Bluetooth™ Wireless USB Printer Adapter

Connect to your USB printer wirelessly from your PDA or notebook

User Manual
F8T031
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Congratulations and thank you for purchasing the Bluetooth Wireless USB Printer Adapter (the Adapter) from Belkin. This breakthrough Adapter adds Bluetooth technology to your existing USB printer, allowing it to connect with all devices enabled with Bluetooth v1.1 technology. Wirelessly print from your PDA, desktop, or laptop computer via Bluetooth technology.

Please be sure to review this User Manual carefully to ensure that you take advantage of all the features and capabilities of your new Bluetooth Wireless USB Printer Adapter.

**Product Features**

The Bluetooth Wireless USB Printer Adapter is compliant with Bluetooth standard version 1.1 and provides:

- Compliance with Bluetooth specification v1.1 devices
- Support of USB 1.1-compliant printers*
- Operating distance of up to 100 meters
- Compact design
- Support for data rates up to 721Kbps
- Hardcopy Cable Replacement and Serial Port Profiles

*Multifunctional printers will not operate when used with this Adapter.
System Requirements

- PDA or PC enabled with Bluetooth technology
- Serial Port or Hardcopy Cable Replacement Profile support
- USB v1.1-compliant printer

Package Contents

- Bluetooth Wireless USB Printer Adapter
- User Manual
- Printing Software Utility for Pocket PC and Palm OS®
- Quick Installation Guide
- Registration Card

Supported Profiles

The services supported by your Bluetooth Wireless USB Printer Adapter are defined as “Profiles”.
Available Profiles include:
- Generic Access
- Service Discovery
- Serial Port
- Hardcopy Cable Replacement
Specifications

- **Bluetooth Compliance**: Version 1.1 Compatible to Bluetooth SPP and HCRP Profile
- **Physical Interface**: USB v1.1-compliant, A-type
- **Operating Frequency**: 2.4 to 2.4835GHz
- **Output Power**: Class I (0-20 dBm) RF
- **Data Rate**: 723/56Kbps
- **Operation Range**: 100m (333 ft.) radius indoors
- **Antenna**: Integrated
- **LED**: Bluetooth Activity, USB Status

Dimensions: 81 (W) x 81 (L) x 26mm (H)

- **Weight**: 108g
- **Operating Temp**: 0 to 50 degrees Celsius
- **Storage Temp**: 10 to 70 degrees Celsius
- **Humidity**: 5–90% non-condensing

Specifications subject to change without notice.

LEDs:

- **Bluetooth LED (Blue)**
  - On/Blinking: Bluetooth device is connected to the Adapter
  - Off: No Bluetooth devices are connected to the Adapter
- **USB LED (Amber)**
  - Fast Blinking: No printer detected
  - Slow Blinking: Printer detected
Installing the USB Printer

Please do not connect any devices other than a USB printer directly to the USB port of the Adapter.

1. With the printer powered off, connect one end of a standard USB cable to the USB B-type connector of your USB printer and connect the other end to the USB type A printer connector on the Adapter.

Note: You must have the printer driver installed in each computer you wish to print from prior to use. Go to the Control Panel in Windows and open the “Printers” folder. Select “Add a Printer” and choose a “Local Printer” (not network printer or USB printer). Then select the “Bluetooth Port” as its port.

2. Connect the included power adapter into an available power outlet. Attach the barrel plug into the power jack of the Adapter. You should see the Bluetooth and USB LED blink rapidly for three seconds and then the USB (Amber) LED will remain blinking.

3. Power on the connected USB printer.

Your Bluetooth Wireless USB Printer Adapter is now installed and ready for use.

Connecting Via Serial Port Profile

The method of connecting to the printer described below is for use of the Serial Port Profile. For example, using the Bluetooth PC Card (part number F8T002), or the Bluetooth USB Adapter (part number F8T001 or F8T003) from Belkin on Windows or devices that use WIDCOMM BTW software.

1. Double-click on the Bluetooth icon on your desktop.

2. Choose Bluetooth from the menu bar. Click “Search for devices”. The “Belkin USB Printer” icon should appear.

3. Double-click on the icon. You should see “Discovering Services”. Icons will appear symbolizing the services your device offers.
11. Right-click on the printer you pre-installed and choose "Properties".
8. Select the "Ports" tab.
9. Under the "Ports" section, select the printer for the virtual COM port created in step 5.
You are now ready to print via Bluetooth technology to your USB printer.
Note: Each time you would like to print via the printer connected to the Adapter, you will have to double-click on the "Virtual [USB Printer]" icon first to make a connection, unless you set the printer you created above to be your default printer. In that case, the PC will automatically send the print job via virtual COM port.
Connecting Via Hardcopy Replacement Profile

The method of connecting to the printer described below is for use of the Hardcopy Replacement Profile. For example, using the Bluetooth PC Card (part number F8T002), or the Bluetooth USB Adapter (part number F8T001 or F8T003) from Belkin on Windows or devices that use WIDCOMM BTW software.

1. Double-click on the Bluetooth icon on your desktop.
2. Choose “Bluetooth” from the menu bar. Click “Search for devices”. The “Belkin USB Printer” icon should appear.
3. Double-click on the icon. You should see “Discovering Services”. Icons will appear symbolizing the services your device offers.

4. Double-click on the “Hardcopy Cable Replacement” icon.

5. You will be prompted to add a printer. Click “OK”.

HARDWARE INSTALLATION
6. The “Add Printer Wizard” will appear. Select the printer from the list or browse for the printer connected to your Adapter.
7. Follow the wizard to complete the printer installation.

PDA SETUP

PrintBoy Installation Instructions for Pocket PC and Palm OS

Before you begin:
To print using a Bluetooth connection you will need:
- A Palm OS handheld with Bluetooth support (present in most handhelds running Palm OS 4.0 or later)
- A Pocket PC device enabled with Bluetooth wireless technology running Microsoft Pocket PC 2002 or 2003
- A USB printer
- A Bluetooth Wireless USB Printer Adapter from Belkin
Installing PrintBoy on a Pocket PC

1. Open Microsoft ActiveSync and create an ActiveSync connection between your computer and Pocket PC device.

2. Run the setup program (PrintBoySetup.exe) from the Pocket PC directory of the included CD-ROM and click “Yes” to install the utility.

3. The Installation Wizard will begin to load the Utility to your Pocket PC.
4. Click “OK” to complete the installation process.

PrintBoy is now installed on your Pocket PC. Go to the Today screen and tap on the Start menu.

Tap on the PrintBoy application icon to launch the Utility and configure your printer.

Refer to the PrintBoy Utility Setup Guide on the included CD for additional configuration information.

Installing PrintBoy on a Palm™ Device:

PrintBoy is easy to install. Choose your personal computer operating system below and follow the instructions:

For Microsoft Windows:
1. Insert the CD into your PC.
2. Run the setup program (PrintBoySetup.exe) from the Palm directory.
3. Follow the step-by-step instructions on your computer screen from the PrintBoy installation program. This simple process will queue all the necessary PrintBoy files to be automatically added to your Palm device during the next HotSync® operation.
4. Perform a HotSync function. This will copy all the necessary files onto your Palm handheld.
For Macintosh® Computers:

1. Extract the PrintBoy program components from the "PrintBoy.SIT" file.
2. Locate the folder where you extracted the program files and documentation.
3. Add the following files to the Palm Install Tool:
   - PBAddress.prc
   - PBMemo.prc
   - PBMail.prc
   - PBDate.prc
   - PBDB.prc
   - PBSToDoDr.prc
   - PBClip.prc
   - PBDoc.prc
   - PBspread.prc
   - PBSToDoDr.prc
   - PBDelete.prc
   - PBPres.prc
   - PBPS2gDr.prc
   - PBDoc.prc
   - PBShell.prc
   - PBDisc.prc
   - PBDiscovery.prc
   - PrintMgr.prc
   - PageMgr.prc
   - TrMgr.prc
   - BPMConfig.prc
   - BSSFontDB.pdb

Also add any printer drivers you will need (all printer drivers begin with the prefix "BPM", for example BPMCanon.prc).

4. Perform a HotSync function. This will copy all the necessary files onto your Palm device.

PrintBoy is now installed on your Palm handheld. If you tap on the Applications icon, Main icon, or Unfiled icon, you should see the PrintBoy Shell application in the Launcher on your main Palm screen, as shown below:

Refer to the PrintBoy Utility Setup Guide on the included CD for additional configuration information.
FAQs

Which Bluetooth Profiles does the Wireless USB Printer Adapter support?
The Adapter supports the Serial Port Profile and the Hardcopy Replacement Profile.

Can I connect multiple Bluetooth devices to the Adapter?
Yes, you may. Every time a print job is sent, your computing device will create a connection with the Adapter. Once the print job is complete, your computing device will disconnect and make the Adapter available for other devices to use.

My Printer Status Monitor Utility indicates that there is no connection with the printer. Is my Adapter functioning properly?
Because the Adapter disconnects after every print job to make itself available to other devices, there is no constant communication between your Adapter and your computing device. This may conflict with some printer monitor utilities. We recommend that you disable any printer monitor utilities for your printer or disable bidirectional support for the connected printer.

FAQs

Does the Adapter support multifunctional printers?
We recommend that you do not use multifunctional printers that support other non-printing functions. The Adapter only supports printing via Bluetooth. Other functions like scanning will not work through the Adapter.

Can I print from my Pocket PC or Palm handheld enabled with Bluetooth technology?
Yes, you can. You will need to install a print utility on your PDA first. For example, "PrintPocketCE" for Pocket PCs from Field Software or "PrintBoy" for Palm OS® by Bachmann Software.
INFORMATION

DECLARATION OF CONFORMITY WITH FCC RULES FOR ELECTROMAGNETIC COMPATIBILITY

We, Belkin Corporation, of 501 West Walnut Street, Compton, CA 90220, declare under our sole responsibility that the product, F8T031, to which this declaration relates, complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: Exposure to Radio Frequency Radiation.

The radiated output power of this device is far below the FCC radio frequency exposure limits. Nevertheless, the device shall be used in such manner that the potential for human contact during normal operation is minimized.

Federal Communications Commission Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

Canadian ICES-003

Cet appareil numérique de la classe B conforme à la norme NMB-003 du Canada.

Europe-European Union Notice

Radio products with the CE 0560 or CE alert marking comply with the R&TTE Directive (1999/5/EC) issued by the Commission of the European Community.
Belkin Corporation Limited Two-Year Product Warranty

Belkin Corporation warrants this product against defects in materials and workmanship for its warranty period. If a defect is discovered, Belkin will, at its option, repair or replace the product at no charge provided it is returned during the warranty period, with transportation charges prepaid, to the authorized Belkin dealer from whom you purchased the product. Proof of purchase may be required.

This warranty does not apply if the product has been damaged by accident, abuse, misuse, or misapplication; if the product has been modified without the written permission of Belkin; or if any Belkin serial number has been removed or defaced.

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