

Wireless Keyboard with Touch Pad, User's Guide

FPCKB51A1P

I N S T R U C T I O N S

The wireless keyboard allows you to enter data into your Tablet PC without the clutter and constraints of cables. Before using the wireless keyboard, you should read through this manual to become familiar with the keyboard.

Contents

Before proceeding with the installation of your new wireless keyboard, verify the contents of the package. Your wireless keyboard package should include the following:

- Wireless Keyboard
- Wireless Keyboard Driver CD
- Four AAA batteries
- Warranty information
- User's Guide

Installing the Keyboard Batteries

Before installing or replacing the batteries in your wireless keyboard, be sure to note the following:



- Ensure that the correct polarities (+ and -) are used when installing new batteries in the keyboard.
- Don't mix old and new batteries.
- If the keyboard won't be used for a long period, remove the batteries to prevent electrolyte leakage. If the batteries leak, clean out the battery compartment with a damp cloth, then dry thoroughly.
- Handle the batteries carefully, and dispose of old batteries in accordance with local regulations.

To install or replace the batteries in your wireless keyboard:

1. Close any open programs on your Tablet PC.
2. Remove the wireless keyboard battery compartment cover by sliding the cover away from the keyboard (*Figure 1*).
3. If there are old batteries installed, remove them and dispose of them in accordance with local regulations.
4. Insert the batteries that came with your keyboard or four new AAA-type alkaline batteries into the battery tray. Be sure to observe correct polarity.
5. Replace the battery compartment cover.

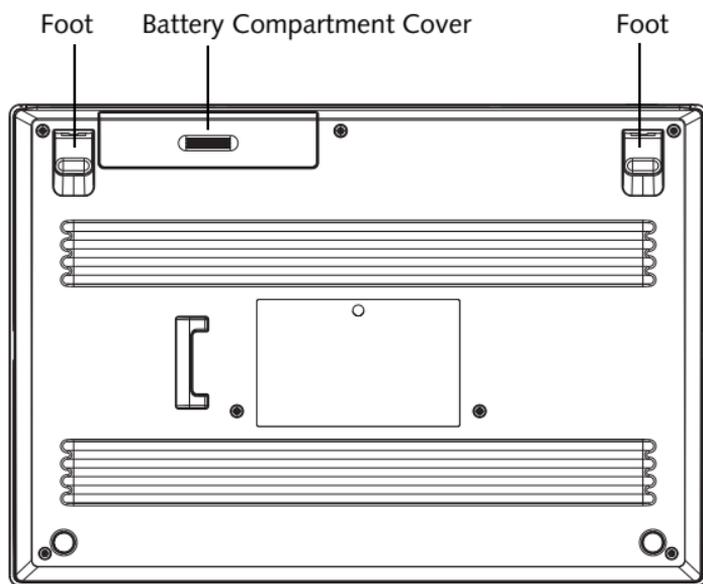


Figure 1. Bottom of wireless keyboard

Installing the Keyboard Driver

Before using the wireless keyboard, you will need to install a new keyboard driver. There are two ways to install the new driver:

Wireless Keyboard Driver CD

The Wireless Keyboard Driver CD is included with the wireless keyboard. Note that using the CD requires that you have an optional external device that can read CDs, such as a Tablet Dock, CD drive or DVD drive.

To install the driver from an external drive:

1. Attach the drive to the tablet.
2. Turn on the system.
3. Open the drive and insert the CD. The system will automatically recognize the CD and begin the installation. Follow the instructions that appear to install the driver.
4. When finished, remove the CD.

Fujitsu Web Site

The driver can be downloaded from the Fujitsu Web site. TO download the driver:

1. Log onto the Internet.
2. Go to the Fujitsu Web site at: us.fujitsu.com/computers.
3. Click on Support, then click on Accessory Downloads in the left pane.
4. Select the FPCKB51A1P driver from the dropdown list.
5. Follow the instructions that appear to load the driver.

Using the Wireless Keyboard

There are several important points to note before using the wireless keyboard (*Figure 2*).

- The Tablet PC should be securely seated upright, either in a desk stand or portfolio case.
- The keyboard should be positioned so that its infrared transmitter is directly facing the infrared photosensor on the Tablet PC.
- The keyboard performs best when it is within approximately 12 inches (30 cm) of the computer although it will operate at greater distances.

- Don't attempt to use a wireless keyboard at the same time as a wired keyboard. Wired keyboards takes precedence over wireless, so the wireless keyboard becomes disabled.
- If a key on the keyboard is depressed continuously, the battery will automatically shut off after approximately 60 seconds to preserve battery life.

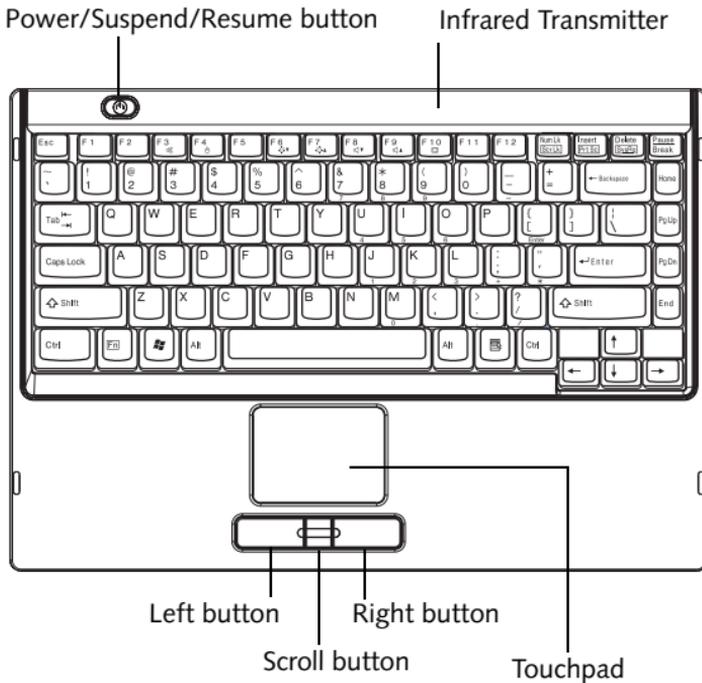


Figure 2. Wireless keyboard

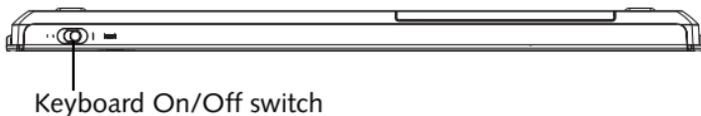


Figure 3. Top edge of wireless keyboard

Keyboard Features

On/Off Switch

The On/Off switch is located on the top edge of the keyboard. It is used to power the keyboard on and off. The keyboard should be powered off when it is not used for extended periods in order to maximize battery life.

Power/Suspend/Resume Button

The Power/Suspend/Resume button on the keyboard works in the same manner as the power/suspend/resume button on the computer. This button remotely suspends and wakes up the system.

Touchpad

The Touchpad pointing device comes built into your wireless keyboard. It is used to control the movement of the pointer to select items on your display panel. The Touchpad is composed of a cursor control, a left and right button, and a scrolling button. The cursor control works the same way a mouse does, and moves the cursor around the display. It only requires light pressure with the tip of your finger. The left and right buttons function the same as mouse buttons. The actual functionality of the buttons may vary depending on the application that is being used. The scrolling button allows you to navigate quickly through pages, without having to use the scroll bars.

Using the Touchpad

Clicking

Clicking means pushing and releasing a button. To left-click, move the cursor to the item you wish to select, press the left button once, and then immediately release it. To right-click,

move the mouse cursor to the item you wish to select, press the right button once, and then immediately release it. You can also perform the clicking operation by tapping lightly on the Touchpad once. (Figure 4)

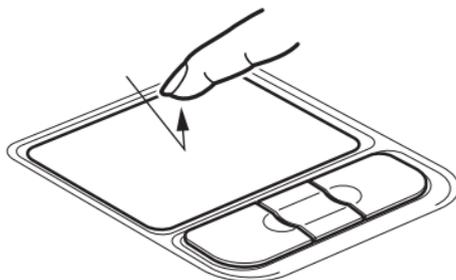


Figure 4. Clicking

Double-Clicking

Double-clicking means pushing and releasing the left button twice in rapid succession. This procedure does not function with the right button. To double-click, move the cursor to the item you wish to select, press the left button twice, and then immediately release it. You can also perform the double-click operation by tapping lightly on the Touchpad twice. (Figure 5)

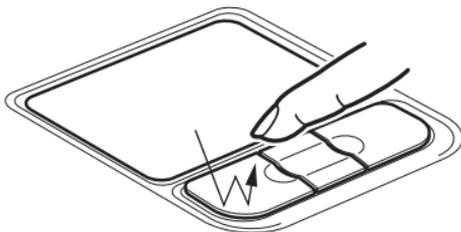


Figure 5. Double-clicking



- If the interval between clicks is too long, the double-click will not be executed.
 - Parameters for the Touchpad can be adjusted from the Mouse Properties dialog box located in the Windows Control Panel.
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Dragging

Dragging means pressing and holding the left button, while moving the cursor. To drag, move the cursor to the item you wish to move. Press and hold the left button while moving the item to its new location and then release it. Dragging can also be done using the Touchpad. First, tap the Touchpad twice over the item you wish to move making sure to leave your finger on the pad after the final tap. Next, move the object to its new location by moving your finger across the Touchpad, and then releasing your finger. (Figure 6)

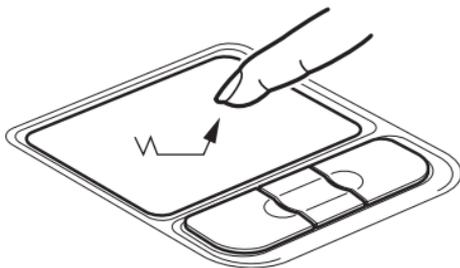


Figure 6. Dragging

Scrolling

Using the Scrolling button allows you to navigate through a document quickly without using the window's scroll bars. This is particularly useful when you are navigating through on-line pages. To use the Scrolling button, press the top or

bottom of the button to scroll up or down a page. When you have reached the desired section of the page, release the button. (Figure 7)

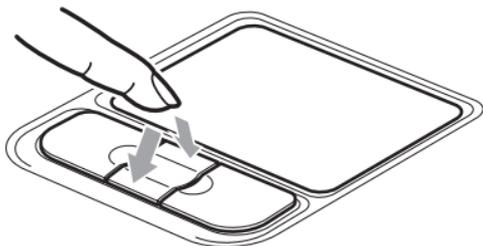


Figure 7. Scrolling

Keyboard Layout

Your computer has an integral 86-key keyboard. The keys perform all the standard functions of a 101-key keyboard, including the Windows keys and other special function keys. This section describes the following keys.

- Numeric keypad
- Cursor keys
- Function keys
- Windows keys

Numeric Keypad

Certain keys on the keyboard perform dual functions as both standard character keys and numeric keypad keys. NumLk can be activated by pressing the [NumLk] key. Turning off the NumLk feature is done the same way. Once this feature is activated you can enter numerals 0 through 9, perform addition (+), subtraction (-), multiplication (*),

or division (/), and enter decimal points (.) using the keys designated as ten-key function keys. The keys in the numeric keypad are marked on the front edge of the key to indicate their secondary functions.

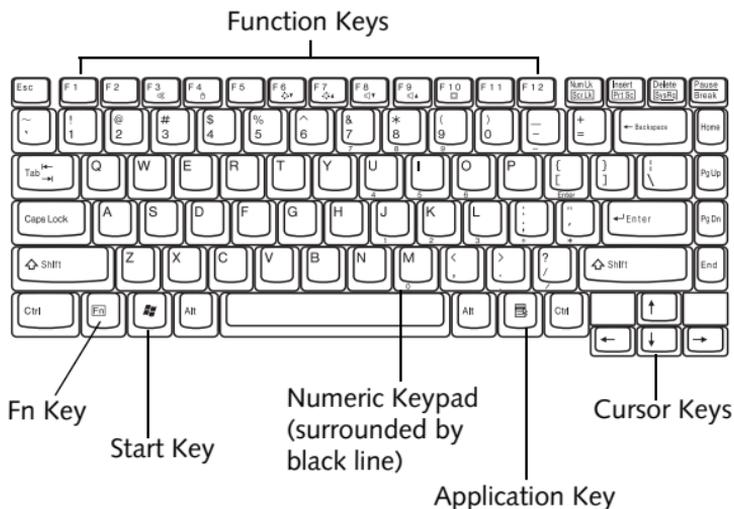


Figure 8. Key Layout

Windows Keys

Your keyboard has two Windows keys, consisting of one Start key and one Application key. The Start key displays the Start menu. This button functions the same as your on-screen Start menu button. The Application key functions the same as your right mouse button and displays shortcut menus for the selected item. (Refer to your Windows documentation for additional information regarding the Windows keys.)

Cursor Keys

The cursor keys are the four arrow keys on the keyboard which allow you to move the cursor up, down, left and right in applications. In programs such as Windows Explorer, it moves the “focus” (selects the next item up, down, left, or right).

Function Keys

The keyboard has 12 function keys, F1 through F12. The functions assigned to these keys differ for each application. You should refer to your software documentation to find out how these keys are used.

The [Fn] key provides extended functions for the keyboard and is always used in conjunction with another key.

- [Fn+F3]: Pressing [F3] while holding [Fn] will toggle the Audio Mute on and off.
- [Fn+F4]: Pressing [F4] while holding down [Fn] allows you to toggle between enabling and disabling the touchpad.
- [Fn+F6]: Pressing [F6] repeatedly while holding [Fn] will lower the brightness of your display.
- [Fn+F7]: Pressing [F7] repeatedly while holding [Fn] will increase the brightness of the display.
- [Fn+F8]: Pressing [F8] repeatedly while holding [Fn] will decrease the volume of your computer.
- [Fn+F9]: Pressing [F9] repeatedly while holding [Fn] will increase the volume of your computer.
- [Fn+F10]: Pressing [F10] while holding [Fn] allows you to change your selection of where to send your display video.

Each time you press the combination of keys you will step to the next choice. The choices, in order, are: built-in display panel only, both built-in display panel and external monitor or external monitor only.

Overview of Identification Codes

When multiple keyboards and computers are used in a small area, it may be necessary to assign an individual identification code to each keyboard/Tablet PC pair. Assigning identification codes prevents interference or “cross-talk” between closely situated keyboards and systems.

The identification code assigned to a keyboard/Tablet PC pair is temporary. The code is cancelled when the battery pack is removed while the AC adapter is unplugged from the system. In that case, the Tablet PC will work with any keyboard until a new code is entered via a keyboard. Note that the code is **not** cancelled when the system is turned off, suspended, or reset.

Once a new code is entered, only the coded keyboard will work with the Tablet PC unless other keyboards are individually coded with the same identification code.

The system will recognize the code of the first keyboard with which it is used; other keyboards won't be recognized unless they have the same code as the first keyboard used.

For example, if two keyboards (A and B) are within infrared range of the Tablet PC, they can both be used when the system is initially reset or suspended. If the identification code for keyboard A is set to “1” and it is used with the Tablet PC first, the Tablet PC will recognize “1” as the code. Keyboard B would be disabled unless you enter “1” as its code. If you

assign keyboard A the identification code “1” and keyboard B the identification code “2”, then use keyboard B first, the Tablet PC will only recognize the keyboard B identification code “2”.

Entering an Identification Code

To enter an identification code for your keyboard, perform the following step:



In the following step, be sure to press and hold down the keys in the same order as they appear, and leave them depressed until after the code is entered. There is no on-screen indication that the code has been entered.

Press [Fn]+[Left Alt]+[Left Shift]+[ID Code]. Use a single number for the ID Code, consisting of a number character between 0 and 7.

Adjusting the keyboard position

On the bottom of the keyboard, you will find two adjustable feet that raise the rear portion of the keyboard when they are swiveled open. This allows you to adjust the keyboard to a comfortable position.

To change the resting position of the keyboard, swivel the feet out away from the bottom of the keyboard.

Troubleshooting the Wireless Keyboard

The wireless keyboard is used in the same way as a normal wired keyboard. In typical operation, you should encounter few problems in transmitting data to your Tablet PC. If your keyboard fails to perform properly, check for the following circumstances:

- The identification code has been changed inadvertently. To correct this problem, first remove the batteries (see the section of this chapter entitled “Replacing the Wireless Keyboard Batteries”). While the batteries are out, tap any key a few times. Reinsert the batteries. If this fails to solve the problem, the batteries may need replacement.
- The infrared transmitter on the keyboard is not properly aligned with the Tablet PC infrared photosensor.
- The keyboard is too far from the Tablet PC, or something is obstructing the line-of-sight between the ports.
- The remote control for another device (such as a television or wireless headphones) is being operated in the same vicinity as the keyboard.
- The infrared transmitter on the keyboard and/or the infrared photosensor on the Tablet PC are directly exposed to sunlight or bright artificial light.
- The infrared transmitter on the keyboard and/or the infrared photosensor on the Tablet PC are dirty.
- The keyboard batteries are dead (see the section below entitled “Replacing the Keyboard Batteries”).

Caring for your keyboard

Your wireless keyboard is a durable but sensitive electronic device.

- If you accidentally spill liquid on your keyboard, position it so that the liquid can run out, then let it dry out for 24 hours, or longer, as required.
- Do not use your keyboard in a wet environment (near a bathtub, swimming pool).
- Avoid exposure to sand, dust and other environmental hazards.
- Do not put heavy or sharp objects on the keyboard.
- Clean your keyboard with a damp, lint-free cloth.

Storing your keyboard

- If storing your keyboard for a month or longer, remove and store the batteries.
- Store your keyboard and batteries separately. If you store your keyboard with batteries installed, the batteries will discharge, and battery life will be reduced. In addition, a faulty battery might damage your keyboard.

Wireless Keyboard Specifications	
Hardware Specifications	
Interface	Infrared, simplex serial
No. of Keys	86 keys
Stroke	3.0mm ± 0.5mm
Key Pitch	19.05mm (typical)
Dimensions	Width: 12.44" (316 mm) Depth: 8.66" (220 mm) Height: 0.57" - 0.76" (14.5 - 19.2 mm)
Approximate Weight	1.3 lbs. (0.59 Kg)
Power	4-AAA Alkali dry cell batteries
Environmental Specifications	
Operating Temperature	32°F - 104°F (0°C - 40°C)
Storage Temperature (Non-operating)	-4°F - 140°F (-20°C - 60°C)
Humidity	20 - 90% Non-condense (operating)



DECLARATION OF CONFORMITY

according to FCC Part 15

Responsible Party Name: Fujitsu Computer Systems Corporation
Address: 1250 E. Arques Avenue, M/S 122
Sunnyvale, CA 94085
Telephone: (408) 746-6000
Declares that product: Wireless Keyboard with Touchpad
Model FPCKB51A1P
Complies with Part 15 of
the FCC Rules.

This device complies with Part 15 of the FCC rules. Operations are subject to the following two conditions:(1) This device must not be allowed to cause harmful interference, (2) This device must accept any interference received, including interference that may cause undesired operation.

Model Name: Wireless Keyboard with Touchpad FPCKB51A1P

Conformance to Directive(s)/Product Standard:

89/336/EEC -
EN 55022 1995 amd, 1:1995, Class B,
EN 50082-1,
EN 61000-4-2,
EN 61000-4-3,
EN 61000-4-4: /3/23/EEC,
EN 60950 1991, ED. 2, amd. 2.
Equipment type/Environment:
Residential, Commercial, Light Industrial.

We hereby declare that the equipment specified above conforms to the above Directive(s).

FCC Notices

Notice to Users of Radios and Television

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 of and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet that is on a different circuit than the receiver.
 - Consult the dealer or an experienced radio/TV technician for help.
- Shielded interconnect cables must be employed with this equipment to ensure compliance with the pertinent RF emission limits governing this device.

DOC (Industry Canada) Notices

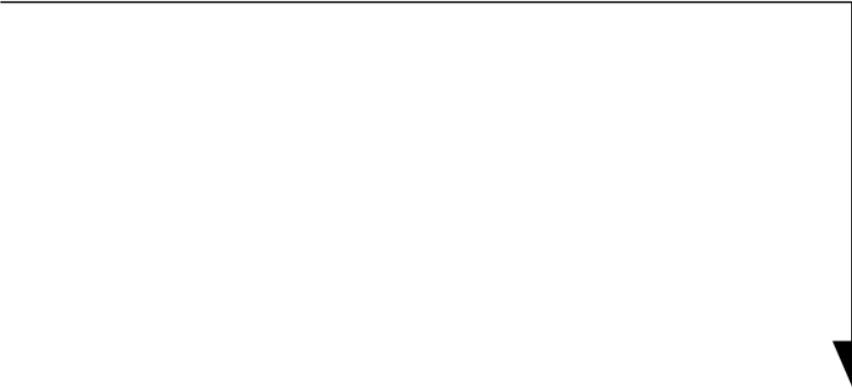
Notice to Users of Radios and Television

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

CET appareil numérique de la class B respecte toutes les exigence du Règlement sur le matériel brouilleur du Canada.

Notice to All Users

The Wireless Keyboard can only be operated at a maximum ambient temperature of 35° C (95° F).FCC Declaration of Conformity.





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Sunnyvale, California 94085

For more information, call
1-877-372-3473 or visit our Web site at:
us.fujitsu.com/computers

For technical support call:
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or e-mail us at: **8fujitsu@us.fujitsu.com**

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