



Pair Button

Pair LED

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Microsoft Bluetooth® Pairing Instructions

The recommended software that has proven compatibility with the BT-87-TP is Toshiba's Bluetooth® Stack for Windows. In order to connect your BT-87-TP to your computer, you will need an input device already connected to your computer. This will allow you to have your computer search for the BT-87-TP.

1. Make sure that the Bluetooth® Radio in your PC or laptop is enabled and able to pair with other devices.
2. Open your computer's Bluetooth® Settings window (Start ⚙ Control Panel ⚙ Bluetooth® ⚙ Bluetooth® Settings)
3. Place the BT-87-TP in 'discoverable' mode by holding the Pair button down until the 'Pair' LED (located at the lower right hand side of keyboard) blinks three times, then release the Pair button. The Pair LED will then continue to blink steadily until the unit is paired with the computer.
4. In the Bluetooth® Settings window, select New Connection or Add (depending on your software). If your software gives the option, choose Express discovery mode then click Next.
5. Once the list of available devices shows up, select the device titled 'iKey'.
6. Depending upon your Bluetooth® driver, your computer may require you to enter a passkey or device code. If available, use the automatically generated/assigned code option. Enter in the 4 to 6 digit numeric code that is on screen using the dedicated number keys located above the QWERTY row on your BT-87-TP. Press the Enter key on your iKey Unit.
7. Your computer will go through an automated New Hardware Found process. You will probably get a notification that the New Hardware is ready to use. Your BT-87-TP is now paired with your computer and is ready to use!

Mac Bluetooth® Pairing Instructions

iKey's BT-87-TP unit is compatible with Mac computers that have built in Bluetooth® functionality. The Windows key on our keyboard layout functions as the Apple Key that is on a standard Mac keyboard. There is also Right click functionality with the BT-87-TP right mouse button. This is essentially a Ctrl + Click that is the standard Mac function equivalent to a Windows right click.

1. Click on the Bluetooth® icon on the taskbar at the top right of the home screen.
2. Make sure the Bluetooth® is turned on.
3. Select "Set up Bluetooth® Device".
4. Select "Continue".
5. Select "Keyboard" then Continue.
6. Place the BT-87-TP in 'discoverable' mode by holding the Pair button down until the 'Pair' LED (located at the lower right hand side of keyboard) blinks three times, then release the Pair button. The Pair LED will then continue to blink steadily until the unit is paired with the computer.
7. Select "iKey" from the list of keyboard devices that will appear on your screen and click "Continue".
8. Enter the numeric code given by the wizard using the BT-87-TP unit then press the "Enter" key.
9. Follow the on screen prompts to identify what type of keyboard you are using (English, EU, or Japanese).
10. Your iKey BT-87-TP is equivalent to the US English 101/102 keyboard.
11. The unit will then be paired with the Mac and ready for use

Pairing Multiple Units

It is possible to pair more than one BT-87-TP on the same computer. Be sure that you only have one BT-87-TP in 'Pair mode' or 'discoverable mode.' Follow the pairing instructions on the previous page one unit at a time. Most Bluetooth® Radios can handle at least 6 external signals at a time. Interference between units is highly unlikely, but it is a rare possibility if pairing more than one unit at a time.

Sleep Mode

After 1 hour of inactivity, the unit will go into Sleep Mode. This is a power saving feature on the board that will put the board in a low power state until it is needed again. To wake the unit from sleep mode press any key on the unit and it will power back up.

Note: The touchpad will NOT bring the unit out of Sleep Mode

When the computer is restarted or shut down, the BT-87-TP is remembered by the computer and will still be functional once the computer is powered back on. However, it does enter Sleep Mode once the computer is down. This means that it is necessary to press a button once to wake the unit before typing in your password or using your desktop if there is no password required.

Simulated Sleep Mode

A simulated sleep mode can be activated manually by pressing and holding the Ctrl + Alt + Pair keys in unison then releasing all three keys at the same time. This state is similar to Sleep Mode, except that in order to wake the unit up again you must repeat the Ctrl + Alt + Pair simultaneous press. The unit may take a few seconds to wake back up. If you wait 10 seconds and there is no response, try Ctrl + Alt + Pair again.

Signal Distance

The BT-87-TP can function up to a distance of 10 meters (~30 feet). When the signal is lost from travelling too far from the base with the unit, there are three ways of regaining the connection. The most efficient is using the Ctrl + Alt + Pair combination to sleep and wake the board. Taking out and reinserting the batteries or disabling and enabling the Bluetooth® Radio will also reset the connection. When using one of these two, the BT-87-TP will be in sleep mode. Follow the sleep Mode section in order to wake the unit.

Compatible Batteries

Two standard AA batteries are used in our BT-87-TP. The pair of batteries will last approximately 30 days. If the unit is already paired with your computer, then you will not permanently lose the connection. As soon as the batteries are replaced the connection will continue but the unit will need to be wakened from sleep mode.

Compatible Bluetooth® Dongle

iKey recommends the Kensington K33902US USB Dongle for desktop PCs and laptops that do not have built in Bluetooth® Radios. This model has been tested with our BT-87-TP and comes with the recommended software.

Lock Key Indicators

There are no "lock mode" indicators on the BT-87-TP in order to preserve battery life. An option is included with the recommended Toshiba's Bluetooth® Stack for Windows that allows the three locking indicators to appear on the Notification Area of the Windows Taskbar. To turn this feature on, access your computer's Bluetooth® Settings screen and highlight the iKey device. Select 'Detail...' for that device to make sure that the "System Tray Notification" box is checked and the locking functions you choose will appear in the Notification Area.

BT-87-TP and Standard Keyboards/Mice

Our Bluetooth® units will not have any effect on a keyboard, mouse, or keyboard/mouse combo that is plugged into the USB or PS/2 ports of the computer. They are made to be useable at the same time.

***PLEASE NOTE** – Once the BT-87-TP is paired to your computer, it will work with the login screen that appears each time your computer is turned on. However, it takes approximately 30-45 seconds after the login prompt appears before the Bluetooth® stack is loaded for Windows and the keyboard is functional, so it will require waiting for 30-45 seconds before you can enter your login information using the BT-87-TP. This is not unique to the BT-87-TP – this is common for all Bluetooth® input devices.

15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

15.105(b)

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 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 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 of the device.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.