D-Link®

Personal Air

DFM-920BT

Bluetooth Modem Wireless Kit

Includes Bluetooth 1.1. V.92 Modem & USB Bluetooth Adapter

The D-Link DFM-920BT Bluetooth Modem Wireless Kit is a convenient kit for Bluetooth users. It includes a Bluetooth-enabled V.90/92, 56Kbps analog modem and a USB Bluetooth adapter for PC . Designed for home and small office users, the kit provides desktop and notebook computers with a Bluetooth-ready dial-up connection to the Internet.

Low Cost Wireless Internet Connection

The DFM-562BT Bluetooth modem plugs into any wall phone socket, acting as a dialer when prompted by another Bluetooth enabled desktop computer. For those without WiFi at home, this modem provides a nice solution. Other applications include web access on a PDA or laptop at an unconnected location. Such a low cost and simple wireless network using Bluetooth allows home users to benefit from the flexibility of their portable devices. You can, for example, surf the Internet or access email while sitting in the garden, then from your Bluetooth-enable PC or PDA, send documents wirelessly to a Bluetooth printer.

Many mobile phones are now Bluetooth-enabled as are PDAs and notebook PCs. Desktop PCs and Macintosh with Bluetooth on the motherboard will hit the market soon, but in the interim, the DFM-920BT provides a cost-effective USB adapter to upgrade your PC to Bluetooth capability.

Low Power Design for Bluetooth Enabled Devices

The DFM-920BT offers Class 2 Bluetooth performance with a range of up to 10 meters. This is more than sufficient for use in the home or small office, yet with much lower power demands on the portable device.

Cable Free Dial-up Connection

Because the Bluetooth modem removes the need for cables between PC and telephone port, several users or PCs/PDAs can share the use of a single modem, the only thing being you must make sure that they don't access the modem at the same times. With no cable required between the user and the telephone port, accessing the Internet is vastly simplified.

Data & Fax (*) Transmission

The Bluetooth compact and lightweight modem offers a V.90/92 standard capable of 56kps Internet connection. It has a fax transfer send and receive rate of up to 14.4Kbps in addition to communications software that is compatible with AT commands.

* Fax application software such as BVRP or SuperVoice on the computer or PDA is required.

Features

DFM-562BT Bluetooth Modem

- *Bluetooth 1.1 compliant*
- *Supports ITU-T V.90 standard with receive rates of up to 56Kbps and transmit rates of up to 48Kbps.*
- *Supports V.92 functions: Quick Connect (QC), PCM upstream and V.44 data compression*
- *Seamless Wireless Personal Area Network (PAN) connectivity*
- *Supports DTMF and pulse dialing*
- *Plug-and-Play installation*
- *Built-in antenna with wireless range of up to 10 meters (33 feet)*
- *128-bit data encryption for wireless connection*

DBT-120 Bluetooth Adapter

- *Plug-and-Play installation*
- *Connects with Bluetooth-enable devices*
- *Seamless Wireless Personal Area Network (PAN) connectivity*
- *Bluetooth 1.1 compliant*
- *USB 1.1 compliant*
- *723Kbps wireless transfer rate*
- *Wireless range of up to 10 meters (33 feet)*
- *Connects to one or more Bluetooth-enabled devices simultaneously*

DFM-920BT

Technical Specifications

DFM-562BT Bluetooth Modem

Data Transmission
- ITU-T V.90/V.34/V.32 standard
- ITU-T V.92 standard with Quick Connect, PCM upstream, and
  V.44 data compression

Fax Transmission
Send/Receive G3 Fax, ITU-T V.27ter/V.29/V.17

Error Correction
MNP 2-4/V.42 LAPM

Data Compression
MNP 5/V.42 bis/V.44

RF Standard
Bluetooth 1.1 compliant (Frequency Hopping Spread Spectrum)

RF Frequency
- 2400 to 2483.5 MHz for USA, Europe, Japan
- 2446.5 to 2483.5 MHz for France

Wireless Operating Range
Up to 10 meters (33 feet) peer-to-peer

Wireless Receive Sensitivity
- 80 dBm typical across pass band under high interference
  environments

Wireless Transmit Output Power
Compliant to Class 2 or 3 requirement

Antenna
2dBi Gain

Wireless Data Encryption
128-bit encryption

Physical & Environmental

Power Input
- 9V AC/800mA
- Through linear external power adapter

Power Consumption
7.2 watts maximum

Dimensions
142mm x 108.79mm x 31mm (5.59 x 4.28 x 1.22 inches)
(device only)

Weight
200 grams (device only)

Operating Temperature
0° to 55 °C

Storage Temperature
-10° to 70 °C

Humidity
5% to 95% RH non-condensing

Emission (EMI)
- FCC Class B
- CE Class B

Telecom Certification
- FCC Part 68
- CTR-21
- A-Tick

Safety
LVD (EN 60950)

DBT-120 Bluetooth Adapter

General Functions
Supports up to 7 slave devices

Standards
- Bluetooth 1.1
- USB 1.1

Wireless Data Transfer Rates
- 723 Kbps Asymmetrical max.
- 433.9 Kbps Symmetrical max.

Wireless Data Encryption
128-bit encryption

Antenna
Meander Line Antenna

Wireless Receive Sensitivity
-80 dBm typical across pass band under high interference environments

Wireless Transmit Output Power
Compliant to Class 2 or 3 requirement

RF Technology
Frequency Hopping Spread Spectrum

RF-Wireless Frequency
- 2400 to 2483.5 MHz for USA, Europe, Japan
- 2446.5 to 2483.5 MHz for France

Wireless Operating Range
Up to 10 meters (33 feet) peer-to-peer

Physical & Environmental

Operating Voltage
5VDC +/- 10%

Power Consumption
- Maximum 62mA in transmit mode
- Maximum 43mA in receive mode
- Maximum 259uA in sleep mode

Dimensions
47 x 19 x 10 mm

Weight
78 grams (0.18 lb)

Operating Temperature
-10° to 55 °C (14° to 131 °F)

Storage Temperature
-20° to 75 °C (-4° to 167 °F)

Humidity
Up to 95%, non-condensing

Emission Certification
- FCC Class B
- CE Class B (with R&TTE)
- C-Tick

O.S. Driver Support
- Windows 98SE, 2000, ME, XP
- MacOS 10.2 and above

Bluetooth Modem Kit

ACN052 202 838

Ordering Information

DFM-920BT	Bluetooth 1.1 Modem Wireless Kit

Please specify your order as follows:

DFM-920BT/A	FCC, for Poland, Romania
DFM-920BT/CN	FCC, for China
DFM-920BT/ID	FCC, for India
DFM-920BT/JP	JA, for Japan
DFM-920BT/NZ	A-Tick, for New Zealand
DFM-920BT/SG	FCC, for Singapore
DFM-920BT/TW	FCC, for Taiwan
DFM-920BT/TH	FCC, for Thailand
DFM-920BT/PH	FCC, for the Philippines
DFM-920BT/EU	CE, for Europe
DFM-920BT/R	CE, for Austria
DFM-920BT/B	CE, for Belgium
DFM-920BT/DM	CE, for Denmark
DFM-920BT/F	CE, for Finland
DFM-920BT/FR	CE, for France
DFM-920BT/DE	CE, for Germany
DFM-920BT/GR	CE, for Greece
DFM-920BT/H	CE, for Holland
DFM-920BT/IR	CE, for Ireland
DFM-920BT/I	CE, for Italy
DFM-920BT/NW	CE, for Norway
DFM-920BT/AU	A-Tick, for Australia
DFM-920BT/SP	CE, for Portugal, Spain
DFM-920BT/S	CE, for Sweden
DFM-920BT/SS	CE, for Switzerland
DFM-920BT/UK	CE, for UK
DFM-920BT/IC	CE, for Iceland
DFM-920BT/LX	CE, for Luxemburg
DFM-920BT/AR	FCC, for Argentina
DFM-920BT/BR	FCC, for Brazil
DFM-920BT/CH	FCC, for Chile
DFM-920BT/PR	FCC, for Peru
DFM-920BT/CA	FCC, for Canada
DFM-902BT/US	FCC, for USA

D-Link®

U.S.A	TEL: 1-949-788-0805	FAX: 1-949-753-7033
Canada	TEL: 1-905-8295033	FAX: 1-905-8295095
Europe	TEL: 44-20-8731-5555	FAX: 44-20-8731-5511
Germany	TEL: 49-6196-77990	FAX: 49-6196-7799300
France	TEL: 33-1-30238688	FAX: 33-1-30238689
Benelux	TEL: 31-10-2045740	FAX: 31-10-2045880
Italy	TEL: 39-2-2900-0676	FAX: 39-2-2900-1723
Iberia	TEL: 34-93-4090770	FAX: 34-93-4910795
Sweden	TEL: 46-(0)8564-61900	FAX: 46-(0)8564-61901
Norway	TEL: 47-22-309075	FAX: 47-22-309085
Denmark	TEL: 45-43-969040	FAX: 45-43-424347
Finland	TEL: 358-9-2707-5080	FAX: 358-9-2707-5081
Singapore	TEL: 65-6774-6233	FAX: 65-6774-6322
Australia	TEL: 61-2-8899-1800	FAX: 61-2-8899-1868
Japan	TEL: 81-3-5434-9678	FAX: 81-3-5434-9868
China	TEL: 86-10-8518-2533	FAX: 86-10-8518-2250
India	TEL: 91-22-652-6696	FAX: 91-22-652-8914
Egypt	TEL: 202-62-44615	FAX: 202-62-44583
UAE	TEL: 971-4-3916480	FAX: 971-4-3908881
Turkey	TEL: 90-212-335-2525	FAX: 90-212-335-2500
Israel	TEL: 972-9-9715700	FAX: 972-9-971-5601
Chile	TEL: 56-2-232-3185	FAX: 56-2-232-0923
Brasil	TEL: 55-11-3094-2910	FAX: 55-11-3094-2921
South Africa	TEL: 27(0)1266-52165	FAX: 27(0)1266-52186
Russia	TEL: 7-095-737-3389	FAX: 7-095-737-3390
Taiwan	TEL: 886-2-2910-2626	FAX: 886-2-2910-1515
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RECYCLABLE

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