Penpower Handwriter for Mac
User Manual

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Contents

The software application may have a newer version at the time when this product was being manufactured and/or packaged. If the content on your application screen differs from your User Manual, please follow the latest application screen upon installation.

1 **Product Features**

In this chapter, you will be able to learn:

Product Features

Chapter 1 Product Features

Multilanguage recognition kernel
Recognizes over 23,000 traditional and simplified Chinese characters, 4,941 special Hong Kong Chinese characters, English letters, symbols and numbers, Japanese Kanji, Katakana and Hiragana.

Full-screen inputting
Allows you to write continuously many characters at one time. It can be used together with software application such as iWork, Mail, or Microsoft Word... etc.

Inputting frame
Multiple inputting frames allow continuous inputting of characters, compatible with a variety of application software

Cursive writing recognition
Capable of recognizing extremely cursive handwriting accurately.

No particular writing order
No particular stroke order is required for accurate character recognition.

Artificial intelligence recognition kernel
Adapts to your handwriting styles and thus becomes your highly personalized handwriting recognition system.

Dictionary and Inputting Tools
Provides dictionary by radical or number of strokes for checking Chinese characters. Also included in the system are Zhuying, Pinyin and Cantonese Pinyin inputting methods.

Stroke color and writing speed
Provides different writing speed and different color of strokes. It also provides different ink width to make writing more fun.

Signature
You can put your signature anywhere in your iWork documents, even overlapping on top of your documents. Signature can also be inserted into Mail and be sent along with e-mail.

$\mathscr{2}$Installation

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In this chapter, you will be able to learn:

System Requirements

Installing Penpower Handwriter

Installing Tablet Driver

Chapter 2 Installation

2.1 System Requirements

1. Intel based Mac

2. Mac OS X 10.4 version or later version

3. USB port

2.2 Installing Penpower Handwriter

1. Insert the installation CD and double-click "Setup", the main installation window will appear as the following:
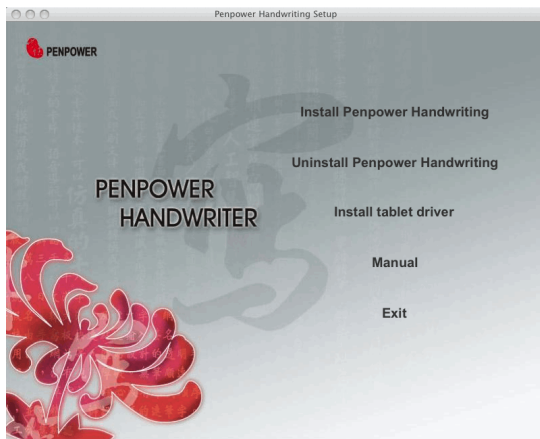
2. Click "Install Penpower Handwriting" and follow the instructions to install Penpower Handwriting.

   Note: During the installation, the system may ask you to input the user name and password. For installing properly, please input the administrator user name and password.
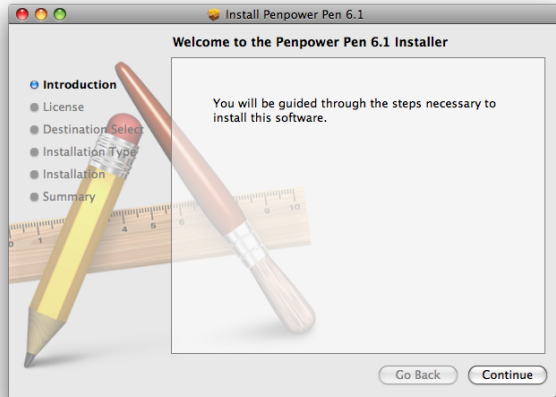
2.3 Installing Tablet Driver

1. Plug in the USB cable of the tablet to a computer USB port.

2. If first time plugging in the tablet and see a keyboard setting window, please click [Close] button to close it.

3. Click "Install tablet driver" and follow the instructions to install the tablet driver.

   Note: During the installation, the system may ask you to input the user name and password. For installing properly, please input the administrator user name and password.

4. Restart the system to install the tablet driver properly.

3 Penpower Full Screen

. . . .

In this chapter, you will be able to learn:

 Relationships among the Pen, Tablet and Screen

 Penpower Full Screen Introduction

 Penpower Full Screen Buttons

 Settings

 Practice Full Screen Writing

Chapter 3 Penpower Full Screen

Penpower Full Screen is an environment of full screen continuous handwriting. It can be used together with software application. You can write anywhere on the screen, the recognized characters are sent to the cursor location.

3.1 Relationships among the Pen, Tablet and Screen

The rectangle area on the tablet is directly matched to the screen. The top left corner matches the top left corner of computer screen.

When you move your pen close to the tablet without touching it, the pen works as a mouse. When you press the pen against the tablet, it serves as pressing on the mouse.

"Writing on the Screen" means writing on the tablet, and the handwriting displays on the screen. It is not physically using the pen to write on the screen.

3.2 Penpower Full Screen introduction

Run [Go/Applications/Penpower Pen/Penpower Handwriter.app] to launch the Penpower Full Screen toolbar. Or click [Full Screen] button to switch to Penpower Full Screen mode if you are in the Penpower Writing Pad mode.
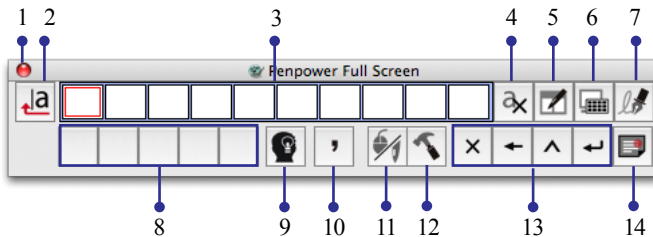
1. Close	6. Input Tool	11. Mouse/Pen State Switch
2. Send/Undo	7. Signature	12. Settings
3. Editing Area	8. Candidates	13. Editing Tools
4. Delete	9. Artificial Intelligence	14. About
5. Writing Pad	10. Frequently Used Symbols	

3.3 Penpower Full Screen Buttons

1. Close: Exit Penpower Handwriting system.

2. Send /Undo : Send the recognized texts from the Editing Area to the editing application. After sending the texts, the [Send] button will become Undo . Click it to restore the texts of the Editing Area and return to the previous status. This function will be affected before you begin to write a new character.

3. Editing Area: All text inputs will be temporarily stored here.

4. Delete : Delete the selected text in the Editing Area.

5. Writing Pad : Switch to Penpower Writing Pad mode.

6. Input Tool : A supplementary tool with pinyin, keyboard and symbols.

7. Signature : Sign your signature or draw a picture in the document. Draw or sign your name any place in the screen.

   Blue : Set ink color.

   10 : Set ink width.

   : Delete all of the signature and drawing.

   : Restore one stroke of signature.

   : Undo one stroke of signature.

   × : Cancel the signature and return to Full Screen Mode.

   ✓ : Finish the signature and insert the signature next to the cursor.

   Note: Signature function does not support Office.

8. Candidates: Display recognition candidates. If the recognition was faulty the candidate characters function can be used to fix characters that are wrong.

9. Artificial Intelligence : Learn from the way you write the character so to recognize the character correctly next time. If the candidate character field does not show the correct character for use, click on the [Artificial Intelligence] to correct and learn your writing.

10. Frequently Used Symbols ⌐ : Provide frequently used symbols such as ，。
 、：；？！. Click one symbol to input it to the cursor location.

11. Mouse/Pen State Switch: Switch handwriting pen as Pen & Mouse mode 🖐 ,
 Pen mode only 🖊 , or Mouse mode only 🖱 .

 Note: In Mac OS X 10.4, it only supports Pen mode only 🖊 and Mouse mode
  only 🖱 . Mac OS X 10.5 supports all the modes.

12. Settings 🖍 : Provide default writing mode, output mode, handwriting color,
 handwriting line size, writing speed and recognition language settings.

13. Editing Tools: Provide delete ⌧ , backspace ⌫ , Insert a space ⌃ and enter ↵
 for editing the texts in the editing application.

14. About 🗔 : Display the application name, version and copyrights.

3.4 Settings

Click [Setting] 🖍 button, the following window appears.
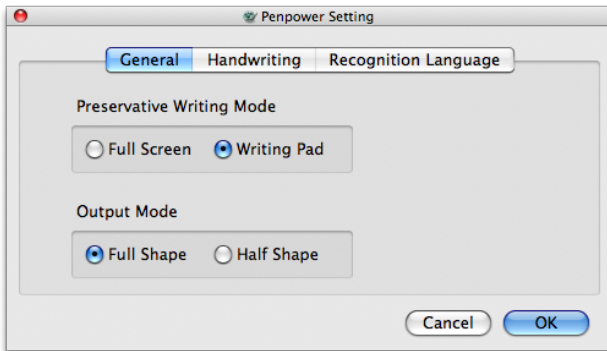
3.4.1 General Settings

 Preservative Writing Mode: You may select Full Screen or Writing Pad mode
as the default writing mode. When running Penpower Handwriter, it shows that
mode directly.

 Output Mode: Set whether recognized alphabets, numerals or symbols should
be output as full shape or half shape encoding.

3.4.2 Inking Setting

Click [Handwriting] tag, you can set handwriting color, handwriting line size and writing speed here.
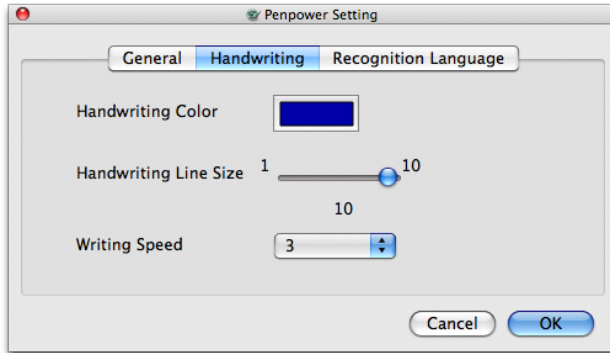
1. Handwriting Color: Set the color to use for the writing trace.

2. Handwriting Line Size: Set how thick the writing trace should be.

3. Writing Speed: Set the writing delay. The smaller the delay means the shorter the wait before recognition begins after user stops writing. If your writing speed is slower, you can set the [Writing Speed] value higher.

3.4.3 Recognition Language

Click [Recognition Language] tag, you can set the recognition language and Chinese output character.
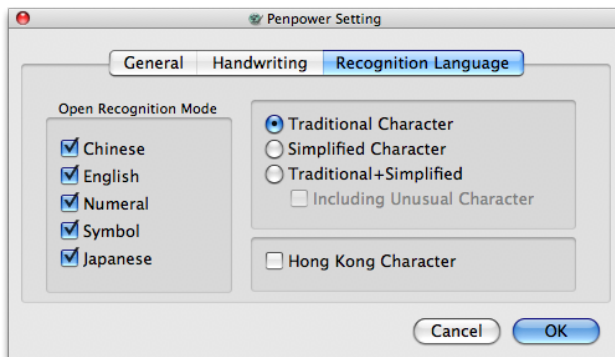
1. Open Recognition Mode: Penpower Handwriter provides Chinese, English, Numerals, Symbol and Japanese. The modes can be selected as necessary though selecting fewer modes improves recognition accuracy.

2. Traditional Character: Always output Traditional Chinese whether written as Traditional or Simplified.

3. Simplified Character: Always output Simplified Chinese whether written as Traditional or Simplified.

4. Traditional+ Simplified: When written as Traditional Chinese the output will be Traditional Chinese; when written as Simplified Chinese the output will be Simplified Chinese.

5. Unusual Character: Allows recognition of very rarely used Chinese characters. This option should not be used if possible as it may affect the recognition of standard Chinese characters.

6. Hong Kong Character: When the [Hong Kong Character] option is checked the recognition engine will include 4702 characters specific to Hong Kong region. If you do not need to input Hong Kong characters do not check this option.

   Note: Simplified Character does not include Hong Kong Character. When select Simplified Character, the Hong Kong Character option will be disable.

3.5 Practicing Full Screen Writing

1. Open an editing application for inputting characters, such as iWork, Mail, or Microsoft Word... etc.

2. Run Penpower Full Screen.

3. Keep your eyes on the screen, so you can see what you write, write on the tablet one character, such as 大.

4. Write other two characters continually, such as 中 and 小, make sure that there are enough space between adjacent characters.
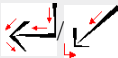
$$大\ 中\ 小$$

5. Adjust the size of your handwriting to achieve a greater accuracy of recognition.

6. Practice more so you know how many characters you can write on the tablet to achieve faster text inputting.

7. Select a character from Candidates Area when you need to correct the recognition result.

8. The recognized results will be sent from the Editing Area to the editing application when the Editing Area is full. You can also click [a] to send the recognized results.

Tips

Penpower provides four standard editing symbols: delete, backspace, enter and space bar. These are as follows:

1. Delete : Delete the character after the cursor.

2. Backspace : Delete the character before the cursor.

3. Enter / : Change line in the cursor point. Or

4. Space : Insert a blank in the cursor.

4 Penpower Writing Pad

In this chapter, you will be able to learn:

 Launching Penpower Writing Pad

 Penpower Writing Pad Introduction

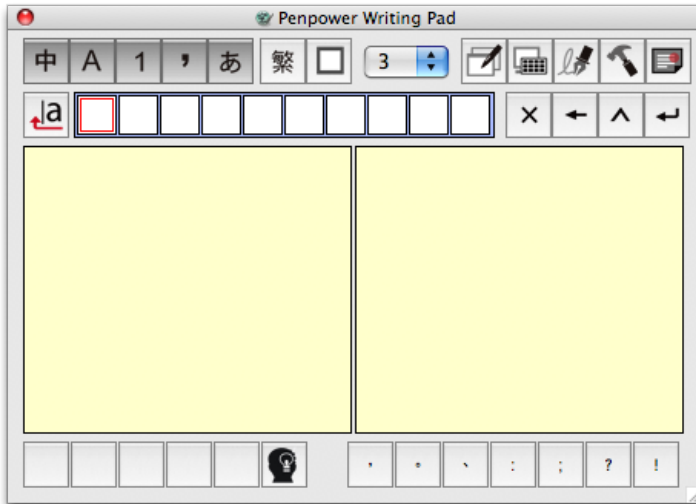 *Penpower Writing Pad Buttons*

 Settings

Chapter 4 Penpower Writing Pad

The Penpower Writing Pad is a handwriting input tool based on writing cells. With a comprehensive set of editing function buttons integrated into the interface, users can edit their texts with ease. Users can also customize and quickly insert symbols, common words and their signatures.

4.1 Launching Penpower Writing Pad

Run [Go/Applications/Penpower Pen/Penpower Handwriter.app] to launch the Penpower Writing Pad. Or click [Writing Pad] button to switch to the Penpower Writing Pad if you are in the Penpower Full Screen mode.

4.2 Penpower Writing Pad Introduction
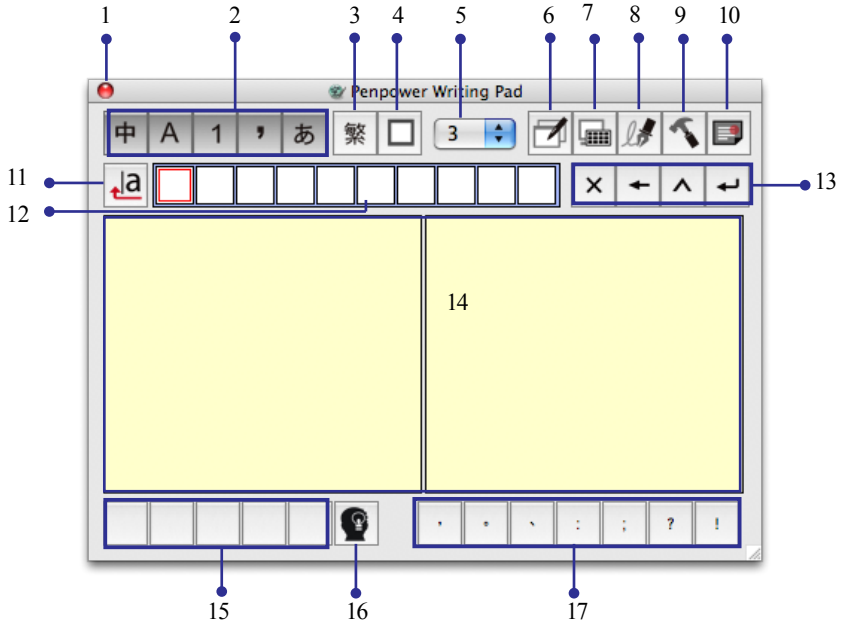
1. Close

2. Recognition Mode Settting

3. Traditional/Simplified Chinese setting

4. Full /Half Shape (Output Mode Setting)

5. Writing Speed

6. Full Screen

7. Input Tool

8. Signature

9. Settings

10. About

11. Send /Undo

12. Editing Area

13. Editing Tools

14. Writing Pads

15. Candidates

16. Artificial Intelligence

17. Frequently Used Symbols

4.3 Penpower Writing Pad Buttons

1. Close: Exit Penpower Handwriting system.

2. Recognition Mode: Penpower Writing Pad provides five recognition kernel buttons for you to choose. Click the buttons to select the recognition kernels.

   Chinese 中 : Recognizing Chinese characters.

   English A : Recognizing English letters.

   Numerals 1 : Recognizing numerals.

   Symbol , : Recognizing symbols.

   Japanese あ : Recognizing Japanese characters.

3. Traditional/Simplified Chinese setting: Set the output of Chinese characters.

   Traditional Chinese 繁 : Always output Traditional Chinese whether written as Traditional or Simplified.

   Simplified Chinese 简 : Always output Simplified Chinese whether written as Traditional or Simplified.

   Traditional+ Simplified 繁简 : When written as Traditional Chinese the output will be Traditional Chinese; when written as Simplified Chinese the output will be Simplified Chinese.

4. Full □ /Half Shape ▯ : Set recognition result of English alphabets, numerals and symbols by Full Shape □ (two bytes) or Half Shape ▯ (one byte).

5. Writing Speed: Provide nine levels of recignition timing to adapt your writing speed. The smaller the number, the faster the recognition.

6. Full Screen ◢ : Switch to Penpower Full Screen mode.

7. Input Tool ▦ : A supplementary tool with pinyin, keyboard and symbols.

8. Signature ✎ : Sign your signature or draw a picture in the document. Draw or sign your name any place in the screen.

   Blue ▼ : Set ink color.

   10 ▼ : Set ink width.

⬜ : Delete all of the signature and drawing.

↶ : Restore one stroke of signature.

↷ : Undo one stroke of signature.

❌ : Cancel the signature and return to Full Screen Mode.

✔️ : Finish the signature and insert the signature next to the cursor.

9. Settings 🔧 : Provide default writing mode, output mode, handwriting color, handwriting line size, writing speed, recognition language and writing pad layout settings.

10. About 🗔 : Display the application name, version and copyrights.

11. Send 🅰 /Undo 🅰 : Send the recognized texts from the Editing Area to the editing application. After sending the texts, the [Send] 🅰 button will become Undo 🅰 . Click it to restore the texts of the Editing Area and return to the previous status. This function will be affected before you begin to write a new character.

12. Editing Area: All text inputs will be temporarily stored here. The editing tools can be used to edit the texts here before they are sent. When the Editing Area is full, the first character will be sent to the editing application.

13. Editing Tools: Provide delete ❎, backspace ⬅, Insert a space ⌃ and enter ↵ for editing the texts in the Editing Area.

14. Writing Pads: The writing areas, each writing box is for one character.

15. Candidates: Display recognition candidates. If the recognition was faulty the candidate characters function can be used to fix characters that are wrong.

16. Artificial Intelligence 👤 : Learn from the way you write the character so to recognize the character correctly next time. If the candidate characters field does not show the correct character for use, click on the [Artificial Intelligence] 👤 to correct and learn your writing.

17. Frequently Used Symbols: Provide frequently used symbols such as ，。、：；？！. Click one symbol to input it to the cursor location.

4.4 Settings

Click [Setting] ![icon] button, the following window appears.

4.4.1 General Settings
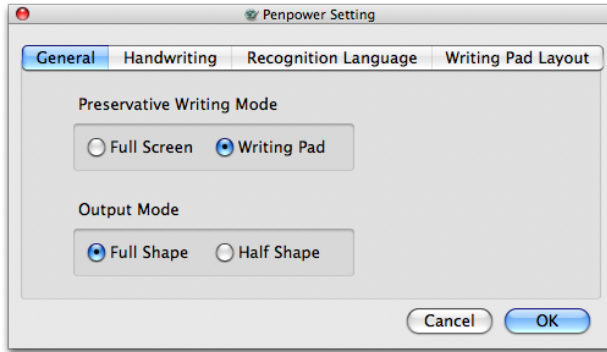
Preservative Writing Mode: You may select Full Screen or Writing Pad mode as the default writing mode. When running Penpower Handwriter, it shows that mode directly.

Output Mode: Set whether recognized alphabets, numerals or symbols should be output as full shape or half shape encoding.

4.4.2 Inking Setting

Click [Handwriting] tag, you can set handwriting color, handwriting line size and writing speed here.
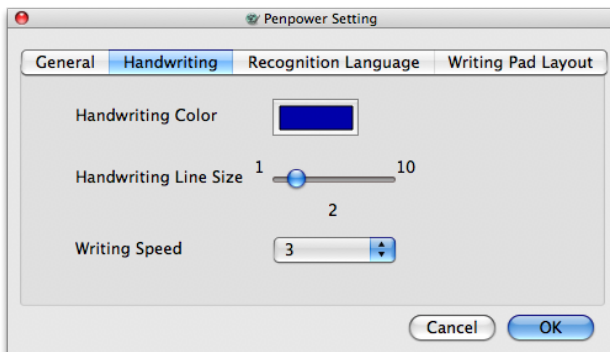
1. Handwriting Color: Set the color to use for the writing trace.

2. Handwriting Line Size: Set how thick the writing trace should be.

3. Writing Speed: Set the writing delay. The smaller the delay means the shorter the wait before recognition begins after user stops writing. If your writing speed is slower, you can set the [Writing Speed] value higher.

4.4.3 Recognition Language

Click [Recognition Language] tag, you can set the recognition language and Chinese output character.
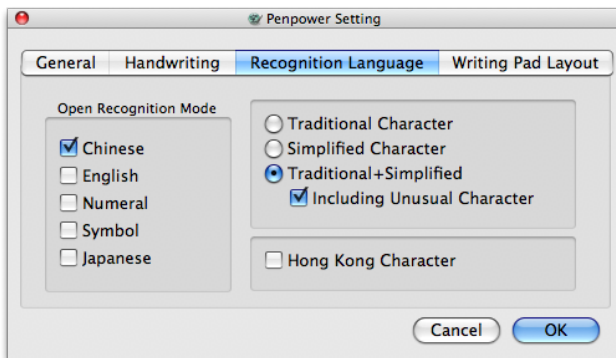
1. Open Recognition Mode: Penpower Handwriter provides Chinese, English, Numeral, Symbol and Japanese. The modes can be selected as necessary though selecting fewer modes improves recognition accuracy.

2. Traditional Character: Always output Traditional Chinese whether written as Traditional or Simplified.

3. Simplified Character: Always output Simplified Chinese whether written as Traditional or Simplified.

4. Traditional+ Simplified: When written as Traditional Chinese the output will be Traditional Chinese; when written as Simplified Chinese the output will be Simplified Chinese.

5. Unusual Character: Allows recognition of very rarely used Chinese characters. This option should not be used if possible as it may affect the recognition of standard Chinese characters.

6. Hong Kong Character: When the [Hong Kong Character] option is checked the recognition engine will include 4702 characters specific to Hong Kong region. If you do not need to input Hong Kong characters do not check this option.

> Note: Simplified Character does not include Hong Kong Character. When select Simplified Character, the Hong Kong Character option will be disable.

4.4.4 Layout Setting

Click [Writing Pad Layout] tag, you can customize the layout.

1. Display check boxes: Check the check boxes to display the Editing Area, Candidates, Frequently userd symbol field. Uncheck the check boxes to hide them.

2. Writing box: Configure the interface to use 1~5 cells for handwriting recognition. 1 cell allows only 1 character to be written each time. 2~5 cells allow multiple characters to be written in each cell in each time.

3. Writing Pad Color: Allows the choosing of a color theme. The four colors available are Green, Pink,Silver and Blue.
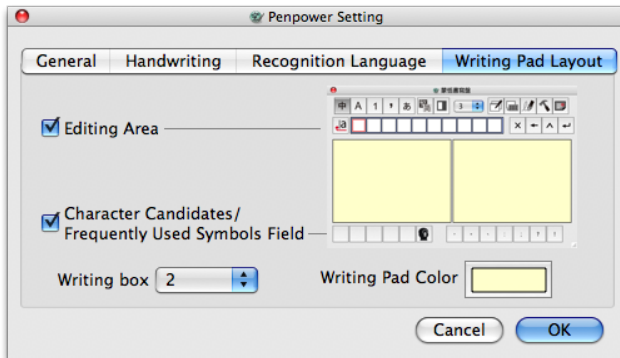
📕 *Tips*

Penpower provides four standard editing symbols: delete, backspace, enter and space bar. These are as follows:

1. Delete : Delete the character after the cursor.

2. Backspace : Delete the character before the cursor.

3. Enter / : Change line in the cursor point. Or

4. Space : Insert a blank in the cursor.

5 **Penpower Input Tool**

In this chapter, you will be able to learn:

 Run Penpower Input Tool

 Pinyin Input Tool

 Keyboard Input Tool

 Symbol Input Tool

Chapter 5 Penpower Input Tool

Penpower input tool is a very powerful supplementary tool with pinyin, keyboard and symbol. It makes life much easier to enter those extremely difficult or rare characters.

5.1 Run Penpower Input Tool

Click [Input Tool] 🔳 button from the tool bar of the Penpower Writing Pad or Penpower Full Screen to open the Penpower Input Tool window.

5.2 Pinyin Input Tool

Pinyin Input Tool includes [Zhuying pinyin] and [Cantonese pinyin] input tool. You can input Chinese characters by entering zhuying or Cantonese pinyin.

Select zhuying or Cantonese pinyin directly from the buttons, the candidates will be shown on the yellow background field. Click [<<] or [>>] to see more candidates. Select a candidate to input the Chinese character into the cursor location of the software which you are editing.
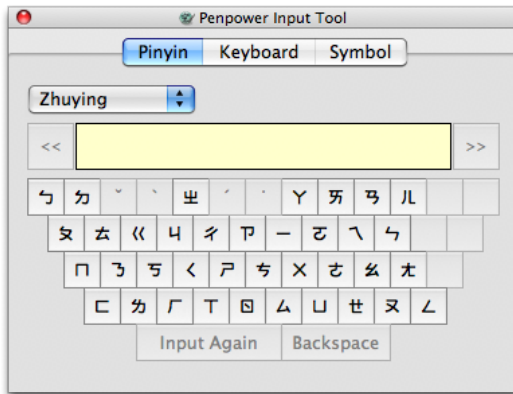

Note: If the International language settings of your OS set the Traditional Chinese as the second language, the Pinyin method will be [Zhuying pinyin] and [Cantonese pinyin]. If you set the Simplified Chinese as the second language the Pinyin method will be [Pinyin].

5.3 Keyborad Input Tool

Keyborad Input Tool is a virtual keyboard, includes [Keyboard Input] and [Encoding Input].
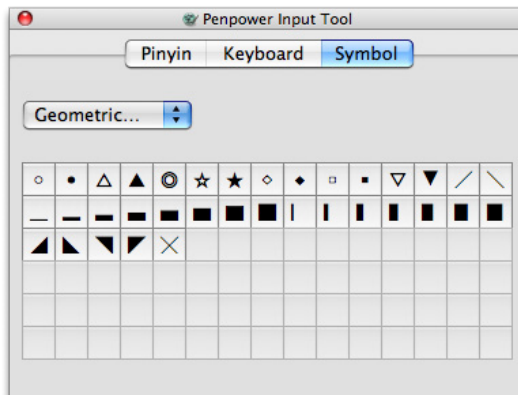
Keyboard Input: Each button corresponds to the real keyboad button.

Encoding Input: Enter four encoding buttons, will get a two-byte character.
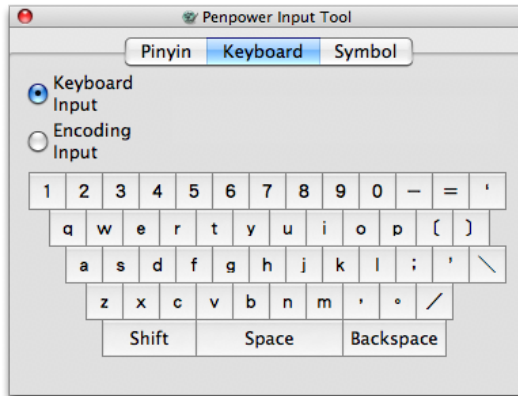
5.4 Symbol Input Tool

Symbol Input Tool provides eight kinds of Symbols for easily inputting the Symbols into the cursor location of the software which you are editing.

Penpower Handwriter for Mac User Manual

Manufacturer: Penpower Technology Ltd.
Version: 6.1
Release: June, 2009