELS

- + 11b/g
- 11 channels for USA
- 13 channels for EU
- + 11a
- 24 non-overlapping channels for USA
- 19 non-overlapping channels for EU

RADIO AND MODULATION SCHEMES

- + DBPSK
- + 16QAM
- + DQPSK
- + DSSS
- + QPSK
- + 64QAM with OFDM
- + DBPSK
- + CCK

OPERATION MODES

- + AP
- + Bridge
- + Auto

ANTENNA TYPE

- + Internal PIFA *2

MAXIMUM TRANSMIT OUTPUT POWER

- + For 802.11a: 17dBm (typical)
- + For 802.11b: 20dBm (typical)
- + For 802.11g: 19dBm (typical)
- + For 802.11n: 17dBm (typical)

RECEIVE SENSITIVITY

- + For 802.11a, at 10% PER:
- 6Mbps: -88dBm
- 12Mbps: -86dBm
- 24Mbps: -82dBm
- 48Mbps: -72dBm
- 9Mbps: -87dBm
- 18Mbps: -84dBm
- 36Mbps: -78dBm
- 54Mbps: -71dBm

DEVICE MANAGEMENT

- + Internet Explorer® v6 or later
- + Mozilla® Firefox® v1.5 or later
- + Other Java-enabled Browsers

LEDS

- + Power
- + Status- LED: AP
- + Status- LED: Bridge
- + LAN

CERTIFICATIONS

- + FCC
- + CE
- + CSA
- + Wi-Fi 11n draft 2.0
- + IC
- + C-Tick
- + WMM PS
- + Wi-Fi Protected Setup

STORAGE HUMIDITY

- 5% to 95% non-condensing

DIAGNOSTIC LED

- + Power
- + AP
- + Bridge
- + LAN

OPERATING TEMPERATURE

- 0° to 40° C

STORAGE TEMPERATURE

- 20° to 65° C

OPERATING HUMIDITY

- 10% to 90% non-condensing

¹ Maximum wireless signal rate derived from IEEE Standard 802.11a, 802.11g, and draft 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.tw>.

This product is based on IEEE draft 802.11n specifications and is not guaranteed to be forward compatible with future versions of IEEE 802.11n specifications. Compatibility with draft 802.11n devices from other manufacturers is not guaranteed. All references to speed and range are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

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