Wireless Keyboard WKB-802A

✳ Bluetooth Multi-Host Switchable

Preface

Thank you for purchasing the WKB-802A Bluetooth wireless Keyboard! The WKB-802A is specifically designed for Bluetooth-enabled Macintosh™ computer[*]. It can also use it as an external wireless Keyboard for iPad or iPhone for mass data input. Thanks to its multi-host switchable support, it can use Mac, iPad or iPhone in between.

⚠ **Before using the WKB-802A, read this manual and the FAQ carefully. Keep the User Manual for future reference.**

---

[*] See package contents on system requirements. Not all Bluetooth dongles may support the WKB-802A Keyboard in all its functions!

Key Features

- It is compact-size design for space saving environment.
- 100/101-key compact-size wireless Keyboard with numeric keypad for easy and fast working with figures, tables, calculations, spread sheets, etc. – a perfect alternative solution to the USB keyboard!
- With multi-host switchable support, it can register up to 8 Bluetooth hosts
- Bluetooth wireless technology for convenient wireless access to any Bluetooth-enabled Macintosh™ computer. No dongle or driver installation required!
- Can be used as an external wireless Keyboard with iPad or iPhone[*].
- Function keys F1, F2, F3, F4 support Mac OS X for decrease brightness, increase brightness, expose and dashboard.

F1	Decrease brightness
F2	Increase brightness
F3	Expose
F4	Dashboard

- Special function keys, F5, F6, eject and host select keys support iPad and iPhone for home screen, sleep/wake,　onscreen Keyboard and Bluetooth host select.
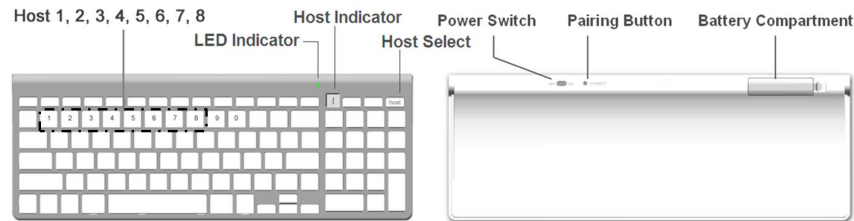
F5	Home screen
F6	Sleep/Wake button
eject	On-screen Keyboard
host select	Bluetooth host select

- Broadcom Bluetooth chipset.

- Scissor-type membrane keys with non-curved square keycaps for high comfort typing and reduced typing tiredness.
- No dongle or driver installation needed!

---

[*] Works with iPad and iPhone 3Gs or later.

Overview

Host 1, 2, 3, 4, 5, 6, 7, 8   Host Indicator   Power Switch   Pairing Button   Battery Compartment
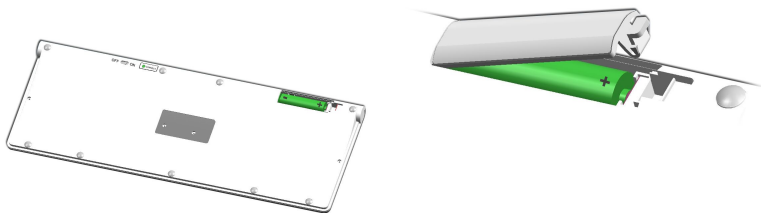
LED Indicator   Host Select

Getting Started

1. Hold the Keyboard upside down in both hands. Open the battery compartment by gently pushing trip of battery cover on the arrows with your thumb and lifting battery cover.

2. Place the 2 AA-size batteries in the battery compartment.

⚠ **Make sure the batteries are placed according to the polarity symbols (+/-) shown in the battery compartment!**

3. Push the power switch on the Keyboard to turn on the Keyboard.

OFF ☐ ON   CONNECT

Pairing the WKB-802A Bluetooth Keyboard in Mac OS X

⚠ **Make sure that you have Bluetooth support on your Macintosh™ and Mac OS X 10.5.x or higher installed. The WKB-802A Keyboard may work with older Mac OS X but it is not officially supported.**

1. Press "host select " key and press "1" key, located beneath F1. HTN display will show 1 on screen.

⚠   **Do not hold "host select" key and press "1" key**

2. Start to register your keyboard; Choose the Apple menu and open the "System Preferences." Under "Internet & wireless communication" (OS X 10.6.x)/"Hardware" (OS X 10.5.x) you should see a Bluetooth icon. If you do not, your Mac does not have Bluetooth.

3. Enable Bluetooth. Under "System Preferences" click the Bluetooth icon and make sure you see "Bluetooth: On" under the "Settings" tab. If it's not turned on, click "Turn Bluetooth On."

4. Go to the menu bar and click the Bluetooth icon, then click "Bluetooth Preferences."

5. Click the "+" tab (set up new device) in the left window to pair a new Bluetooth device. The Bluetooth assistant opens. (With Mac OS X 10.5.x, the Bluetooth assistant may ask what kind of device you are going to pair. Choose "keyboard" and click "continue"). Your computer now searches automatically for new Bluetooth devices.

6. Press the Pairing Button on the backside of the WKB-802A Compact-size Keyboard with a pen to set up a connection to your Macintosh™. The pairing LED starts to flash in green. Your Macintosh™ should see the WKB-802A Keyboard as "Bluetooth mini Keyboard". Click "continue".

7. In the dialog box the device "Bluetooth mini Keyboard" will appear. If it is not listed, make sure that WKB-802A Keyboard is turned on and in pairing mode. Then click "Search Again" in the "Bluetooth Device" dialog box.

8. Click on "Bluetooth mini Keyboard" and press "continue". The PIN number of the WKB-802A Keyboard will be shown on your screen.

9. Enter the 8-digit PIN number with your WKB-802A Keyboard according to the digits shown on your screen and press the "enter" key of your WKB-802A Keyboard.

Click "OK" and the Bluetooth mini Keyboard should be listed in the "Devices" tab under "Bluetooth Preferences."

10. LED indicator will become blue color. It means that Bluetooth keyboard is well linked to Mac.

⚠ **When you enter a digit on the WKB-802 Keyboard, it is not highlighted as with some other Bluetooth devices. Keep entering the digits quickly and press the "enter" key at the end. If you need too long to or enter a wrong digit, you may have to enter the PIN number again.**

Register the WKB-802A to another Bluetooth Host

1. Press "host select " key and press "2" key, located beneath F2. HTN display will show 2 on screen.
2. Follow the pairing procedure same as step 2 ~ 10 of Pairing the WKB-802A Bluetooth keyboard.
3. Register the WKB-802A to other Bluetooth enabled devices, up to 8 different hosts.

Swap Bluetooth Host in Between

How to switch the WKB-802A from Mac system (register host 1) to iPad (register host 2), for example.

1. Press "host select " key and press "2" key, located beneath F2. HTN display will show 2 on screen.
2. LED indicator start to flash in green. Then LED indicator will become blue upon the WKB-802A well link to iPad, host 2.

Using the Pairing Button

1. You may use the pairing button after you have changed the batteries (you need to set up the WKB-802 Keyboard like you did for the first time) or when the connection is constantly lost. ***It is not necessary to press pairing button after you have changed the batteries.***
2. If you want to use the WKB-802A Keyboard with another Macintosh™ computer, you need to register the WKB-802 Keyboard again. Please refer to the procedure of Register the WKB-802A to another Bluetooth Host.

Power Management

To save power, it is highly recommended to power off the WKB-802A Keyboard if the WKB-802A Keyboard won't be used for a longer period.

1. To power off the WKB-802A Keyboard, push power switch of WKB-802A Keyboard to OFF position.
2. To power on the WKB-802A Keyboard again, push power switch of WKB-802A to ON position. The LED indicator flashes in green. You may see the message "connected" on your screen. You can use the WKB-802A Keyboard now.

⚠ **The pairing time of WKB-802A Keyboard with your Macintosh™ computer normally just takes a few seconds. However, it may take up to 40 seconds with some Bluetooth dongles.**

3. The WKB-802A Keyboard greatly reduces the power consumption automatically when it is in idle mode (connected, but no keying). In fact, the power consumption in idle mode is only about ¼ (about 0.65 mA) of the consumption of the keying mode (typing on the WKB-802 Keyboard; about 3 mA). This feature greatly extends the battery life.
4. The WKB-802A Keyboard uses 2 pcs. AA size batteries. It is highly recommended to use Alkaline battery.

LED Indication

Different LED flash mode indicates different status of WKB-802A Keyboard.

LED flash in green	LED ON 0.5 sec, and then LED OFF 0.5 sec.	Press pairing button
LED steady in blue while typing	LED steady ON, and then LED OFF 2 sec. when no key typing	While typing the key
LED flash in green	LED ON 1 sec. and then LED OFF 0.45 sec.	Out of range or Signal weak
LED flash in green very slowly	LED ON 1 sec. and LED OFF 1.5 sec.	Low battery warning
LED steady in green	LED ON 5 minutes until release caps lock	Press caps lock key

FAQ

1. **The WKB-802A Keyboard shows an erratic behavior such as a sudden loss of connection, sleep mode after a short time (i.e. only a few seconds), no connection possible when trying to pair, etc.**

   Erratic behavior of the WKB-802A Keyboard can be a result of (too) low battery power. You should change the batteries now.

2. **The "clear" key under Windows™ has different and sometimes strange functions such as delete forward, delete backwards, no function at all, numlock function, clear all, etc.**

   The WKB-802A Keyboard is designed to work with Mac OS X. However, it can be used with certain Windows™ OS and programs as well but without support from the manufacturer.

   The "clear" key under Windows™ OS is basically equal to numlock. However, it can have different functions depending on the software being used. This shortcoming

cannot be changed. Use "delete" and "delete forward" instead to clear any characters and try to avoid using the "clear" key while working with Windows™ OS.

3. **The function of F1 ~F12 keys under Windows™ has different and sometimes strange functions.**

   The WKB-802A Keyboard is designed to work with Mac OS X. However, these function keys can be used by holding "Fn" key and pressing F1 or F2 and etc. The function will be same as Windows™ OS.

4. **Can the WKB-802A Keyboard be connected with various Macintosh™ computers, i.e. an iMac and a MacBook, and switch back and forth?**

   No, the WKB-802 can only be connected with one Macintosh™ computer at a time. When switching to another Macintosh™, the pairing needs to be redone.

   It is recommended to delete the "Bluetooth mini Keyboard" first before re-pairing is performed. You can delete it by choosing the "Bluetooth mini Keyboard" and clicking on the "-" sign in the left window. Follow the steps under "Bluetooth Pairing under Mac OS X".

5. **Can the battery power status be read in the Apple™ System Preferences like with the Apple™ wireless keyboard?**

   No, there is no reading for the current battery power status. Once the battery power is low, the LED will flash very slowly in green or WKB-802A Keyboard will display an erratic behavior like loosing the connection all the time, having difficulty to do the pairing, etc.

6. **On the WKB-802A Keyboard, there is a "." (decimal) key. In my language, the "," is used as the decimal sign. Will the WKB-802A Keyboard display a "." or a ","?**

   Whether the WKB-802A Keyboard displays a "." or a "," depends on the Mac OS installed (keyboard layout/language), i.e. in French OS/keyboard layout, the decimal key displays a "," while in Swiss OS/keyboard layout, a "." is displayed.

7. **During the process of pairing the WKB-802A Keyboard with the Macintosh™, there is a window displayed called "Keyboard identification". I am supposed to press the key next to the shift key.**

   The message can be ignored. Simply press the red button in the upper left corner to close this window. Your Macintosh™ will recognize the WKB-802 Keyboard.

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.

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.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.