Bluetooth USB Adapter

Installation Guide

VERSION 1.0



FC Tested To Comply With FCC Standards FOR HOME OR OFFICE USE (6

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WELCOME

Thank you for your purchase of the Bluetooth USB Adapter. Featuring Bluetooth wireless technology, Bluetooth USB Adapter creates cable-free connections between your PCs and other Bluetooth devices. Bluetooth USB Adapter is following Bluetooth v1.2 specification and is compatible with all Bluetooth v1.1 or v1.2-certified devices.

FEATURES

- Compliant with Bluetooth standard version 1.2.
- Support for Microsoft Windows 98SE, Me, 2000 and XP.
- Easy operation and setting up.

SYSTEM REQUIREMENTS

- Processor : Intel Celeron / Pentium III, IV; AMD Duron / Athlon
- Operating System : Microsoft Windows 98SE / ME / 2000 / XP
- System memory : 32MB at least
- Hard Drive Free Space : 11.5MB

BEFORE YOU START

1). Remove any Microsoft native driver.

2). Please remove any previous version of Widcomm Bluetooth software existing in your system. The remove procedures are as follows:

- Step 1 : Click Start/Settings, then select Control Panel.
- Step 2 : In the Control Panel window, double click Add/Remove programs icon.
- Step 3 : Find out the item Widcomm Bluetooth Software x.x.x.x then remove it.

DRIVER SUPPORT

Two Bluetooth drivers are supported under Windows XP (SP2) :

1). Windows XP (SP2) native Bluetooth driver.

Windows XP (SP2) is supporting Broadcom USB Bluetooth dongle now. The installation is simple and easy, just plug Bluetooth donge into USB port of your PC, Windows XP will automatically find its driver for it.



Microsoft driver only supports limited Bluetooth profiles. You can choose Widcomm driver for more advanced purposes.

2). Widcomm Bluetooth driver.

After Windows XP (SP2) native Bluetooth driver is installed, you also can install one additional Widcomm driver for advanced features, such as supporting more Bluetooth profiles, easy and friendly user interface...etc.

Put Widcomm Driver CD into CD drive of your PC, then install it.

Once Widcomm driver is installed, it will automatically take over previous Windows XP native driver. Two drivers are co-existig in your system now, but only Widcomm driver is enabled and Windows XP driver is disabled.

Condition 1 : Windows and Widcomm drivers co-exist in your PC.

1). Plug Bluetooth dongle to your system first, get Windows XP driver support.

2). Put Widcomm Driver CD into CD drive of your PC, then install it.

3). Refer to "Change Bluetooth Driver" section to learn how to change driver between them.

Condition 2 : Only Widcomm driver exists in your PC.

1). DO NOT plug Bluetooth dongle to your system first.

2). Put Widcomm Driver CD into CD drive of your PC, then install it. During installation, it will ask you to plug in dongle, please do it to complete the installation.

Now, you have only one Widcomm driver existed in your system. It is impossible to turn on Windows native driver. Unless you remove Widcomm driver, then follow steps 1 to 3 in Condition1 to have both drivers supported.



Step 1 : Remove any Widcomm Bluetooth driver.

Click START, select Control Panel, select System, select Device Manager. In Bluetooth Radios, make sure there is no Widcomm Bluetooth driver installed before.

If there is any, go to Control Panel window, double click Add/Remove programs to remove Widcomm driver.

Step 2 : Plug the Bluetooth USB adapter into USB port of your PC, Windows XP (SP2) will automatically find this adapter and activate its native driver for it. After driver was installed : Click START -> Settings. Select Control Panel. Select System. Select Device Manager ->Hardware. In Bluetooth Radios, you can find a Windows native driver : Blutonium BCM2035 Bluetooth 2.4GHz Single Chip Transceiver.

Step 3 :

Right-click Blutonium BCM2035 Bluetooth 2.4GHz Single Chip Transceiver and then select Property, click on Driver page. You can see driver provider is Microsoft.



Blutonium BCM2035 Bluetooth 2.4 GHz Single Chip T... ? 🔀

General	Advanced	Details
8	Blutonium BCM2 Transceiver	2035 Bluetooth 2.4 GHz Single Chip
	Driver Provider:	Microsoft
	Driver Date:	8/3/2004
	Driver Version:	5.1.2600.2180
	Digital Signer:	Microsoft Windows Publisher
Driv Upd	er Details ate Driver	To view details about the driver files. To update the driver for this device.
Roll	Back Driver	If the device fails after updating the driver, roll back to the previously installed driver.
ι	Jninstall	To uninstall the driver (Advanced).
		OK Cancel



The following steps tell you how to install the Widcomm driver.

Step 1:

Put Widcomm Driver CD into CD drive of your PC, an AutoInstall program will start to guide you to complete the installation step by step.

You also can find **Setup.exe** from the given Widcomm Driver CD or downloaded driver files, and double click on it to install Widcomm Bluetooth Software. It opens the InstallShield Wizard dialog box, then click **Next**.

Step 2 : Accept the software license agreement. Click **Next**.

🛃 WIDCOMM Bluetooth Sof	tware - InstallShield Wizard	×
CENSE.	Welcome to the InstallShield Wizard for WIDCOMM Bluetooth Software	
	The InstallShield(R) Wizard will install WIDCOMM Bluetooth Software on your computer. To continue, click Next.	
	WARNING: This program is protected by copyright law and international treaties.	
	< Back Next > Cancel	

🤯 WIDCOMM Bluetooth Software 🛛 - InstallShield Wizard	X
License Agreement Please read the following license agreement carefully.	Æ
END USER LICENSE AGREEMENT	
THE SOFTWARE ACCOMPANYING THIS END USER LICENSE AGREEMENT (THE "SOFTWARE") IS LIC TO YOU ONLY ON THE CONDITION THAT YOU ACC OF THE TERMS IN THIS END USER LICENSE AGRE PLEASE READ THE TERMS CAREFULLY. BY CLICE THE "YES" BUTTON YOU ACKNOWLEDGE THAT YO READ THIS AGREEMENT, UNDERSTAND IT AND A	ENSED EPT ALL EMENT. CING ON OU HAVE GREE
⊙ I accept the terms in the license agreement ○ I do not accept the terms in the license agreement	
InstallShield	Cancel

Step 3 : Select destination folder, you can choose the default or change to your favorite.



Step 4 : Click **Install** to start the installation.



Step 5 : Files copying in process...

🛃 WIDCOM	M Bluetooth Software 🔄 InstallShield Wizard 🛛 🔲 🗖 🔀
Installing The prog	WIDCOMM Bluetooth Software am features you selected are being installed.
17	Please wait while the InstallShield Wizard installs WIDCOMM Bluetooth Software. This may take several minutes.
	Status:
	Generating script operations for action:
InstallShield —	< Back Next >

Step 6 : Click **OK** to ignore unsigned driver warning.



Step 7 : If Bluetooth dongle is plugged in your PC now, this screen will not be displayed. If NOT, then it will show up.

One reminding window will show up to ask you to PLUG IN Bluetooth USB adapter. Plug in your USB adapter if it has not been plugged in before. Click OK to continue.

Step 8 : Installation is complete . My Bluetooth Places should appear on your desktop and a similar icon also appears on the lower right corner of your screen. You can double click on desktop or right click on the lower right corner of your screen, then click "Explore My Bluetooth Places" menu to start "My Bluetooth Places" program. click 'OK' to continue installation. Click 'Cancel' to continue installation without the Bluetooth device. OK Cancel

your Bluetooth device is plugged in properly and

No Bluetooth device was detected. Please make sure that

Bluetooth device not found

CERES.	InstallShield Wizard Completed
	The InstallShield Wizard has successfully installed WIDCOMM Bluetooth Software, Click Finish to exit the wizard.
	< Back Finish Cancel

Step 9 : Click START -> Settings. Select Control Panel. Select System. Select Device Manager ->Hardware. In Bluetooth Radios, you can find a new Widcomm driver : Broadcom USB Bluetooth Device.





CHANGE BLUETOOTH DRIVER

As described in page 2, condition 1, we first get Windows native driver support, then install Widcomm driver to replace it. Now, in our system, there are two Bluetooth drivers : 1). Widcomm driver which is enabled, and 2). Windows XP driver which is disabled in the background. We want to disable Widcomm driver, and enable Windows XP driver, the steps are :

Step 1 : Click START -> Settings. Select Control Panel. Select System. Select Device Manager ->Hardware. In Bluetooth Radios, you can find Widcomm driver : Broadcom USB Bluetooth Device.



Step 2 :

Right-click Broadcom USB Bluetooth Device and then select Property, click on Driver page.

Click Update Driver.



Step 3:

Select : Yes, this time only. Click Next.

Hardware Update Wizard

	Welcome to the Hardware Update Wizard
	Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows [Jodate Web site (with your permission), <u>Read our privacy policy</u>
Let 1	Can Windows connect to Windows Update to search for software?
	Yes, this time only Yes, now and every time I connect a device No, not this time
	Click Next to continue.
	< Back Next > Cancel

Step 4 :

Default is : Install the software automatically (Recommended). Please do not select it.

Select Install from a list or specific location (Advanced). Then click Next.

Hardware Update Wizard	
	This wizard helps you install software for: Broadcom USB Bluetooth Device for flooppy disk, insert it now. What do you want the wizard to do? Install the software automatically (Recommended) Install from a list or specific location (Advanced) Click Next to continue.
	< Back Next > Cancel

Step 5 :

Dafault is Search for the best driver in these locations. Please do not select it. Select Don't search. I will choose the driver to install. click Next.



Step 6:

Select Windows XP native driver Blutonium BCM2035 Bluetooth 2.4GHz Single Chip Transceiver, then click Next.

Step 7 : Click Finish.





Step 8:

After these update driver steps, you will see only Windows XP native driver Blutonium BCM2035 Bluetooth 2.4GHz Single Chip Transceiver in the Device Manager page.





You also can follow the same steps from step 1 to step 8 to change Windows XP driver back to Widcomm driver.



SELECT BLUETOOTH SERVICES

When the first time Widcomm driver is installed, and USB Bluetooth Dongle is plugged to your system, you can configure your Bluetooth services for your system.

Step 1 : Double-click on the B bluetooth icon on the lower-right corner of the screen, you will see configuration wizard, Click Next button.

Step 2: Assign computer name and specify computer type, then click Next button. These can be customer defined.

🔒 Initial Bluetooth Config	uration Wizard 🛛 🕐 🔀
ANG .	Initial Bluetooth Configuration Wizard
	Before you can begin using Bluetooth on this computer you must perform some initial setup. This wizard will help you to configure a basic Bluetooth environment.
	You can access the Bluetooth features on this computer through the Bluetooth icon on the desktop or in the system tray. This icon can also appear in the following locations: Select the locations you want the icon to appear and click. Next.
	Add the icon to the Start menu
the start of the	Add the icon to the Programs menu
	Add the icon to My Computer
	< Back Next > Cancel

🖫 General 🛛 🔀
Device Name and Type: You must select a name for this computer and indicate what type of computer it is.
WIDCOMM Bluetooth Software
Identity Enter a unique name for this computer. This name will be displayed to other Iffil Bluetooth devices if this computer is configured to allow itself to be discovered.
Select a computer type from the drop-down menu. This selection determines the icon that represents this computer on remote devices.
Computer name: My_Computer
Computer type: Laptop
Cancel

Step 3 : Click Next button to configure Bluetooth services.



Step 4 : The default setting is that all services are available, you can check or uncheck one or more services, then click Next button.

😼 Bluetooth	Service Selection	×
Choose th Toenal Todisp	e services that this computer will offer: ble a service, place a check in the box next to the service name. lay the properties panel for a service, click Configure.	*
2	PIM Item Transfer Allow remote Bluetooth devices to exchange business cards with this computer. Accept Personal Information Manager (PIM) Rem south ac calender Remot, cortacts, notes and messages from remote Bluetooth devices.	
	PIM Synchronization File Transfer Network Access Dial-up Networking Biustoph Serial Port	
	< Back Next> Cancel	

Step 5 : Click Skip.



Step 6: Configuration is completed. Click Finish.





MY BLUETOOTH PLACES

Step 1 : Method 1 :

Double click My Bluetooth Place 🕴 icon on your desktop.

Click Folder on the toolbar. Folder window will appear on left side of your screen.



Method 2: Right click (3) on the lower right hand corner of your screen. Select Explore My Bluetooth Places.

Explore My Bluetooth Places	
Bluetooth Setup Wizard	
Advanced Configuration	
Quick Connect	F
Stop the Bluetooth Device	

Two folders appear on the window. They are :

Entire Bluetooth Neighborhood and My Device.



Step 2:

Click Entire Bluetooth Neighborhood to search for devices available to you. Once Bluetooth devices are detected, their icons together with device names will be displayed on the screen.



You also may start a search for devices by clicking Bluetooth from the toolbar.



Step 3:

In this example, One Bluetooth printer device is found in your Bluetooth neighborhood.

🈂 My Bluetooth Places\Entire Bluetooth Neighborhood 📃 🗖 🔀					
File Edit View Bluetooth F	avorite	s Tools	Help		
🕒 Back 🔹 🕥 🕆 🏂 🍃	🔵 Sea	rch 📂 F	Folders	•	
Folders	×	Device Na	ame	Туре	Additional Information
image: Sector image: Sector			F-BOA351	Printer	

The "My Bluetooth Places" program provides an easy way to find different application services through Bluetooth connections. A variety of Bluetooth services and explanations can be found in the "Help" file of the "My Bluetooth Places" program.

APPENDIX A

Safety Guide :

- Read and follow all instructions and warnings provided.
- Save these instructions for future use.
- When service or replacement of parts is required, ensure work is done by a qualified technician.
- Do not use this unit near water or in a rainy/moist environment.
- Do not attempt to service this product yourself. Doing so will expose you to various hazards including dangerous voltage.
- Unit must be used with adult supervision at all times. Children must not be allowed to handle.

Remember !

Any electrical equipment is hazardous if handled improperly.

INFORMATION TO USER

Federal Communication Commission Interference Statement

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.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

IMPORTANT NOTE: FCC Radiation Exposure Statement:

- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.
- This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

One Year Limited Warranty

- This device is guaranteed against manufacturing defects for one full year from the original date of purchase.
- This warranty is valid at the time of purchase and is non-transfer able.
- This warranty must be presented to the service facility before any repair can be made.
- Sales slip or other authentic evidence is required to validate warranty.
- Damage caused by accident, misuse, abuse, improper storage, and/or uncertified repairs is not covered by this warranty.
- All mail or transportation costs including insurance are at the expense of the owner.
- Do not send any product to service center for warranty without a RMA (Return Merchandise Authorization) and proof of purchase. Ensure a trackable method of delivery is used (keep tracking number).
- Warranty is valid only in the country of purchase.
- We assumes no liability that may result directly or indirectly from the use or misuse of these products.

IMPORTANT

" This warranty will be voided if the device is tampered with, improperly serviced, or the security seals are broken or removed"