



MOBILITY ELECTRONICS, INC.®

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# iGo™ Stowaway® Bluetooth Keyboard Owner's Manual

for

Pocket PC 2003 and Windows Mobile™ 5.0



Keyboard Driver:

Stowaway 4.51

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# Setting up the Keyboard

## Before You Begin

Before you install the Stowaway keyboard and mouse software for Pocket PC 2003/Windows Mobile 5.0:

- **ActiveSync 4.0 or greater is required to install the keyboard driver application.**
- **Disable or uninstall any other keyboard or mouse applications that you have previously installed on your mobile device.**
- Ensure there is at least 250 KB of memory on your mobile device. To check the available memory, tap Start→Settings→System→Memory.
- Insert the AAA battery (included) beneath the battery cover of the Stowaway keyboard.

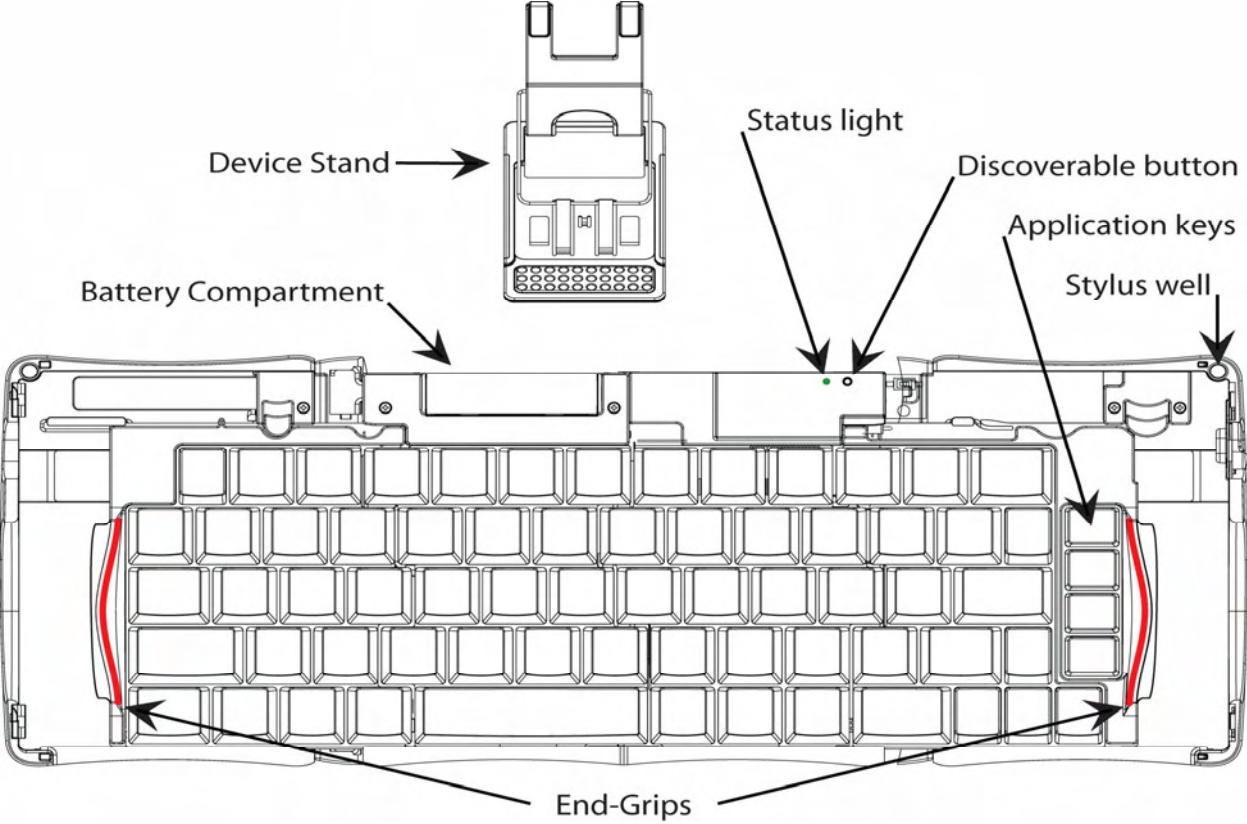


## Installing the Software

1. Connect your mobile device to its synchronization cradle/cable and establish a connection between the computer and your mobile device using ActiveSync.
2. Insert the Stowaway CD-ROM into the CD-ROM drive on your PC. Alternately, if your device has internet access you may browse to: [www.thinkoutside.com](http://www.thinkoutside.com) and the website will automatically detect the correct driver for your device and offer it for download.
3. Follow the on-screen instructions to complete the installation.  
**NOTE:** The driver must be installed in **Main Memory** on your device (default location) to function properly.
4. When the installation is complete, you will be prompted to reset your mobile device.
5. After the driver is successfully installed and the mobile device is reset, the keyboard driver and mouse icons will appear in the **Programs** window.



# Keyboard Description

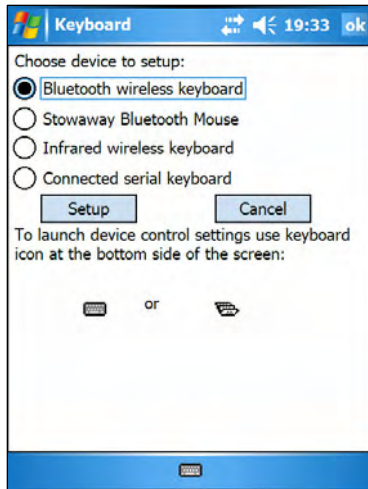
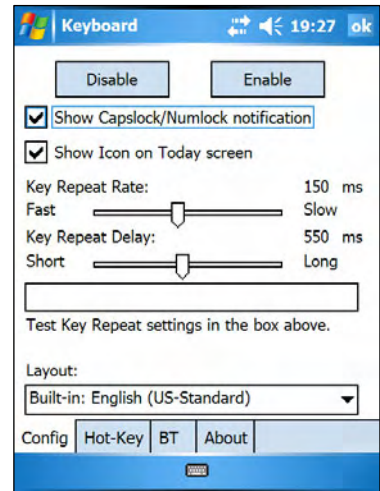


# Configuring the Keyboard to Your Device

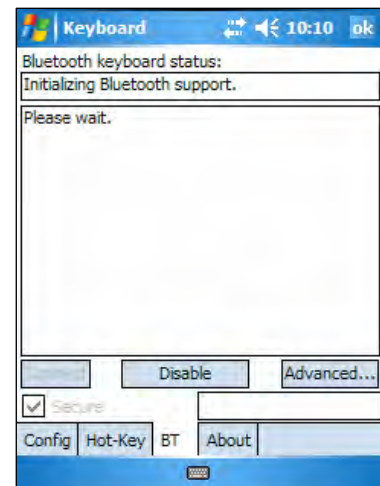
**NOTE: The Bluetooth connection between the mobile device and keyboard must be set up through the Stowaway keyboard/mouse driver.**

## ENABLING THE KEYBOARD DRIVER

1. To enable the Stowaway keyboard, tap the **Enable** button on the **Config** screen of the keyboard application. This will open the **Keyboard Setup Screen**.



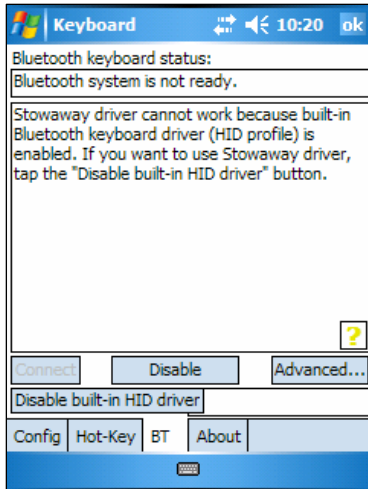
2. When the **Device Setup Screen** is shown, select the **Bluetooth wireless keyboard** option and tap **Setup**. This will show the **Bluetooth Keyboard Status Page** of the Stowaway keyboard application. You may also open that page by selecting the **BT** tab.



3. When Setup begins, the driver will enable the mobile device's Bluetooth system software; this is also known as the **Bluetooth Stack**.

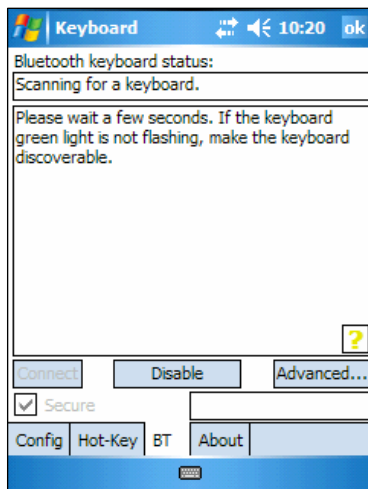
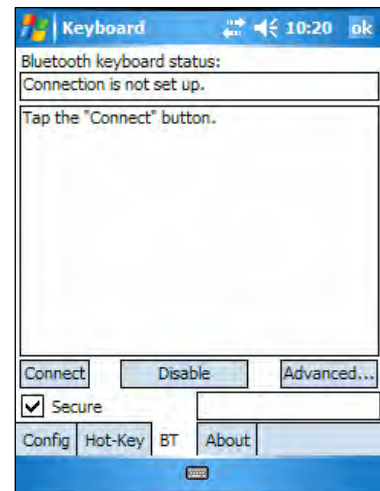
The following section deals strictly with Secure Connections. By default the Secure box is checked in the driver and is the recommended method, as it provides the best security and reconnection.

## SECURED CONNECTIONS



1. On mobile devices with Windows Mobile 5.0 you may see a screen warning that the Stowaway Keyboard driver will not work with the built-in Bluetooth Keyboard driver. You must tap **Disable built-in HID driver** in order to get the full functionality of the keyboard.

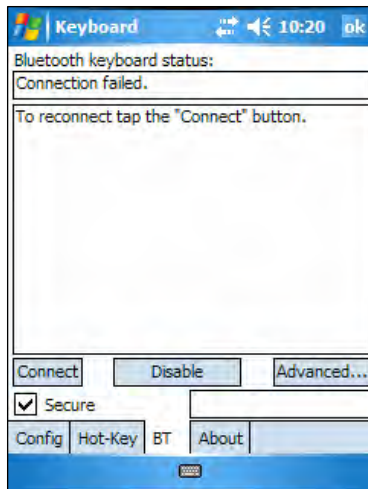
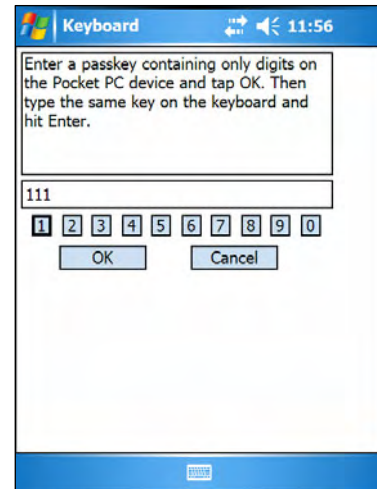
2. A **Secure connection** requires authentication by entering the same **passkey** on the mobile device and then on the keyboard. A Secure connection allows automatic reconnection. Before starting the connection make sure the keyboard is **Discoverable** by the mobile device. To do this, press the Discoverable button on the keyboard until the green LED (above the <0> key) flashes once per second. Then tap the **Connect** button on the screen.



3. The mobile device will scan for the Stowaway Keyboard. Once it is discovered, a prompt will display allowing you to enter the **passkey**.

4. You will be prompted for a passkey and will see a **Bluetooth Passkey** dialog box. Enter a passkey **of your own choosing** (of 1-9 digits) using the mobile device's on-screen keyboard and tap OK. Then, type the same passkey number on the Stowaway keyboard. When finished, press the <Enter> key.

**NOTE:** The passkey must contain only digits, for example **111**.

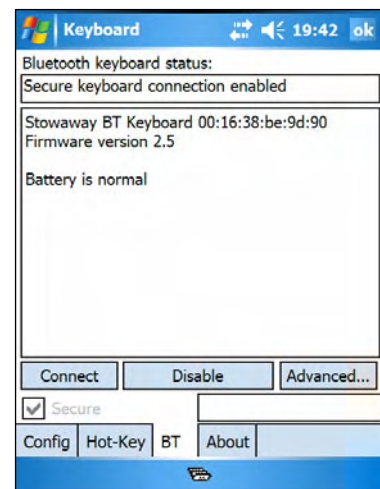


5. If the passkey is not entered correctly, the connection will fail. In this case you will need to repeat steps 1-4 from above.

**NOTE:** Please, make sure that the passkey is entered on-screen first, tap OK and then follow with the passkey on the keyboard. When finished, press the <Enter> key on the keyboard.

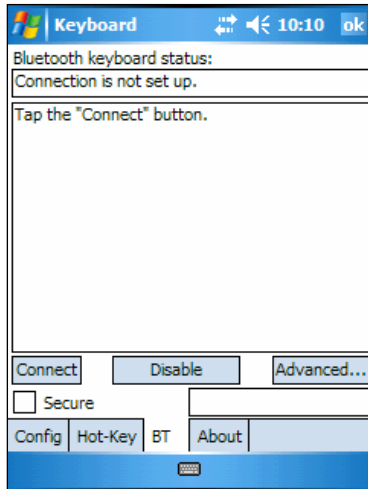
6. The keyboard is now **paired** and available for use. If the keyboard is closed, the mobile device is turned off or either is idle too long the connection will be broken. To reconnect, make sure both devices are powered on and within range, then press a key to reestablish the connection. If reconnection fails tap the **Connect** button on the BT status page.

**NOTE:** It may take 2-3 seconds for the connection to be reestablished after a key press.



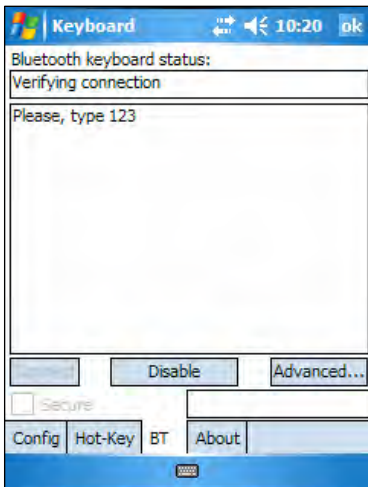
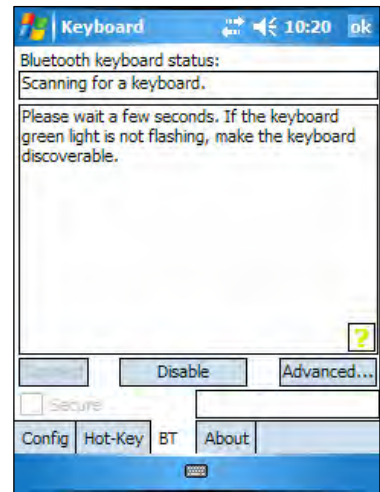
## UNSECURED CONNECTIONS

The following sequence may depend on the settings in your Bluetooth Manager and which Bluetooth stack is present on your mobile device. For more information see [Unsecured Mode Settings](#).



1. Make the keyboard discoverable by pressing the Discoverable button on the keyboard until the green LED (above the <0> key) flashes once per second. Make sure the **Secure** box is not checked and tap the **Connect** button on the screen.

2. The mobile device will scan for the Stowaway Keyboard.

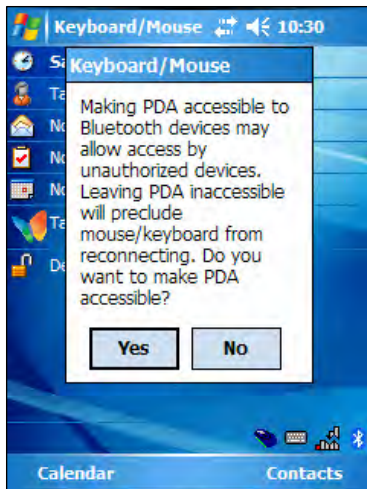
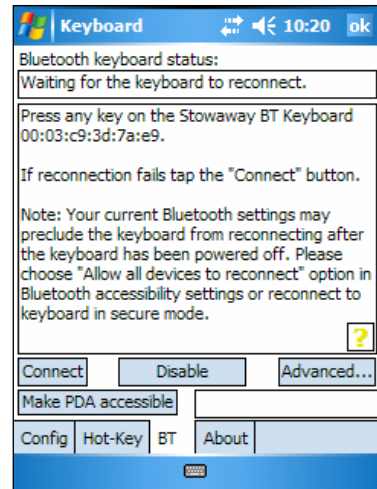


3. After the connection is made you may be prompted to verify the connection by typing 123 on the keyboard.



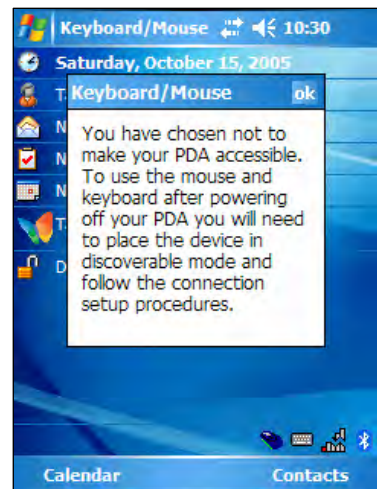
4. Depending on the mobile device's **Bluetooth Accessibility Settings** and Bluetooth Stack you may see this screen next. Tapping **Make PDA accessible** will set the Bluetooth Accessibility Settings to allow automatic reconnection of the mobile device and the keyboard when both are powered on and in range.

**NOTE:** This is a vulnerable configuration; please see [Unsecured Mode Settings](#) for more information.

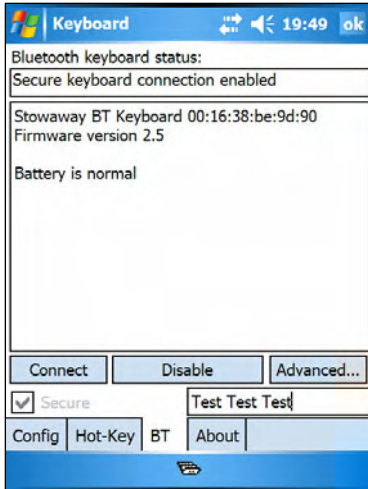


5. If you choose **Make PDA accessible** you will be prompted with this warning screen, tap **Yes** to finish making the connection.

6. If you choose not to **Make PDA accessible** by tapping **Cancel** or **No** you will be warned that future connections between the mobile device and the keyboard will need to be set up manually before each use.

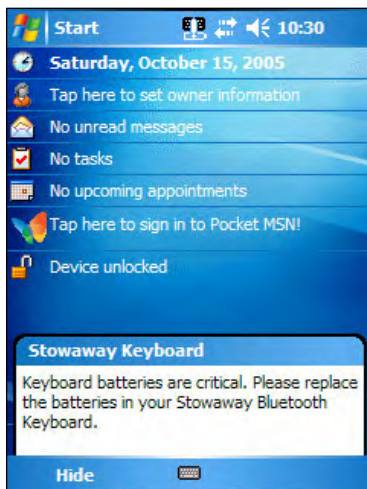
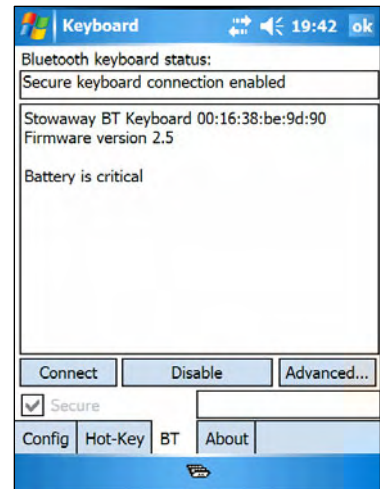


## OTHER FEATURES



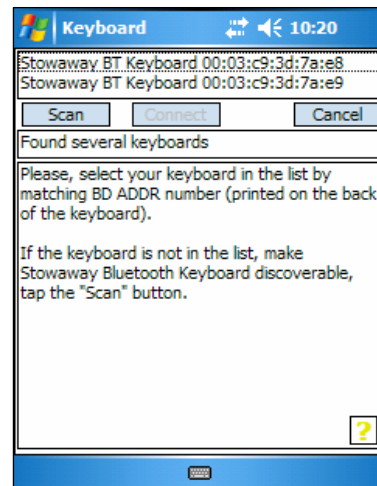
1. The **Bluetooth Status Page** displays the current state of the Bluetooth connection between your mobile device and the Stowaway keyboard. You can enable and disable the connection, and enter text to test the connection. Keyboard battery strength and firmware version are also displayed here. For more information on the **Advanced** tab see [Power Efficient Modes](#).

2. On the Bluetooth Status Page the keyboard battery information is displayed. The two states of the battery are:
  - a. **Normal** – This is the most common state of the battery.
  - b. **Critical** – This means the batteries are in imminent danger of no longer functioning.

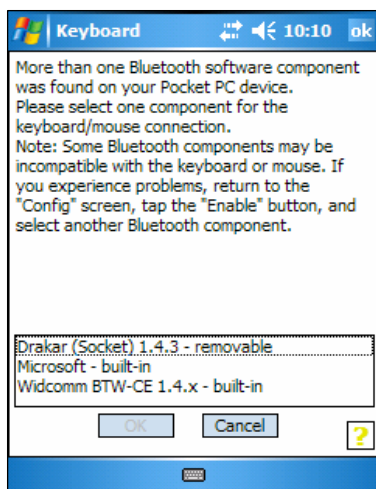


3. If the keyboard batteries reach a critical state a message will be displayed on the Today screen. **NOTE:** The keyboard will display a **RED LED** above the <0> key to show when the battery does not have enough power for the Bluetooth radio to function.

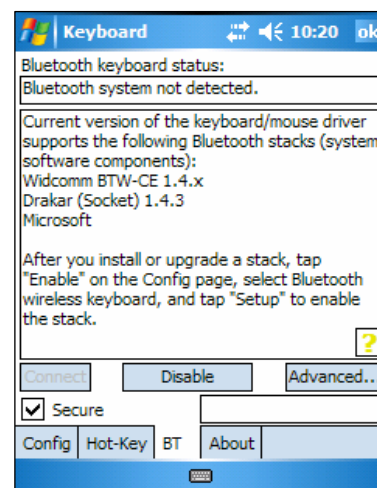
- If several Stowaway keyboards happen to be nearby and in **Discoverable Mode**, the scan will display all of these devices in the list. The keyboard ID (Bluetooth address) printed on the back of the keyboard should be compared with the IDs in the list and the desired keyboard selected.



- If the application finds more than one Bluetooth stack on the mobile device, it will display a **Stack Selection** dialog box. If the device has a built-in Bluetooth system, that stack should be used. If the device is using a removable Bluetooth card such as a SDIO card, a different stack may need to be used. If the wrong stack is selected, a connection may not be possible. In such case, rerun the connection procedure and select the correct stack.



- If the keyboard driver displays the **Bluetooth system not detected** message, first verify that the driver has been loaded into **Main Memory**. Next, be sure that the device has not been upgraded with an incompatible version of the Bluetooth stack. In this case the keyboard software must be replaced with a compatible version.

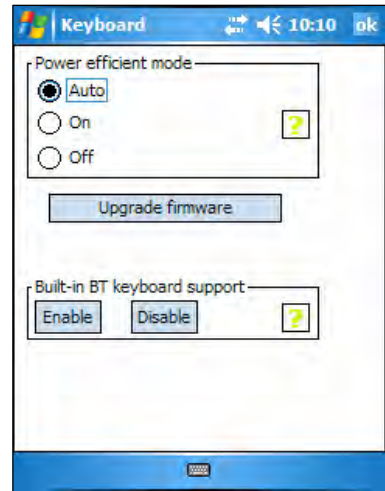


## POWER EFFICIENT MODES



1. The Advanced tab allows access to different power efficiency modes.

2. The Stowaway keyboard is designed to operate in Power Efficient Mode in compliance with the Bluetooth specification. However, some mobile devices have difficulty operating effectively with Power Efficient Mode set to **ON**. The default setting is **Auto**, this allows the keyboard driver to determine whether to use Power Efficient mode or not. If the driver detects a mobile device which may work incorrectly in Power Efficient mode, it will turn it **OFF** automatically. You should turn **OFF** Power Efficient mode manually if you experience problems such as:



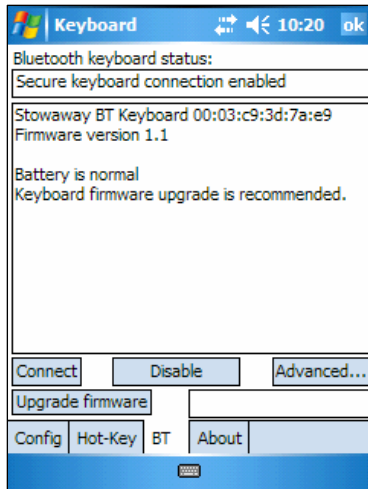
- Inability to **Scan** for other Bluetooth devices.
- Inability to **Connect** to other Bluetooth devices.
- Inability to **Discover** the mobile device and connect to it from another Bluetooth host.

**NOTE:** Turning off Power Efficient mode will shorten the battery life of your Bluetooth devices.

Power Efficient mode may be turned **ON** manually to extend battery life if the mobile device fully supports it or only one Bluetooth peripheral is used at a time.

## FIRMWARE UPGRADE

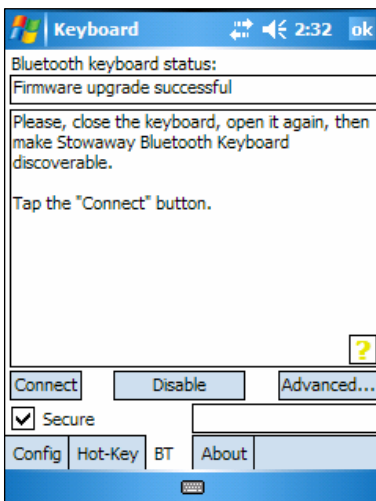
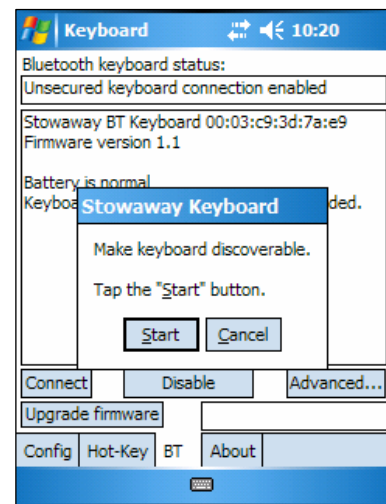
Depending on the version of your keyboard, you may see an **Upgrade Firmware** button on the **BT** page, and a message advising that the firmware be upgraded. This updates the keyboard's ROM software and will improve functionality and compatibility with more devices.



1. Tap **Upgrade firmware** to begin the process.  
**NOTE:** This process may also be done from the **Advanced** page by tapping **Upgrade firmware**.

2. Press the Discoverable button until the green light above the <0> key flashes once per second, then tap **Start**.

**NOTE:** While the firmware is being upgraded be sure that the keyboard and mobile device are not disturbed and that no other Bluetooth activities are taking place.



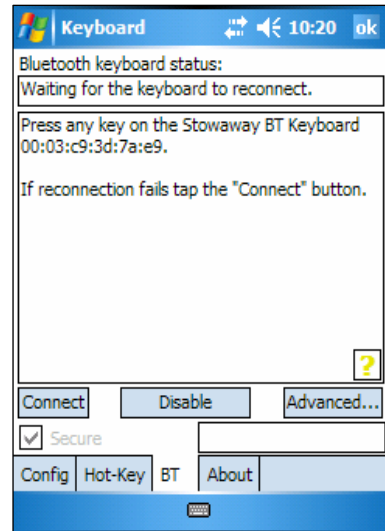
3. When the firmware upgrade process is completed, power cycle the keyboard by closing and reopening it.  
**NOTE:** Following the upgrade, it will be necessary to reestablish a connection between the keyboard and the mobile device. See [Configuring the Keyboard to Your Device](#) for instructions.

# Reconnecting the Stowaway keyboard

For information on *Unsecured* connections and re-connections see [Unsecured Mode Settings](#).

Despite a high degree of reliability, the Bluetooth connection could break for many reasons:

- The keyboard will power off when the right key panel is slid out and the Bluetooth connection will be lost.
- For power efficiency, the keyboard will automatically power down after an *idle period* (when there is no activity for approximately 5 minutes).
- When the mobile device is turned off, the established Bluetooth connection will be lost.
- When the mobile device and the keyboard move beyond the wireless range (~10m), the connection will be lost.



When any of these conditions occurs, the connection will be lost and the software will switch to waiting mode. To restore the connection, make sure the keyboard and mobile device are powered on and in range, then tap any key on the keyboard. The connection should be reestablished within 2-3 seconds but this may be delayed if the Bluetooth system on the mobile device is busy. For example, after the mobile device is powered on, it may take 10 or more seconds for the Bluetooth system to re-initialize.

**NOTE:** Do not press the Discoverable button. This will break the bond between the keyboard and the mobile device. If this happens, you will have to establish a new connection as described above.

Even when disconnected, the mobile device and the keyboard remain bonded. The keyboard will only reconnect to the bonded mobile device and the mobile device will only listen to the bonded keyboard. To break the bond press the Discoverable button for approximately 1 second or until the green LED flashes quickly. Normally the bond will not need to be broken unless the keyboard will be used with another mobile device or another keyboard will be used with the mobile device. Therefore, please avoid pressing the Discoverable button during normal operation. If this has happened, you will have to establish a new connection as described in the [Secured Connections](#) section above.

## Unsecured Mode Settings

For those using Windows Mobile 2003 or a non-Microsoft Bluetooth stack, there are two Bluetooth settings that affect how the keyboard and the mobile device connect in **Unsecured** mode. **All Devices** and **Paired devices only**.

In order to automatically reconnect in **Unsecured** mode, the mobile device's Bluetooth settings must be set to allow **All Devices** to connect. Each manufacturer's Bluetooth configuration screens differ, but generally you will find the All devices and Paired devices only options within the Bluetooth Settings under the Accessibility tab. This set of screens may be available directly via a Bluetooth icon on the Today screen, or by navigating to the Start Menu > Settings > Connections tab.

If your device is set to Paired devices only you will be prompted to **Make PDA accessible** during the initial set up of the keyboard. This will change the settings to All devices.

**NOTE:** Because they are not encoded, Unsecured connections do not provide built-in signal encryption and are vulnerable to eavesdropping of the data transmitted between the keyboard and the mobile device.


If you choose to create an Unsecure connection and **Cancel** at the Make PDA accessible dialog, the settings will remain in the Paired devices only state. This means that before each use of the keyboard it will need to be made discoverable and the connection will need to be manually set up, see [Unsecured Connections](#) for instructions on how to do this.



Proper settings for automatic reconnection of keyboard in Unsecured mode using a non-Microsoft Bluetooth stack.

**NOTE:** For those using windows Mobile 5.0 or a Microsoft Bluetooth stack there are no adjustments to make, it is simply a matter of checking or un-checking the Secure box on the BT page.

# Customizing Your Keyboard

Once the keyboard software is installed on the mobile device, you may customize the options. A keyboard icon  will appear on the screen while using Calendar, Contacts, or other applications.

- Tap the keyboard icon once to display the Input Method Toolbar.
- Tap the keyboard icon on the Input Method Toolbar to display the Keyboard Control Panel.

**NOTE:** Tapping the keyboard icon once at the Today screen once will first display the Keyboard Control Panel. Tapping the same keyboard icon will display the Input Method Toolbar.

## Input Method Toolbar

There are four icons that appear on the Input Method Toolbar. This assumes that the **Stowaway Keyboard** input method is selected. The leftmost icon shows the state of the Bluetooth connection; there are three different states that can be indicated. A tap and hold on this icon will display a text message describing the state.



- This shows that the Bluetooth connection is active.



- This shows that the driver is waiting for the keyboard to reconnect.



- This shows that the connection is not setup.

The other three icons relate to other features of the keyboard driver.



- Tap this speaker icon to turn the keyboard clicking sounds on or off.



- Tap this keyboard icon to access the Keyboard Control Panel. This second keyboard icon appears above the keyboard icon that is visible in the lower right corner of the screen.



- Tap this help icon to access keyboard help topics and troubleshooting tips.



## Keyboard Control Panel

On the **Config** tab:

- Tap **Enable** to choose which keyboard to enable. Tap **Disable** to turn off access to all keyboards.
- To see a visual indication if the keyboard is in Caps Lock or Num Lock mode, check or uncheck the **Show Capslock/Numlock notification** option.
- To select whether or not the keyboard icon will appear in the lower right corner of the Today screen, check or uncheck the **Show Icon on Today screen** option.
- To **increase** key repeat speed, drag the **Key Repeat Rate** slider to the **left**.
- To **decrease** key repeat speed, drag the **Key Repeat Rate** slider to the **right**.
- To **increase** key repeat delay, drag the **Key Repeat Delay** slider to the **right**.
- To **decrease** key repeat delay, drag the **Key Repeat Delay** slider to the **left**.
- To change the language layout in use, tap the down-arrow in the drop down box under **Layout**.

On the **Hot-Key** tab:

- Tap the down-arrow next to a number and select the application to associate with that number. When you press the <Fn> <number> key combination (e.g. <Fn> <4>), the selected application will launch. You may assign up to 10 applications in this manner.

On the **BT** tab:

- This is where the keyboard connection is performed and current connection status is displayed.

On the **About** tab:

- The About tab indicates the keyboard software version installed on your mobile device.

## Disabling the Stowaway Keyboard

When the Stowaway keyboard is no longer needed, the keyboard driver may be disabled by tapping the **Disable** button on the **BT** or **Config** page. The **Connection is not set up** message will then be displayed on the **BT** page.

**NOTE:** Disabling the keyboard will break the bond between the keyboard and the mobile device.

**NOTE:** Disabling the Stowaway keyboard will not automatically turn off the Bluetooth radio. Conversely, turning the Bluetooth radio off while the Stowaway keyboard driver is still enabled will not work. Because of the behavior of the Bluetooth stack, the Bluetooth radio will automatically turn back on after a few seconds. To turn the radio off, the Stowaway keyboard must be disabled first.

To re-enable the connection, tap the **Connect** button on the **BT** page or tap **Enable** on the **Config** page. See [Configuring the Keyboard to Your Device](#) for complete instructions.

## Secure Connection Overview

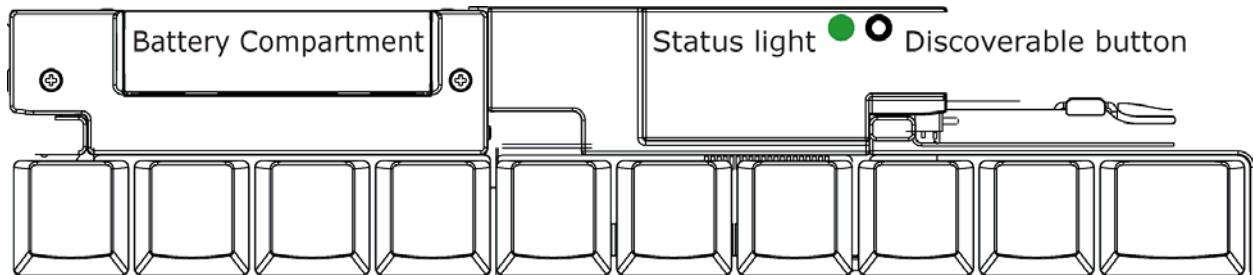
When a secure connection is established, the paired devices share a permanent security bond. This bond is established when two devices create and exchange a **Link Key**, this process is also known as **pairing**. Link Keys are based on a unique **Bluetooth Device Address**, an internally generated random number and a user defined **Passkey**.

With a Bluetooth connection, transmissions may be intercepted. In order to limit this exposure, a secure connection should be set up. This encrypts data sent from the keyboard to the mobile device, creating a **virtual cable**. This means that there is a 1:1 relationship between the mobile device and the keyboard and it will not respond to connection requests from other devices. The mobile device on the other hand will retain the ability to create new pairings with other devices.

The mobile device searches the Bluetooth radio band until it finds the keyboard. If the Secure box is checked it will prompt for a Passkey. Once completed, each time the mobile device and keyboard are powered on within range of each other, the devices will be reconnected with a key press.

## Keyboard Status Light

When the keyboard is open and the right panel is slid in, there is a light above the <0> key that indicates the status of the keyboard.



- When the keyboard status light flashes a fast green light (approx. once per second) it is in **Discoverable mode**. This is the state that allows it to be detected by the mobile device. To place the keyboard into Discoverable mode, press the Discoverable button.
- When keyboard status light flashes a slow green light (approx. once every four seconds) it is connected to the mobile device and is available for use.
- When the keyboard status light is solid red for 5 seconds after power on, the batteries must be replaced before the keyboard can resume normal operation.
- When the keyboard is not connected to the mobile device the status light is dark. This happens when a connection or reconnection has not been established or the connection has been broken.

# Using the Stowaway keyboard

- Commands joined by a dash “-” mean that the key combination must be pressed in order and with all keys held down at the same time.
- Commands joined by a plus “+” mean that the key following the “+” must be pressed after the initial key combination is pressed and released.

## Moving the Cursor/Highlighting Text

You can easily navigate, position the cursor, and select text for subsequent editing functions with these key combinations:

Action	Shortcut
The cursor moves left (back) one word	<Ctrl>-<←>
The cursor moves right (forward) one word	<Ctrl>-<→>
Select (highlight) next character to the left	<Shift>-<←>
Select (highlight) next character to the right	<Shift>-<→>
Select (highlight) previous line	<Shift>-<↑>
Select (highlight) next line	<Shift>-<↓>
Select (highlight) the next word to the left	<Ctrl>-<Shift>-<←>
Select (highlight) the next word to the right	<Ctrl>-<Shift>-<→>
Select (highlight) the previous paragraph	<Ctrl>-<Shift>-<↑>
Select (highlight) the next paragraph	<Ctrl>-<Shift>-<↓>
Beginning of the line	<Fn>-<←>
End of the line	<Fn>-<→>
Page up one page at a time	<Fn>-<↑>
Page down one page at a time	<Fn>-<↓>
The cursor moves to the beginning of the document	<Ctrl>-<Fn>-<←>
The cursor moves to the end of the document	<Ctrl>-<Fn>-<→>
The cursor moves to the top of the page	<Ctrl>-<Fn>-<↑>
The cursor moves to the bottom of the page	<Ctrl>-<Fn>-<↓>

## On-Screen Button and Editing Shortcuts

From the keyboard, you can activate on-screen buttons such as (OK) or (X) and access application editing functions. Refer to the following table for the appropriate keyboard shortcut.

On-Screen Button or Editing Function	Shortcut
Generate an ESC	<Fn>--<Tab>
Turns on NumLock mode	<Fn>--<CapsLock>
Send (simulates a screen tap on <b>Send</b> )	<Fn>--<G>
OK	<Fn>--<Enter>
Close a window or application	<Fn>--<N>
New item	<Ctrl>--<N> or <Fn>--<Q>
Select all	<Ctrl>--<A>
Undo last action	<Ctrl>--<Z>
Cut selected text	<Ctrl>--<X>
Copy selected text	<Ctrl>--<C>
Paste cut or copied text	<Ctrl>--<V>
Emulate left Softkey (where applicable)	<Fn>--<Left Spacebar>
Emulate right Softkey (where applicable)	<Fn>--<Right Spacebar>

## Launching and Navigating Applications

To launch software applications and navigate among them, refer to the following table:

Action	Shortcut
Start Phone call (where applicable)	<Fn>+<D>
End Phone call (where applicable)	<Fn>+<F>
Launch Today screen	<Fn>--<J>
Access Programs screen	<Fn>--<K>
Access Settings screen	<Fn>--<M>
Launch Calendar	Top Application Key
Launch Contacts	Second Application Key
Launch Inbox	Third Application Key
Launch Internet Explorer	Bottom Application Key
Launch up to 10 user selected applications (refer to "Hot-Key tab" section for more information)	<Fn>--<number>
Toggle among open and recently used programs.	<Alt>--<Tab> (Hold the Alt key and hit the Tab key until the program you want is selected, then release keys to make it active)

## Windows Mobile 2003 Menu Navigation

**NOTE:** The following table only applies to those using Windows Mobile 2003 (Pocket PC). For users of Windows Mobile 5.0 see below.

Action	Key command
<p>To activate a program's menu bar at the bottom of the mobile device screen and select a main menu item use one of these 2 methods:</p> <ol style="list-style-type: none"><li>1. Press and release the &lt;Alt&gt; key, then use the arrow keys to scroll left and right until the main menu item you want is highlighted.</li></ol> <p style="text-align: center;"><b>or</b></p> <ol style="list-style-type: none"><li>2. Press and hold the &lt;Alt&gt; key, then press the letter key that corresponds to the first letter of the main menu item (e.g. to access the Tools menu in Word, hold the &lt;Alt&gt; key then press &lt;T&gt;).</li></ol>	<p>&lt;Alt&gt;+&lt;→&gt; or &lt;Alt&gt;+&lt;←&gt;</p> <p>&lt;Alt&gt;—first letter of main menu item</p>
<p>To access a program's submenu, first select a main menu item and then navigate the submenu using the up and down arrow keys. Press the &lt;Enter&gt; key to choose the submenu item.</p>	<p>&lt;↑&gt; or &lt;↓&gt;</p> <p>&lt;Enter&gt;</p>

## Windows Mobile 5.0 Menu Navigation

At the bottom of the screen are two menu items that vary by application and context. They can be reproduced with the keyboard by pressing <Fn>—<Left Spacebar> for the left menu item and <Fn>—<Right Spacebar> for the right menu item.

## Toolbar Navigation

Action	Key command
To access a program's toolbar at the top of the mobile device's screen: <ol style="list-style-type: none"><li>1. Press and hold the &lt;AltGr&gt; key and then press the &lt;Tab&gt; key.</li><li>2. Use the left and right arrow keys to highlight the Tool bar item you want.</li><li>3. Press &lt;Enter&gt; to select the highlighted tool bar item.</li><li>4. Use the up and down arrow keys to highlight the submenu item you want.</li><li>5. Press &lt;Enter&gt; to select the highlighted submenu item.</li></ol>	<AltGr>--<Tab> <←> or <→>  <Enter> <↑> or <↓>  <Enter>

## Other Shortcuts

Several shortcuts shown below provide you additional flexibility when using the Stowaway keyboard:

Action	Shortcut
Show/hide the Input Method Toolbar	<Alt>--<↑>
Launch the Keyboard Control Panel	<Alt>--<↓>
Turns off the mobile device. <b>NOTE: Pressing a keyboard key will not turn it back on.</b>	<Fn>--<Backspace>


## International and Extended Character Set

Character	Description	Shortcut
â	Dot accent	<Ctrl>--<Shift>--<2>+<a>
À	Dot accent	<Ctrl>--<Shift>--<2>+<Shift>--<a>
¢	Cents	<Ctrl>--<Shift>--<4>
â, ê, î, ô, û	Circumflex accent	<Ctrl>--<Shift>--<6>+<letter>
Â, Ê, Î, Ô, Û	Circumflex accent	<Ctrl>--<Shift>--<6>+<Shift>--<letter>
æ	æ	<Ctrl>--<Shift>--<7>+<a>
Æ	Æ	<Ctrl>--<Shift>--<7>+<Shift>--<a>
œ	œ	<Ctrl>--<Shift>--<7>+<o>
Œ	Œ	<Ctrl>--<Shift>--<7>+<Shift>--<o>
β	Beta	<Ctrl>--<Shift>--<7>+<s>
ä, ë, ï, ö, ü, ÿ	Dieresis accent (umlaut)	<Ctrl>--<Shift>--<;>+<letter>
Ä, È, Ì, Ö, Ü, ÿ	Dieresis accent (umlaut)	<Ctrl>--<Shift>--<;>+<Shift>--<letter>
á, é, í, ó, ú, ý	Acute accent	<Ctrl>--<'>+<letter>
Á, É, Í, Ó, Ú, Ý	Acute accent	<Ctrl>--<'>+<Shift>--<letter>
ç	Cedilla	<Ctrl>--<, >+<c>
Ç	Cedilla	<Ctrl>--<, >+<Shift>--<c>
ø	Lower case naught	<Ctrl>--</>+<o>
Ø	Capital naught	<Ctrl>--</>+<Shift>--<o>
à, è, ì, ò, ù	Grave accent	<Ctrl>--<`>+<letter>
À, È, Ì, Ò, Ù	Grave accent	<Ctrl>--<`>+<Shift>--<letter>
ã, õ, ñ	Tilde accent	<Ctrl>--<Shift>--<`>+<letter>
Ã, Õ, Ñ	Tilde accent	<Ctrl>--<Shift>--<`>+<Shift>--<letter>
¡	Inverted Exclamation	<AltGr>--<1>
½	One-half	<AltGr>--<2>
¾	Three-quarter	<AltGr>--<3>
¼	One-quarter	<AltGr>--<4>
÷	Division	<AltGr>--<->
±	Plus-Minus	<AltGr>--<=>
®	Registered trademark	<AltGr>--<r>
™	Trademark	<AltGr>--<t>
¶	Paragraph symbol	<AltGr>--<\>
§	Section	<AltGr>--<s>
°	Degree	<AltGr>--<d>
f	Script F	<AltGr>--<f>
©	Copyright	<AltGr>--<c>
•	Bullet	<AltGr>--<b>
μ	Micro	<AltGr>--<m>
¿	Inverted Question Mark	<AltGr>--</>
€	Euro	<Fn>--<e>
¥	Yen	<Fn>--<y>
£	Pound (British)	<Fn>--<p>



# Frequently Asked Questions

**Q: What should I do when I type on the keyboard and nothing happens?**

- Check that mobile device's batteries are charged.
- Verify that keyboard has sufficient power to operate.
- Verify that the right keyboard panel is fully slid inward.
- Check to make sure that the keyboard software is installed properly according to the instructions.
- Check the **BT** tab of the **Keyboard Control Panel** to make sure the **Stowaway BT Keyboard** is enabled.
- Check the **Config** tab of the **Keyboard Control Panel** to make sure you've selected the appropriate keyboard type. After tapping **Enable**, you should select **Bluetooth wireless keyboard**.
- Use the Keyboard Help icon to launch the help. 

**Q: I tried to turn off the Bluetooth radio and it automatically turned back on, what should I do?**

The Stowaway keyboard must be disabled before the Bluetooth radio can be turned off. See the [Disabling the Stowaway Keyboard](#) section for more information.

**Q: What are the Serial and IR tabs of the Keyboard Control Panel for?**

If you should ever select and setup the **Connected serial keyboard** or **Infrared wireless keyboard** option on the **Config** tab of the **Keyboard Control Panel**, you will see a **Serial** and/or **IR** tab added to the **Keyboard Control Panel**. Even if you change back to the **Stowaway BT keyboard** the **Serial** and/or **IR** tab will remain in the **Keyboard Control Panel**. Serial keyboards use a physical connection versus a wireless connection to a mobile device. Only users of Stowaway keyboards that use a physical connection will use the **Serial** tab. Infrared keyboards use an infrared line of sight connection to a mobile device. Only users of **Stowaway Infrared Wireless** keyboards will use the **IR** Tab. Users of the **Stowaway BT keyboard** can ignore this tab.

**Q: What is the Stowaway Bluetooth Mouse button for?**

This is used to setup the optional Bluetooth mouse. This is only for users that also have the Stowaway Bluetooth Mouse.

**Q: I received an error message saying the keyboard driver cannot find a supported Bluetooth component, what should I do?**

The current version of the keyboard driver supports Broadcom Bluetooth for Windows CE (BTW-CE) version  $\geq 1.4.x$ , Drakar (Socket) and Microsoft Bluetooth stacks. If you have a different version, you may need to check for upgrades for either the Bluetooth stack or for the keyboard driver. (With some Bluetooth stacks it is possible to determine the version of the stack installed on your mobile device; locate the Bluetooth icon and tap it with the stylus to open the application. Find the Bluetooth About tab and tap to open the associated page. There you will find the version and build for the installed Bluetooth stack.)

Should the keyboard driver find more than one Bluetooth component on your mobile device (for example if you have Bluetooth built-in and a removable Bluetooth card), then a dialog box will be displayed with a choice of available components. You will need to choose the Bluetooth component that you wish to be used with the Bluetooth keyboard and tap OK.

**NOTE:** Some Bluetooth components may not work with the keyboard. If you are not able to connect to the keyboard, you may have to return to the **Config** page, tap **Enable** again, select **Bluetooth wireless keyboard**, tap **Setup**, and then select another Bluetooth component.

**Q: My keyboard was connected and character input to mobile device worked fine, but after a certain *idle period*, it seems that the connection was lost.**

Refer to the [Reconnecting the Stowaway keyboard](#) and [Unsecured Mode Settings](#) sections.

**Q: How do I uninstall the keyboard driver?**

Select Start=>Settings=>System tab=>Remove Programs. Select **Stowaway Keyboard and Mouse Driver** from the list of applications then tap the **Remove** button.

**Q: How can I preserve battery life?**

Sliding the right panel outward will turn off the Bluetooth radio and prevent battery drain.

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## Obtaining Warranty Service

Customer must contact Mobility California within the applicable warranty period to obtain warranty service authorization. Dated proof of original purchase will be required for warranty service, repair, or replacement. Products or parts shipped by Customer to Mobility California must be sent postage-paid and packaged appropriately for safe shipment. Mobility California is not responsible for Customer products received without a warranty service authorization and may be rejected. Repaired or replacement products will be shipped to Customer at Mobility California's expense. All products or parts that are replaced become the property of Mobility California. The repair and replacement process for products or parts in locations outside of the United States will vary depending on Customer's location.

[Support@ThinkOutside.com](mailto:Support@ThinkOutside.com)

Mobility California  
10 South Third Street  
Fifth Floor  
San Jose, California 95113  
United States of America  
[www.igo.com](http://www.igo.com)

## Registering Your Product

To register your Stowaway keyboard product, please visit [www.thinkoutside.com/registration/registration.html](http://www.thinkoutside.com/registration/registration.html) and complete the online form.

## Important Battery Information

- Keep battery away from children.
- Always replace old, weak or worn-out batteries promptly and recycle or dispose of them properly. Before inserting a new battery, the battery compartment should be cleaned. If fluid from the battery comes into contact with skin or clothes, flush with water immediately.
- Remove the battery if the device will be inactive longer than a month.
- Do not open, puncture or otherwise damage the battery.
- Do not use fire to dispose of battery.

Released battery electrolyte is corrosive and can cause damage to the eyes and skin and may be toxic if swallowed.

## Comfortable Typing

Research suggests that physical discomfort and injury to nerves, tendons, and muscles may be related to repetitive motion, an improperly set up work area, incorrect body posture, and poor work habits.

To reduce the risk of injury, follow these precautions:

- Stand, stretch, and move around several times every hour.
- Every once in a while, work on a different task with your hands. Avoid repetitive motions. Use shortcut keys to move efficiently and avoid repetitive, awkward movement.
- Type gently and lightly.
- Relax your shoulders and keep your elbows at your sides. Adjust the keyboard so that you don't have to stretch to reach it.
- Adjust your position so that you don't have to bend your wrists to type; avoid placing your wrists on a sharp edge.

If you feel discomfort or numbness in your hands, wrists, arms, shoulders, neck or back while typing, get the advice of a qualified medical professional.

## Important Notes about Bluetooth Devices

The Stowaway keyboard can emit radio frequency (RF) energy whenever the green LED is flashing. Care should be taken when used around medical devices or equipment. For specific information, consult with the product manufacturer or your physician before use. To stop interference, close the keyboard or remove its battery.

**The Stowaway keyboard should not be used on any aircraft. Before boarding an aircraft, close the keyboard to ensure there is no RF transmission.**

## Regulatory Notices

Electromagnetic Interference (EMI) is any signal or emission, radiated in free space or conducted along power or signal leads, that endangers the functioning of radio navigation or other safety service or seriously degrades, obstructs, or repeatedly interrupts a licensed radio communication service. Radio communications services include but are not limited to AM/FM commercial broadcast, television, cellular services, radar, air-traffic control, pager, and Personal Communication Services (PCS). These licensed services, along with unintentional radiators such as digital devices, including computers, contribute to the electromagnetic environment.

Electromagnetic Compatibility is the ability of items of electronic equipment to function properly together in the electronic environment. While this keyboard has been designed and determined to be compliant with regulatory agency limits for EMI, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference with radio communications services, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna.
- Relocate the keyboard with respect to the receiver.
- Move the keyboard away from the receiver.

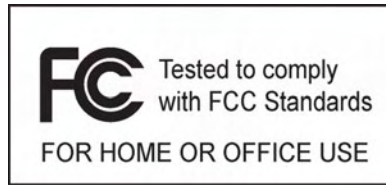
If necessary, consult an experienced radio/television technician for additional suggestions.

## **Wireless Regulatory Information**

The Stowaway device must be used in strict accordance with the manufacturer's instructions as described in the user documentation that comes with the product. For country-specific approvals, see Radio approvals. Mobility California, Inc. is not responsible for any radio or television interference caused by unauthorized modification of the device, or the substitution or attachment of connecting cables and equipment other than that specified by Mobility California, Inc. The correction of interference caused by such unauthorized modification, substitution or attachment is the responsibility of the user. Mobility California, Inc. and its authorized resellers or distributors are not liable for any damage or violation of government regulations that may arise from the user failing to comply with these guidelines.



## FCC Notices



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 manufacturer's instruction manual, may cause interference with 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, you are 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 the receiver.
- Consult the dealer or an experienced radio/television 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.

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

### **FCC Radiation Exposure Statement**

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

## **FCC Identification Information**

The following information is provided on the device or devices covered in this document in compliance with FCC regulations:

- Model number(s):

STBT01

- Company name:

Mobility Electronics, Inc.  
9918 Via Pasar  
San Diego, California 92126  
United States of America  
1.858.880.2225

## **IC Notice**

This Class B digital apparatus complies with Canadian ICES-003.  
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

## **IC Radiation Exposure Statement**

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

## Europe – CE Declaration of Conformity

EN 301 489-1 (2004), EN 301 489-17 (2002), EN 300 328-1 (2001), EN 300 328-2 (2001), EN 60950 (2001)



English	Hereby, Mobility California, Inc. declares that this STBT01 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
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German	<p>Hiermit erklärt Mobility California, Inc., dass sich <i>dieser/diese/dieses</i> STBT01 in Übereinstimmung mit den grundlegenden Anforderungen und den anderen relevanten Vorschriften der Richtlinie 1999/5/EG befindet. (BMW)</p> <p>Hiermit erklärt Mobility California, Inc. die Übereinstimmung des Gerätes Tastatur mit den grundlegenden Anforderungen und den anderen relevanten Festlegungen der Richtlinie 1999/5/EG. (Wien)</p>
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Danish	Undertegnede Mobility California, Inc. erklærer herved, at følgende udstyr STBT01 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Greek	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Mobility California, Inc. ΔΗΛΩΝΕΙ ΟΤΙ STBT01 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΕ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/Ε.
Malti	Hawnhekk, Mobility California, Inc. jiddikjara li dan STBT01 jikkonforma mal- ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Estonian	Käesolevaga kinnitab Mobility California, Inc. seadme STBT01 vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
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Slovene	Šiuo Mobility California, Inc. deklaruoja, kad šis STBT01 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
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Latvian	Ar šo Mobility California, Inc. deklarē, ka STBT01 atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.

## France

Some areas of France have a restricted frequency band. The worst case maximum authorized power indoors is:

10 mW for the entire 2.4 GHz band (2400 MHz–2483.5 MHz).

100 mW for frequencies between 2446.5 MHz and 2483.5 MHz (NOTE—Channels 10 through 13 inclusive operate in the band 2446.6 MHz to 2483.5 MHz).

There are few possibilities for outdoor use: On private property or on the private property of public persons, use is subject to a preliminary authorization procedure by the Ministry of Defence, with maximum authorized power of 100 mW in the 2446.5–2483.5 MHz band. Use outdoors on public property is not permitted.

In the departments listed below, for the entire 2.4 GHz band:

Maximum authorized power indoors is 100 mW.

Maximum authorized power outdoors is 10 mW.

# Features and Specifications Summary

- Small, foldaway design makes it easy to put in your pocket or briefcase.
- Simple connection compatibility with your Mobile device via Bluetooth.
- 5 row design for greatest comfort and ease of use.
- Full size QWERTY keyboard layout for optimum comfort while typing. Meets ISO/IEC Specification 9995 for full-size keyboards.
- User-programmable shortcut keys for faster access to applications.
- On-screen menu and toolbar navigation via keyboard
- Does not draw power from your Mobile device.
- Detachable device stand.

Dimensions Open: 13.8" x 5.1" x 0.5"  
350mm x 129mm x 12mm

Dimensions Closed: 5.0" x 3.5" x 0.9"  
128mm x 90mm x 23mm

Weight (including battery): 10.7 ounces  
303 grams

Operating Temperature Range: 32° to 120°F  
0° to 49°C

Typical Battery Life:  
Continuous Operation: ~80 hours  
Typical usage: ~2 months  
Standby: ~10000 hours

## RF Technical specifications

RF output power: Class 2. Maximum output power is 1.6mW (2 dBm)  
Protocol: Bluetooth specification v. 1.2 compliant  
Bluetooth HID Profile v. 1.0 compliant  
Frequency range: 2.4 – 2.4835GHz  
Type of Modulation: GFSK (Gaussian Frequency Shift Keying)  
Signal Type: FHSS (Frequency Hopping Spread Spectrum)