

Spb Full Screen Keyboard 3.0 User Manual

Abstract:

This document describes Spb Full Screen Keyboard version 3.0. Spb Full Screen Keyboard is an application that provides a full screen input method – a QWERTY keyboard that has keys large enough to be pressed with fingertips.

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Overview

Spb Full Screen Keyboard (FSK) is a software input method that allows entering text on Pocket PC from a full screen QWERTY keyboard that has keys large enough to be typed with finger tips. Since the keyboard can be operated with both hands, it is very convenient to enter large amounts of text using FSK. Optionally, FSK can be accessed pressing a certain button on a standard input method that occupies Pocket PC soft input panel (SIP) such as keyboard or character recognizer – this allows entering small text (e.g. filling in forms) with standard input method and quickly switching to FSK when a large text needs to be entered.

Software Features

Full Screen Layout

This keyboard works in full screen mode so you can use the entire Pocket PC screen area to type text. The full screen mode allows you to type with your finger tips. Spb Full Screen Keyboard is a standard QWERTY keyboard that was specially designed for finger-tip typing and it has also passed a good deal of usability testing.

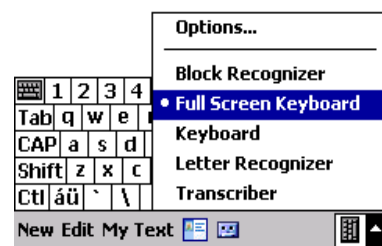


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Standard Input Method

Spb Full Screen Keyboard is a standard Pocket PC input method that integrates with Pocket PC SIP (Soft Input Panel). This makes Spb Full Screen Keyboard comply with Microsoft Designed for Windows for Pocket PC Logo requirements and ensures that Spb Full Screen Keyboard can be used to enter text in any Pocket PC application.

One of the most important features of Spb Full Screen Keyboard 3.0 is that you don't have to use full screen mode for entering just some symbols (such as numeric values in Pocket Excel). Use your preferred input method, and the Spb Full Screen Keyboard icon will reside at the top left corner of your SIP. Tapping this icon will enable full screen mode.



Skins and Keymaps

The layout and appearance of Spb Full Screen Keyboard can be fully modified by means of skins. Skins are add-on packages that provide additional keyboard layouts, national keymaps and keyboard interface graphics.

At the moment a number skins for major languages is available for free download as well as several decorative English skins.



Sounds and Visualizations

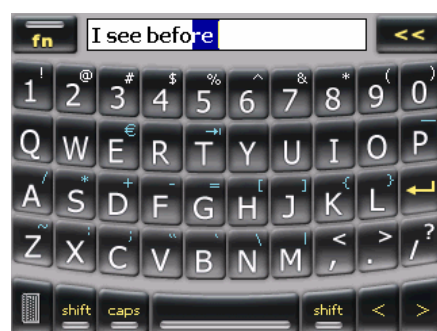
Spb Full Screen Keyboard provides accessibility features such as key-press sounds and visualizations. Different user-customizable sounds are played when certain keys are pressed to provide user with audible feedback. When keys are pressed they are also highlighted to appear visually pressed. The highlight appearance is different for every skin.

Word Completion

Spb Full Screen Keyboard 3.0 features word auto-completion, which simplifies text entering and makes it faster. Spb Full Screen Keyboard will suggest words as you type.

If you press the right key the suggested word will be accepted. Using the word completion feature reduces the number of key presses by 15-20% and dramatically reduces the number of misprints.

The Spb Full Screen Keyboard dictionary contains over 8000 words and is localized to main languages.



Installing Spb Full Screen Keyboard

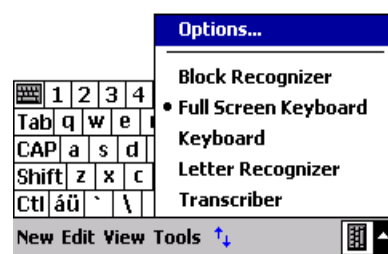
After you download Spb Full Screen Keyboard distribution file you should install it to your mobile device. For successful installation you will need a Pocket PC, Pocket PC 2002, Pocket PC 2003 or Windows Mobile 5.0 Pocket PC device attached to your Windows® desktop PC. You will also need Microsoft® ActiveSync™ software in order to install Spb Full Screen Keyboard to your mobile device.

When you run the software installer on your desktop PC it will ask you to accept license agreement and will invoke Pocket PC software installation program. You will be prompted for the location where you want the software to be installed. It is not recommended to install Spb Full Screen Keyboard to a storage card in order to avoid software malfunction on certain Pocket PC devices.

Alternatively, you can download and install an AirSetup installation for Spb Full Screen Keyboard. AirSetup installation is run from Pocket PC device and does not require a desktop PC to install software on a mobile device.

Configuring Spb Full Screen Keyboard

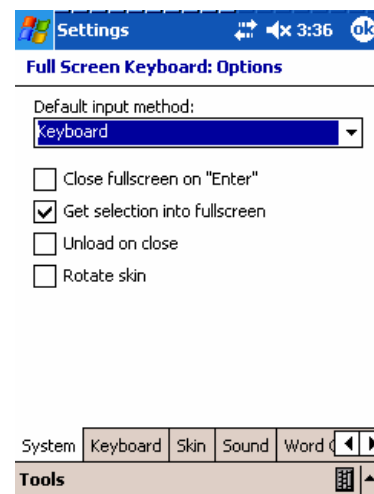
After Spb Full Screen Keyboard is installed on your Pocket PC device you may need to open the settings dialog for Full Screen Keyboard to configure the application. To open the settings dialog, please tap the arrow near the input method icon in the down-right corner of the Pocket PC screen and choose *Options...* from the list of available input method that pops up. The *Input* dialog will appear that lets you customize input methods installed on your Pocket PC. Select *Full Screen Keyboard* from the *Input Method* drop-down list there and tap the *Options...* button to open Full Screen Keyboard Options dialog.



System Preferences

On the *System* tab you can configure the following features of Spb Full Screen Keyboard:

- **Close fullscreen on "Enter":** automatically closes Full Screen Keyboard when the 'Enter' button is pressed. If you intend to enter large amounts of text you would better keep this check box unselected.
- **Get selection into fullscreen:** this option allows you to capture the selected text from the active application. This captured text, in return, will be added to the Full Screen Keyboard input line.
- **Unload on close:** makes the Full Screen Keyboard application unload from the memory when closed. This saves your memory when you don't use Full Screen Keyboard, but increases the loading time.
- **Rotate skin:** If selected, the skin will be rotated 180 degrees.



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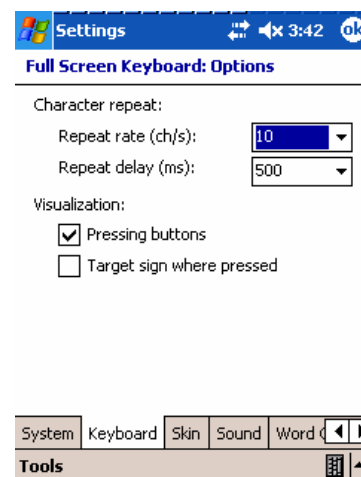
Keyboard Preferences

On the *Keyboard* tab you can configure the following features of Spb Full Screen Keyboard:

- **Repeat rate (ch/s):** The number of characters entered in a second when the key is pressed for a long time
- **Repeat delay (ms):** The time interval to wait before the character repeating starts.

Another kind of options you can customize here is dealing with button press visualization:

- **Pressing buttons:** If selected, the pressed button will be highlighted. Please keep in mind that if you unselect this check box then it will save you some additional memory and speed up the typing process.
- **Target sign when pressed:** If selected, you will see the target sign everywhere you touch the screen with your finger. You will find this feature practical to improve your fingertip typing technique and better aim the buttons.



Skin Preferences

In this dialog you can select a skin for your Full Screen Keyboard application. All the installed skins can be selected from the drop-down list. The currently selected skin is displayed in the center.

You may wish to add more skins for your application. To do so, select **Tools -> Download skins**. This will open a web page on the www.spbsoftwarehouse.com page with lots of skins available for free download. Your device should be connected to Internet if you want to download a skin right to your Pocket PC. Otherwise you can download the skin to your desktop PC and then upload it to your Pocket PC.

You can download skins from this location:

<http://www.spbsoftwarehouse.com/products/fsk/skins.html>

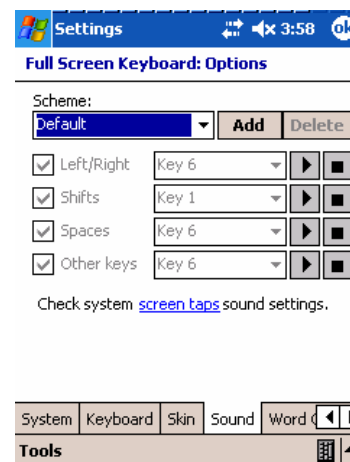


Sound Settings

Scheme: Select one of the *Default*, *No sound*, and any number of your personal customized schemes. To add or delete your own scheme, tap the **Add** or **Delete** button.

According to a chosen scheme you will see sounds for the input events enabled or disabled for editing.

If you create your own sound scheme, select a sound from the corresponding list of the input events. For any chosen sound you may play it by tapping the 'play' button near it. Tap 'stop' to stop playing.



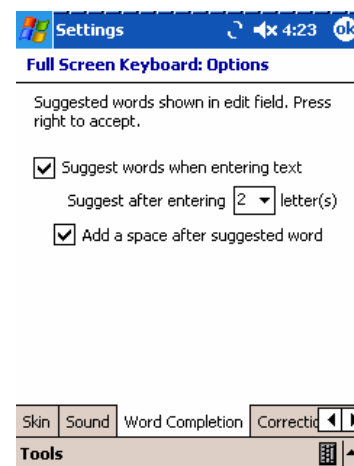
Word Completion Settings

These options are quite the same as those of common input options concerning word completion. The only difference is that the Full Screen Keyboard options work with word completion in this very program, not affecting the behavior of other input methods.

Suggest words when entering text: Enable or disable word completion.

Suggest after entering ... letters: Provide a number of symbols to be entered to provoke suggestion.

Add a space after suggested word: If a suggested word is accepted, a space will be added after it.



Correction Settings

Use smart correction algorithms: Select to enable special algorithms that allow you to get rid of the essential part of errors in typing.

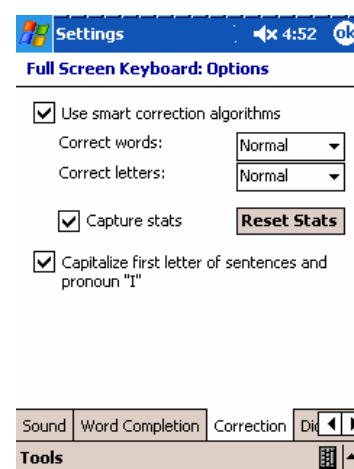
Correct words (*None, Light, Normal, Aggressive*): Specify the level of word correction. Each word is corrected after being typed. If the word is not found in dictionary it is substituted with the closest one. If you select the lowest level (*Light*), then the word will be substituted only with the most obvious variants. Higher levels provide more variants for substitution.

Correct letters (*None, Light, Normal, Aggressive*): This correction algorithm works as you enter the word. If the program detects an error it substitutes the last entered character with the closest one in accordance with the keyboard layout and dictionary.

Capture stats: If selected, the program will remember the statistics of your presses coordinates for every button. This will allow the program handle your presses in a more accurate way.

Reset Stats: Tap this button to reset the statistics collected while using Full Screen Keyboard. It's recommended to reset statistics when a user of the Pocket PC is changed.

Capitalize the first letter of sentences and the pronoun "I": This option is self-explanatory.



Dictionary Settings

As you enter more and more texts, the program encounters more and more words not found in its main dictionary. It may store these words in a user dictionary. This dictionary is subsequently used for automatic word correction.

Use Main Dictionary: every keyboard has an attached dictionary. For example a German keyboard has German dictionary attached. Unselect this check box if you don't want the attached dictionary to be used for word completion and error correction.

Use User Dictionary: Select to enable using the user dictionary. The program will look for newly entered words in this dictionary, too.

Add words to User Dictionary: Select to enable automatic adding words to the user dictionary.

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View User Dictionary: Tap to view the list of all words stored by the program in the user dictionary.

Clear User Dictionary: Tap to clear the dictionary.

Installing Additional Skins

You can add custom skins and national keymaps to Spb Full Screen Keyboard downloading additional skins from the Internet. To download and install a new skin you need to:

1. Launch your web browser and open <http://www.spbsoftwarehouse.com/products/fsk/skins.html>
2. Click on a link to a skin installer you need and save the installation file on your desktop PC.
3. Run the downloaded skin installation file. The skin will be automatically installed on your Pocket PC if it is connected; otherwise the skin will be installed on the next device connection.
4. Select the skin from the Full Screen Keyboard Options dialog (see *Keyboard preferences* section above)

Using Spb Full Screen Keyboard

While being installed Full Screen Keyboard proposes you to map the program to a hardware key. Follow the link to open the hardware button assigning

After being installed, Spb Full Screen Keyboard appears in the list of standard input methods on your Pocket PC Device. To activate it simply select Full Screen Keyboard from the input methods drop-down.

When you select Full Screen Keyboard, a standard keyboard will appear with a special button that lets you switch to the full screen mode.

After you are done typing text with the Full Screen Keyboard simply press the SIP button in the down-right corner of the screen to transfer the text to the application you were entering the text in.

The Edit Box

All the letters you type with full screen keyboard appear in the edit box in the top. You can select certain parts of the text in the edit box dragging the stylus over it and either type new text to replace the selected text or use *Backspace* key to erase it.

You can also use arrow keys to move cursor back and forward one character.

The Registers

Like an ordinary keyboard, Spb Full Screen Keyboard has several registers. To switch between registers you can use *Shift/Caps* and *Fn* keys.

To enter capital letters or special symbols in the top row of keys (numbers) use *Shift* or *Caps* keys. Because you cannot press two parts of a touch-screen you won't be able to press a key holding down *Shift* like on a hardware keyboard. Instead, you should press *Shift* and then release it and press a key – *Shift* key will be highlighted until you press some other key, indicating the next key pressed will be shifted.

As You Type

Full Screen Keyboard 3.0 helps you to visualize your typing. As you press buttons, they are highlighted. Moreover, you can set the corresponding option to show the target sign in the center of the spot you touched. This will help you better aim right buttons and improve your typing skills.