



DBT-900AP

## Bluetooth-to-LAN Access Point

The D-Link DBT-900AP Bluetooth-to-LAN Access Point is designed to extend LAN network services to Bluetooth-enabled devices such as laptop computers and PDAs. \* This Access Point provides a new solution for wireless connection of multiple users and devices on a Bluetooth network. It enables mobile users using devices equipped with the Bluetooth technology to connect wirelessly to a local network (LAN) and the Internet.

### Standard Compliance

With Bluetooth v1.1 and IEEE 802.3u Ethernet compliance, the DBT-900AP access point provides you with wireless access to Ethernet LAN and Internet/Intranet services via a range of Bluetooth devices. The DBT-900AP allows mobile users to connect without delay when they are located in a defined Bluetooth Network area. This Bluetooth-to-LAN access point supports devices equipped with Bluetooth wireless technology, which incorporates built-in intelligence to provide security and quick installation. The DBT-900AP supports the state-of-the-art PAN Profile Bluetooth technology.\*

### Point to Multipoint Connectivity

The DBT-900AP allows multiple mobile users to connect to it simultaneously and without delay when they are within range of the access point.

### Low-Cost, High-Speed Network Access

The DBT-900AP operates at public-use radio frequencies that are plentiful and unlicensed. It provides Bluetooth wireless connectivity to Ethernet-equipped devices and systems running TCP/IP for high-speed, local network and Internet communications without the operation cost (such as telephone charges) of going through a cellular carrier.

### Access to Wide-Ranging Applications

Through its LAN interface, the DBT-900AP enables your Bluetooth users to access information services on a local area network (LAN), e-mail, file transfer, Web browsing and synchronization. Printers, scanners and storage devices connected to an Ethernet network can also be shared among Bluetooth users.

### Internet Connection

Through its Ethernet interface, the DBT-900AP can be directly connected to a broadband Internet gateway for high-speed Internet sharing among Bluetooth-enabled users. In a LAN environment, such as in an office, such Internet sharing among Bluetooth users can also be realized through the presence of a remote router on the LAN.

### Home, Business and School Use

Besides for private use at home, the DBT-900AP can also be installed at public areas such as offices, hotels, museums, airport lounges or even schools. It can be useful if you are in a hotel and want to access the Internet from different places inside the hotel or from your hotel room. This device can also be installed at school to provide access to the Internet from inside the campus.

## Features

- Bluetooth specification v1.1 (PAN Profile) compliant
- Ethernet connection with DHCP assignment
- 10/100BASE-TX Ethernet LAN port with auto-sensing 10/100Mbps speeds, auto MDI/MDIX plug-and-play connection
- Plug-and-play installation, no driver required
- LED indicators for Power, Bluetooth Connection and LAN Connectivity status
- Security function for user access authorization/authentication
- Simultaneous access to Internet/Intranet for up to 7 Bluetooth users
- Operation range up to 20 meters (Class 2)
- Works seamlessly with desktop/laptop computers and PDAs \*

# DBT-900AP

## Technical Specifications

## Bluetooth Access Point

### Emission Type

Frequency Hopping Spread Spectrum (FHSS)

### RF Frequency

2400 to 2483.5MHz (Europe & USA, except France)

### Output Power

-6 to +4dBm (Class 2)

### Modulation Type

Gaussian Frequency Shift Keying (GFSK)

### Frequency Hopping

1600hops/sec. (625us/hop)

### Receiving Sensitivity

-80dBm (Class 2) BER 10E-3

### Antenna

2dBi Gain dipole antenna

### LED Indicators

- Power
- BT (Bluetooth)
- LAN

### Connectors

- Power jack
- RJ-45 LAN jack

### Configuration Reset

Reset button

## Physical & Environmental

### Power Input

Through external power adapter

### Power Adapter

- Auto-switching 100 to 240 VAC, 50/60Hz
- 5VDC, 2A

### Dimensions

104 (L) x 63 (W) x 29 (H) mm (device only)

### Weight

100 grams (device only)

### Operation Temperature

5° to 50 °C

### Storage Temperature

-25° to 50 °C

### Humidity

5% to 95% non-condensing

### Emission

- FCC Class B
- CE Class B

### Safety

LVD (EN60950)



## Ordering Information

**DBT-900AP** Bluetooth-to-LAN Access Point

*Please specify your order as follows:*

**DBT-900AP/A** With US standard power adapter  
**DBT-900AP/B** With UK standard power adapter  
**DBT-900AP/E** With EU standard power adapter  
**DBT-900AP/N** With Australia standard power adapter



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<b>Germany</b>	TEL: 49-6196-77990	FAX: 49-6196-7799300
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<b>Japan</b>	TEL: 81-3-5434-9678	FAX: 81-3-5434-9868
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<b>Turkey</b>	TEL: 90-212-335-2525	FAX: 90-212-335-2500
<b>Israel</b>	TEL: 972-9-9715700	FAX: 972-9-971-5601
<b>Chile</b>	TEL: 56-2-232-3185	FAX: 56-2-232-0923
<b>Brasil</b>	TEL: 55-11-3094-2910	FAX: 55-11-3094-2921
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