Penpower Jr. User Manual

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Penpower Technology Ltd.,

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Chapter 1 Product Overview

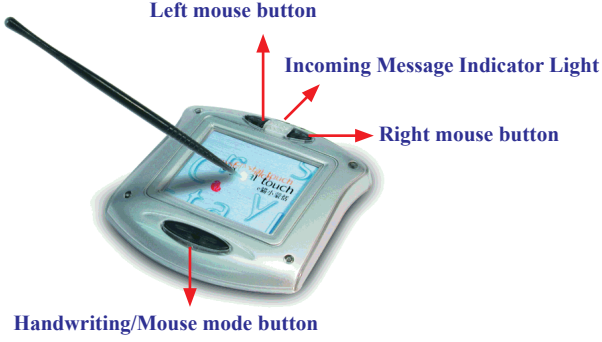
Penpower Junior is available in five models: Penpower Jr. Crystal Touch, Penpower Jr. Silver/Steel, Penpower Jr. Diamond, Penpower Jr. miniCard and Carefree Pen. You may choose the model most appropriate to your personal requirements.

1.1 Penpower Junior Series Overview

1.1.1 Penpower Jr. Crystal Touch

Equipped with a message alert function it flashes and plays music to notify the user that there is an incoming message. The cute design makes it suitable for young MSN users.

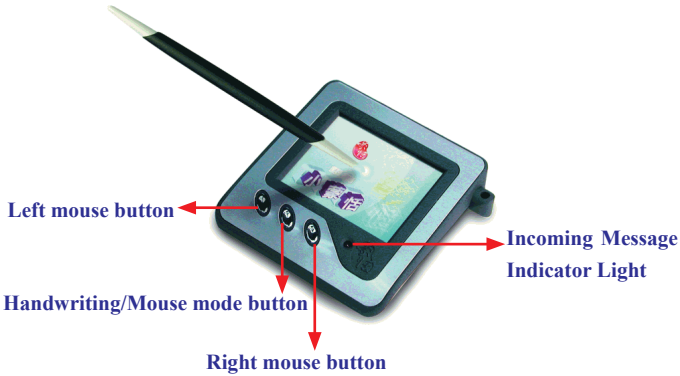
Active Pad Area: 2x1.5″



1.1.2 Penpower Junior Silver/Steel

This innovative touch pad is not only light and compact but also combines a metallic pad with the texture of leather. Supports incoming message alerts so when an e-mail is received it flashes.

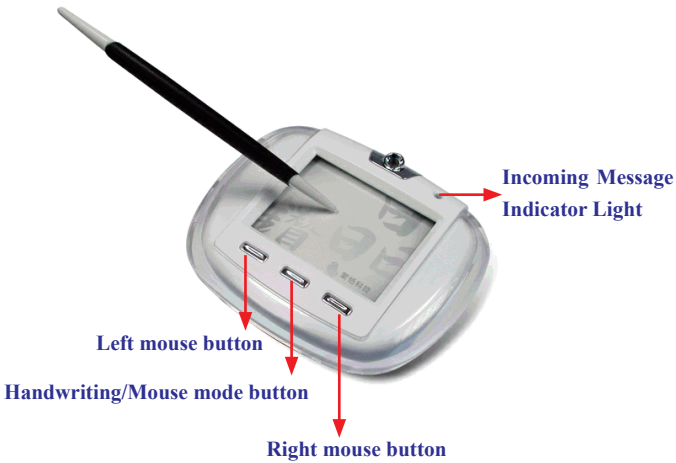
Active Pad Area: 2x1.5″



1.1.3 Penpower Junior Diamond

The eye-catching appearance makes this the new choice for the young and trendy. Available in diamond white and diamond black. Supports incoming message alerts so when an e-mail is received it plays music and flashes.

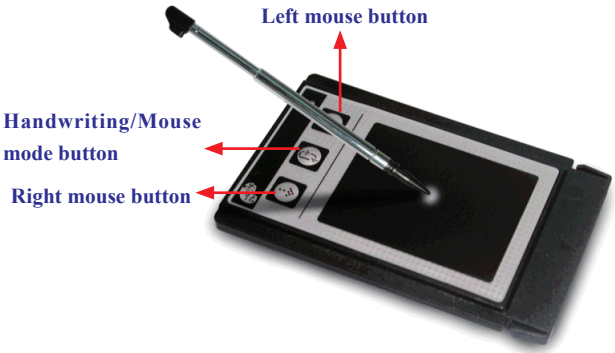
Active Pad Area: 2x1.5″



1.1.4 Penpower Junior miniCard

This mini touch pad is designed for use with notebooks. The size of a standard PC card (PCMCIA), it can be stored away in the notebook computer's PCMICA slot when not in use.

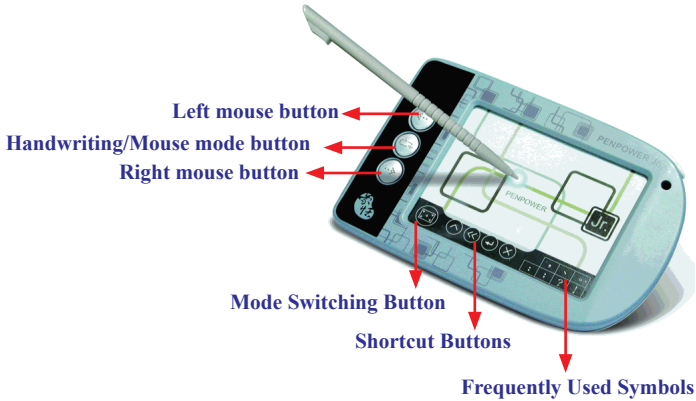
Active Pad Area: 1.7x1.3″



1.1.5 Carefree Pen

The user can change the picture card under the touch pad surface at any time.

Active Pad Area: 3x2″



Mode Switching Button:

Under new handwriting/mouse mode clicking on this button switches between the handwriting and mouse mode; in traditional mode, clicking on this button switches between full-screen and writing pad handwriting modes.

Shortcut Buttons:

From left to right, these are used for Insert Space, Delete Previous Character, New Line and Delete Next Character.

Introduction

Unicode recognition kernel

Support unicode system to input Traditional and Simplified Chinese easily.

All in one recognition kernel of Big5 and GB

The character set can be recognized including more than 23000 Chinese words, 4941 HongKong words, alphabet,numeric, symbol, Hiragana, and Katakana.

Artificial Intelligence recognition kernel

After you correct the recognition result from candidate or AI dialog, the system will modify its recognition database to adapt your personal writing style. This would improve the recognition rate for yourself.

Full screen multi-words free writing

It is allowed to handwrite multiple words before recognition at one time based on the advanced character segmentation technology.

Free writing recognition kernel

Not only the stroke order is free, but even though the careless or illegible continuous free writing could be recognized correctly.

Smart Handwriting/Mouse Mode:

This brand new Penpower mouse is more intuitive and easier to use. Additional symbols and symbol shortcuts are also provided for your convenience.

Other auxiliary function

provide many usefully functions, such as related phrase, related word, special symbol table, homophone,dictionary, learning string, color inking and sound effect...etc, to make input easier.

Word Learning Wizard

All new word learning wizard mode making it easy to set up and manage learning dictionary.

Chinese-English Translation:

Online dictionary with real-time translation between Chinese and English with 139,000 English to Chinese and 76,000 Chinese to English entries.

Penpower VoiceReader

Integrate the Text-to-Speech technology to read aloud the Chinese article content within any window.

Transparent signature

Directly super-impose your signature at the desired area in a Word or Excel document without disrupting the document layout. Or insert your signature into IE, Netscape and Eudora e-mails and send it to other people.

Balloon UI

The visual user interface is hidden transparently. The function tool bar will be popped up on the word where the cursor is.

Mail Alert (Only supported by Crystal Touch, Silver/Steel and Diamond)

Auto receive eamil from internet and announce the user by blink or music.

Mail account management (Only supported by Crystal Touch, Silver/Steel and Diamond)

Support account filter and multi-account management.

Inking on MSN Messenger

If you have MSN Messenger 6.1 or above installed, you will be able to transmit handwriting and hand-drawn graphics through MSN Messenger for that extra personal touch.

Fast User Switching

Windows XP/Vista fast user switching supported so every user can have access to their personal settings.

Chapter 2 Installation

2.1 System Requirement

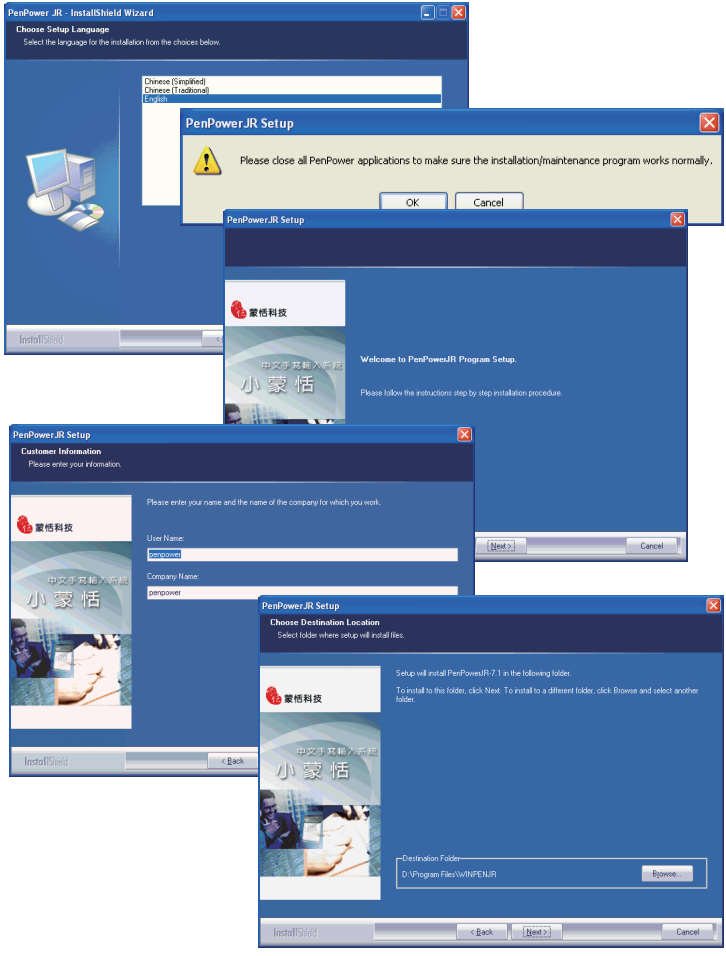
1. Intel Pentium processor or compatible
2. 64MB RAM
3. 150MB disk space
4. Windows 2000/XP/Vista
5. USB Port

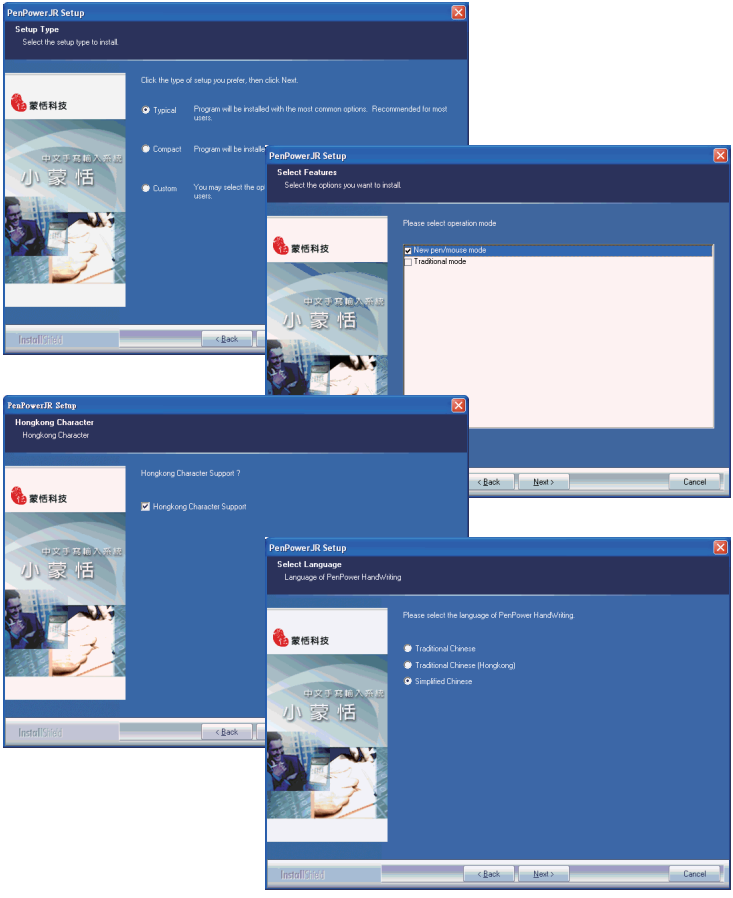
2.2 Handwriting Software Installation

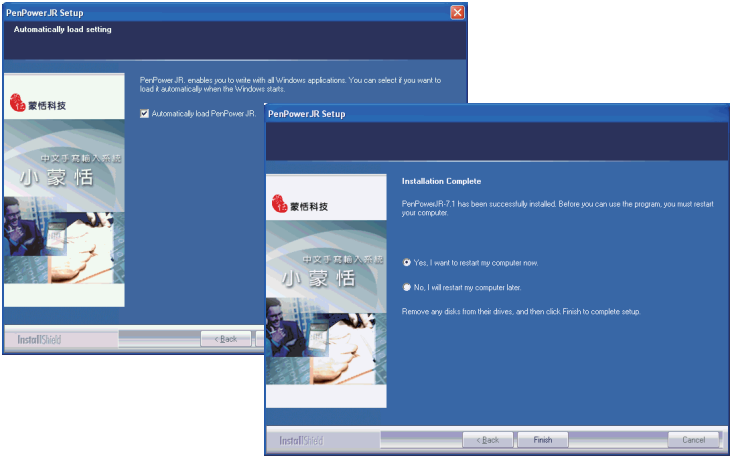
1. Please insert CD-ROM disc into the CD-ROM drive and the system will automatically launch setup.exe. Select the “Install Penpower Jr.” option.

2. Please select your Penpower Junior model then press the “Confirm” button.

3. Please select the language version you wish to install then press “Confirm”. Please close all Penpower applications to ensure that the install/repair process will run properly. Follow the instructions on screen and carry out the installation process as directed. When installation is complete, please restart your computer.


PenPower JR - InstallShield Wizard
Choose Setup Language
Select the language for the installation from the choices below.
Chinese (Simplified)
Chinese (Traditional)
English
InstallShield
PenPowerJR Setup
Please close all PenPower applications to make sure the installation/maintenance program works normally.
OK
Cancel
PenPowerJR Setup
蒙恬科技
中文手寫輸入系統
小蒙恬
Welcome to PenPowerJR Program Setup.
Please follow the instructions step by step installation procedure.
Next >
Cancel
PenPowerJR Setup
Customer Information
Please enter your information.
Please enter your name and the name of the company for which you work.
User Name:
penpower
Company Name:
penpower
< Back
PenPowerJR Setup
Choose Destination Location
Select folder where setup will install files.
Setup will install PenPowerJR-7.1 in the following folder.
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.
Destination Folder
D:\Program Files\WINPENJR
Browse...
< Back
Next >
Cancel


PenPowerJR Setup
Setup Type
Select the setup type to install.
Click the type of setup you prefer, then click Next.
Typical
Program will be installed with the most common options. Recommended for most users.
Compact
Custom
You may select the op
users.
蒙悟科技
中文手寫輸入系統
小蒙悟
InstallShield
< Back
PenPowerJR Setup
Select Features
Select the options you want to install.
Please select operation mode
New pen/mouse mode
Traditional mode
PenPowerJR Setup
Hongkong Character
Hongkong Character
Hongkong Character Support ?
Hongkong Character Support
PenPowerJR Setup
Select Language
Language of PenPower HandWriting
Please select the language of PenPower HandWriting.
Traditional Chinese
Traditional Chinese (Hongkong)
Simplified Chinese
Next >
Cancel

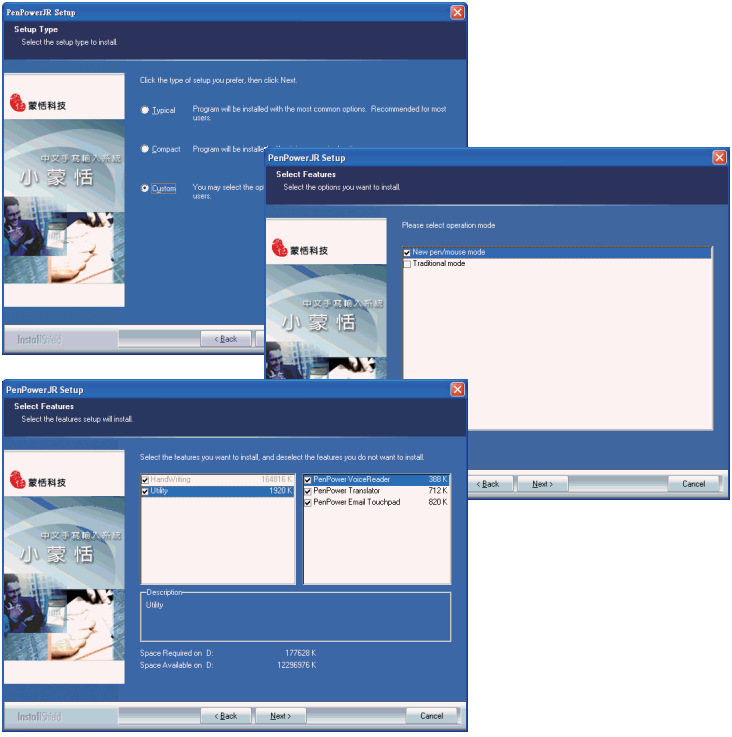


Note: You can select the setup type of typical, compact, or custom.

Note: You can select the language of handwriting recognition kernel.

Note: Enable to auto-load the handwriting software when the windows starts.

Note: Penpower Junior offers two handwriting modes: Traditional and New Handwriting/Mouse. We recommend that you choose to install the New Handwriting/Mouse mode. If you are an existing Penpower Junior user and prefer to use the Traditional mode then you may choose to install the Traditional mode instead. The two modes only differ in their interface but have the same set of functions.



2.3 USB Human Interface Device Installation

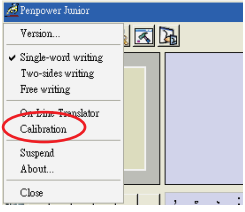
Connect the touch-pad with USB port on computer.

Chapter 3 Hardware Operation

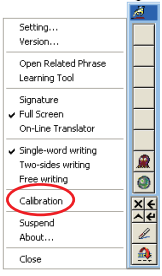
3.1 Calibration

After finishing installation, you should be able to hand write right away. If you found that the inking you wrote is not centered on screen, you need to calibrate your touch-pad to remap the active area.

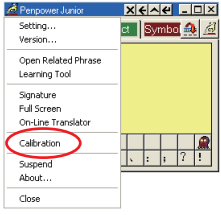
1. If you chose to install the New Handwriting/Mouse mode, please choose the "Calibration" option from the Mouse menu to launch the touch pad calibration program; if you chose to install the Traditional mode, please choose the "Calibration" option from the Full Screen or Writing Pad menu to launch the touch pad's calibration program.



New Mouse mode

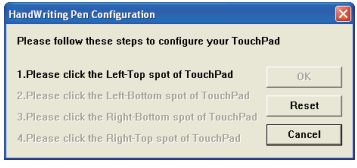


Traditional Full Screen mode



Traditional Writing Pad mode

2. Please click on the four corner spot of touch pad starting from top-left in counterclockwise direction.



TIP : After calibration, the new configuration would take effect immediately. You do not need reboot or reload Penpower Jr. handwriting system.

Note: When calibrating the Penpower miniCard please orient the touch pad so it's in landscape mode.

3.2 Touch-Pad Operation

1. Moving: Put the pen on the touch-pad, and then move it on the panel gently.
2. Click: Hit the touch-pad once.

3. Dragging: Hit the touch-pad twice quickly, and move the pen on the panel while second pen down.

4. Double click: it the touch-pad twice quickly.

5. There are three buttons on the touch-pad as normal mouse functionality, but the middle button is defined to toggle pen mode and mouse mode. The left button would be revised for error correction on pen mode state. While you press the left button once each time, the latest recognized result would be replaced with the next candidate word. It lets you correct the result quickly without switching to mouse mode.

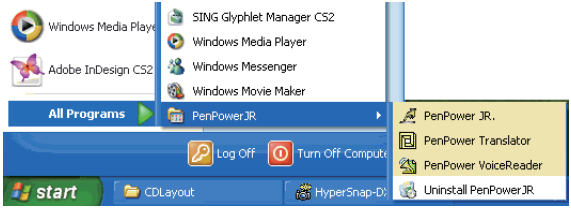
TIP : The three buttons are not on a line for some touch-pad. The alone one is the middle button.

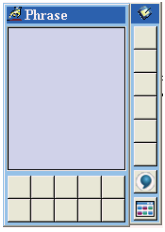
TIP : You can click the mode *button on the window to switch mouse mode and pen mode.*

Chapter 4 New Handwriting/Mouse Mode

4.1 Run Penpower Jr. Handwriting System

Run “Start/All Programs/PenpowerJr/Penpower Jr.”

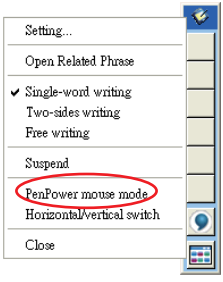




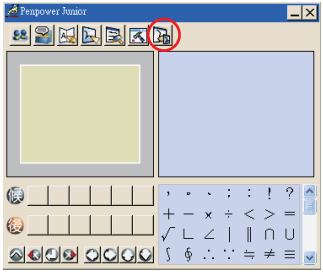
4.2 Switching Modes

When Penpower Junior is launched for the first time it will start in the handwriting mode. Left mouse click on the “Menu” button or right mouse click on the toolbar to open the options menu. Select “Penpower mouse mode” to switch to the mouse mode. In mouse mode, click on the “Switch” button to switch back to the handwriting mode.

TIP: The middle function button on the Penpower Junior touch pad allows fast switching between the handwriting and mouse modes.



Handwriting mode



Mouse mode

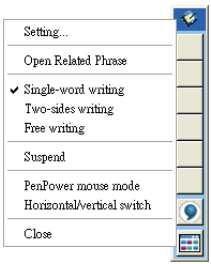
4.3 New Handwriting/Mouse Mode

4.3.1 Handwriting Mode Taskbar

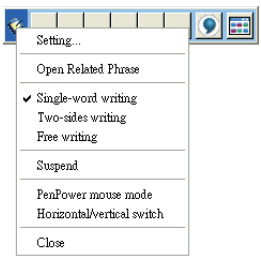
*** Suspend:** Temporarily close the toolbar. To reopen the toolbar go to the Suspend and click on “Writing Mode”.

TIP: You can also minimize the handwriting mode toolbar by double clicking

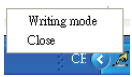
*** Horizontal/Vertical Swicth:** Switch between a horizontal or vertica layout of the toolbar.



Vertical Swicth



Horizontal Swicth



Suspend

4.3.2 Full Screen Handwriting Mode

There are three different options of full screen mode in the main menu.

Single-word writing

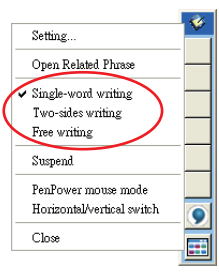
It is allowed to handwrite one word only at one time.You can not hand-write the next word until the recognition result of current word has been finished.

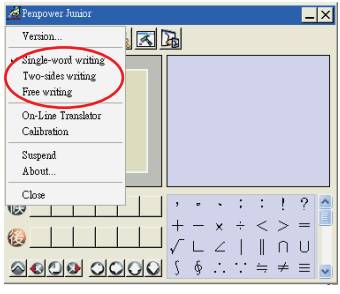
Two-sides writing

After the first stroke is written, one vertical line would be displayed on the center of screen. All the strokes written on the same side would be considered as part of one word. When a new stroke is crossed to the other side, it means that the last word is finished and the next word start to write.

Free writing

You can handwrite multiple characters before recognition at one time. Forty one characters at most is allowed. It permits left-to-right,or top-to-bottom free writing order. Remember to keep adequate distance between two contiguous words when you write. It affects the result of character segmentation.





4.3.3 How to Write

On Free writing mode, it's better to keep strokes of the same word closed, and keep not to overlap between words when you write. You need to finish writing every strokes of one word.

Right example :

Write three words of 『明日月』.

Wrong example 1 :

Overlap between two words. All the strokes may be recognized as one word.

Wrong example 2 :

The two parts of one word are written far away from each other. All the strokes may be segmented into two words.

Auto Phrase Correction

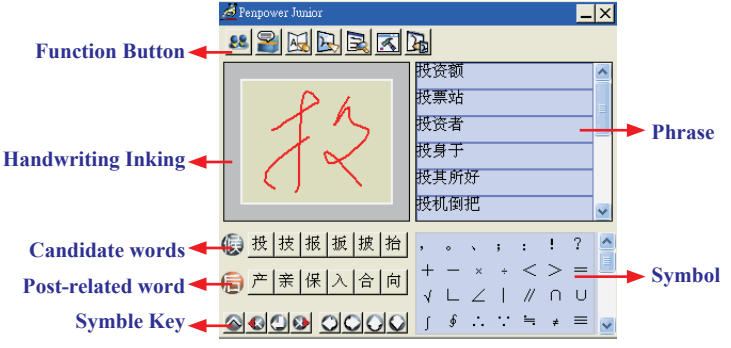
The system automatically proofreads on your writing content to improve the recognition rate. For example, when you continuously write『天下太平』(peace on the earth) four characters, but the character『天』is incorrectly written as『夫』, so they become『夫下太平』. Penpower uses its internal phrase dictionary to correctly recognize your intended result『天下太平』.

4.3.4 How to quickly fix errors, enter phrases and symbols

When writing, candidate words based on the previous input will be displayed on the handwriting toolbar. Each press of the left function button on the touch pad will move the candidate words forward by one and also correct the results, allowing errors to be quickly fixed; the right function button allows the input of six habitual symbols. Alternatively, select a candidate word on the handwriting toolbar to correct it. Press the symbols table button with the mouse to open the symbols table and enter the corresponding punctuation symbol.

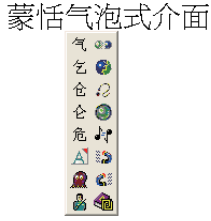
You can also press the middle function button on the touch pad to switch to the mouse mode. In mouse mode, select the candidate word for the candidate words, post-related word, phrase or select symbol input.

For example: In handwriting mode, the input『蒙恬科技』had the character『技』misread as『投』. Here you can press the middle function button on the touch pad to switch to the mouse mode then choose from the candidate words field『技』to correct the mistake. Once fixed, press the middle function button to switch back to the handwriting mode and continue writing.



4.4 Balloon UI

This unique user interface let you edit recognition result freely in any application. The visual user interface is hidden transparently. When you want to correct some word, just move the cursor position on this word for a while. The function tool bar will be popped up there where the cursor is.



TIP : You do not need to press any button after the cursor is moved on the word.

In the function tool bar, click candidate words, AI button, homophone, pre-related word, post-related word or phrase correction to correct the result. click button to see the raw inking. Click button to see the tutor. Click button to input punctuation symbol. Click button to split one word. Click button to merge the word with next word. The button is for the Chinese-English translation function. Details are provided further on.

Note: In New Handwriting/Mouse mode the balloon interface functions can only be operated with the computer mouse.

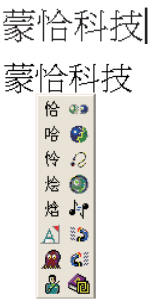
Note: Balloon Interface can be used in Office, IE, WordPad, but on 64 bit systerm, it can not be used in some software, ext. note.

4.5 Result Correction

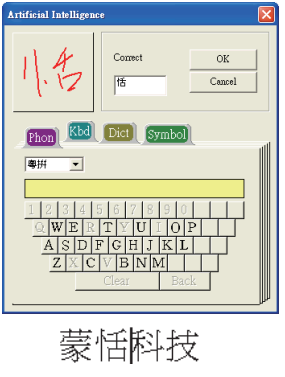
When you use candidate word or AI button to correct result, the system will modify its recognition database to adapt your personal writing style. The may improve the recognition rate.

4.5.1 By Artificial Intelligence

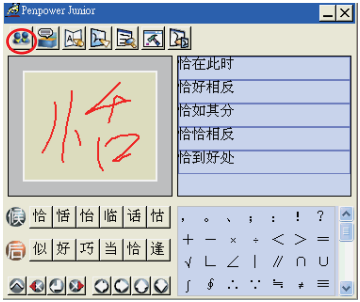
1. Handwrite some words. The result would be sent in the caret.
2. e.g.『恬』is wrongly recognized as『恰』.



3. Move the cursor on the word『恰』for a while to pop up the function tool bar.
4. Click the candidate word if the correct word is there.
5. Otherwise click the AI button to open the AI correction dialog.
6. Input the correct word『恬』, and then click “OK”.
7. You will see the wrong result『恰』is already updated as『恬』. Your personal writing style of inking has also been learned.



TIP: You can also press the touch pad's middle button to switch to the mouse mode. If the correct word appears among the candidate words, simply click on it to make the change. If the correct word is not among the candidate words, press the "Penpower AI" *button to open the AI dialogue field to train the software.*



4.5.2 By related word

For any two contiguous words, the first one is the pre-related word of the second one. The second one is the post-related word of the first one.

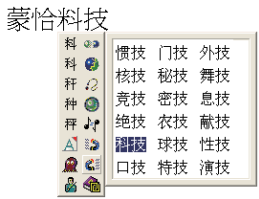
e.g.『科技』, 『科』is the pre-related word of『技』, and『技』is the post-related word of『科』.

1. Handwrite some words. The result would be sent in the caret e.g.『恬』is wrongly recognized as『恰』, and『科』is wrongly recognized as『料』.

2. Move the cursor on the word『恰』for a while to pop up the function tool bar.

3. Click button to open the window of pre-related phrases. If the correct phrase 『蒙恬』is in the list, click it to update the result.

4. Move the cursor on the word『料』for a while to pop up the function tool bar.



5. Click button to open the window of post-related phrases. If the correct phrase 『科技』is in the list, click it to update the result.

6. You will see the wrong result『蒙恰料技』is already updated as 『蒙恬科技』at last.

4.5.3 Merge

When some strokes of one word are written far away from each other, they may be recognized as several words. You can use merge function to combined them into one word.

1. Handwrite two words『栋梁』by free writing. The result would be sent in the caret.
2. If『木』and『东』is written far away from each other, you may wrongly get three words of result『木东梁』.
3. Move the cursor on the first word『木』for a while to pop up the function tool bar.
4. Click button to merge『木』and『东』into『栋』.

木东梁 ↵

木东梁

栋梁 ↵

Note : Only two continuous words could be merged at one time.

4.5.4 Split

When two words are written too close, they may be recognized as single word. You can use split function to separate it into two words.

1. Handwrite four words『日月星辰』by free writing. The result would be sent in the caret.
2. If『日』and『月』is written too close, you may wrongly get three words of result『明星辰』.
3. Move the cursor on the word 『明』for a while to pop up the function tool bar.
4. Click button to separate 『明』into『日』and『月』.

明星辰

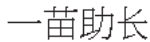
明星辰

日月星辰

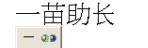
4.5.5 Phrase Correction

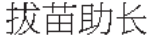
In Full Screen mode if you wish to enter a common phrase such as an idiom, if you aren't sure of how to write one of the characters you can substitute a similar sounding character instead. If you are not sure of the character's pronunciation either, choose any at random. When you have finished writing the phrase, select the uncertain character with the mouse then click on the phrase correction button. The system will examine the four characters before or after this particular character to guess what you meant and make the change.

1. When entering an idiom in Full Screen mode such as『拔苗助长』, if you are not sure of how to write the character『拔』, you can enter the character『一』instead to input『一苗助长』.

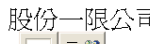


2. Move the mouse over the character『一』and pause for a moment to bring up the "Candidate Characters Window". Click the phrase correction button and the『一』character will be changed to『拔』.





3. If the phrase correction function came up with multiple candidate words, these will be shown in the candidate words window for you to choose from. For example, if the input was『股份一限公司』when you pause the mouse cursor over the『一』character, this will bring up the "Candidate Characters Window". Pressing the phrase correction button will bring up a list of all phrase correction candidate words for you to choose and make the correction with.



4.6 Homophone

If you forget how to write some words, or they are too complicated to write, you can write down some other easy homophone to get the word that you would like to input. e.g. If you want to input the word『豫』:

1. Write any one homophone of『豫』, e.g.『玉』. The result would be sent in the caret.
2. Move the cursor on the first word 『玉』for a while to pop up the function tool bar.
3. Click button to open the window of homophone words.

玉

4. You can Click / / button to toggle other BoPoMo homophone/Cantonese homophone/Beijing homophone.
5. Click『豫』to replace『玉』.

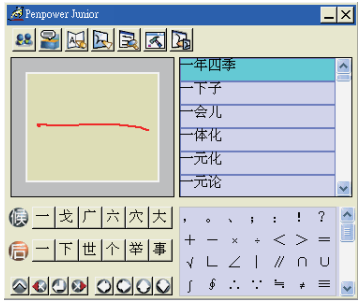
豫

4.7 Related Phrase

4.7.1 Input words by Related Phrase

1. Write down the first word of one phrase. e.g. If you want to input the phrase『一年四季』, just write the first word『一』.
2. Press the middle button on the touch pad to swicth to the Mouse mode. All the phrases beginning with this word『一』will be listed on the phrase area of the Mouse mode.
3. Click the phrase or memorized word that you want to send it into the caret. e.g.『一年四季』.

一|

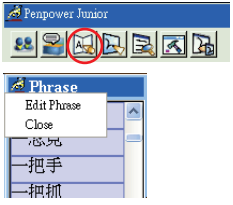


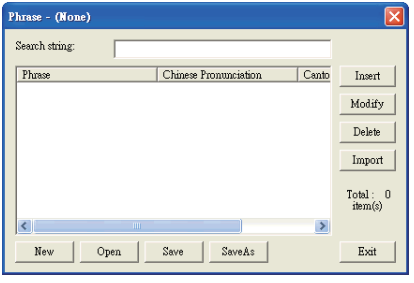
一年四季

4.7.2 Update Phrase Database

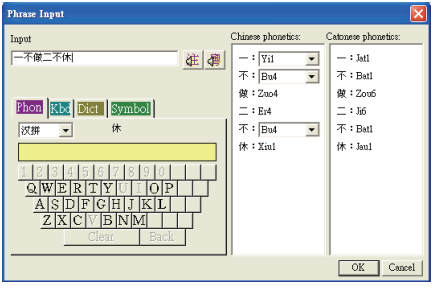
There are thousands upon thousands default phrases that you can use in the Penpower handwriting recognition. It also allows you to customize the phrase database to meet your needs.

1. In Mouse mode press the “Phrase” button . Or in Handwriting mode select “Edit Phrase” from the Associations Dictionary and open the “phrase” dialogue.





2. Click “insert” to open the “Phrase Input” dialog. You can input a new phrase here. e.g. If you want to insert『一不做二不休』as a phrase, input『一不做二不休』.



You need to update the phonetics on the right side. Click / button to hear their pronunciation and check if the one you choose is right.

Note : The maximum length of one phrase is 200 word. In fact, the phonetics is only for VoiceReader to read text with right sound of phonetics. If you do not care, you can skip it.

Click "OK" to finish insertion. Afterward, if you write『一』, then『一不做二不休』would be displayed in the related phrase window. Just click it to input.

3. Selet on phrase from the list, and then click "Modify" to update the phonetics of this phrase. Click "Delete" to delete this phrase from database.
4. In "Search string" field, you can only input part of a phrase to find this phrase quickly.
5. You can use "New", "Open", "Save", "Save As" function to manage your phrase database (*.yib).

Note: Although you can create several phrase database, you can only choose one at one time.

6. Import file

Click "Import" and select one phrase database(*.yib) or text file to import it into current database.

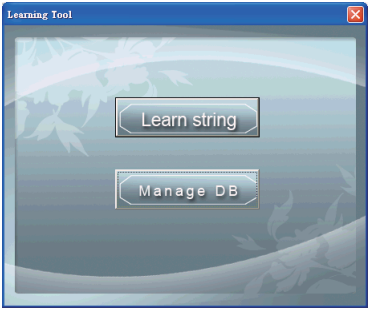
The text file format must follow this rule - one phrase in each line. You can edit it by any editor, e.g. NotePad.

Note: Every imported phrase would own phonetecs by default. Their phonetics may be wrong. You can modify them from phrase dialog.

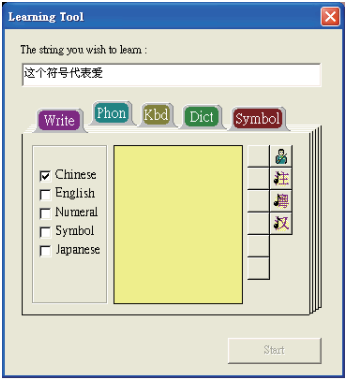
4.8 Learning String

A string is represented by an inking of symbol. So, you can handwrite the symbol anytime and the recognition engine will recognize it as the expanded string. It prevents you from redundant writing.

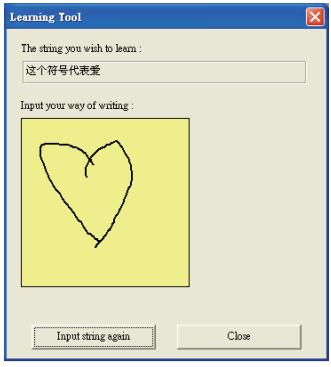
1. In Mouse mode, press the “Learning Tool” button to open the Learning Too Window. Select “Learn String” to open the “Learning Tool” screen.

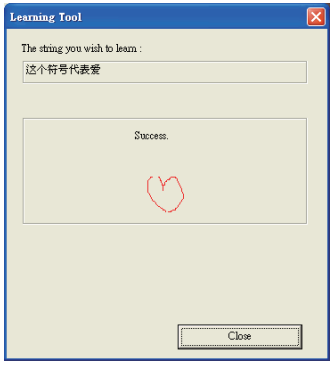


2. Input the string you want to learn, then click on “Start”.

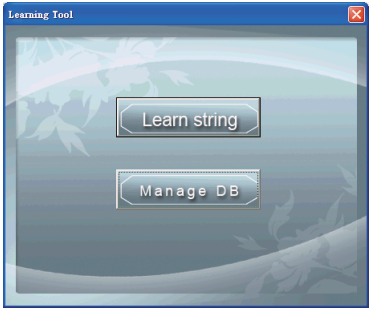


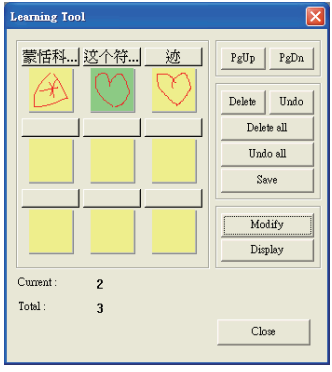
3. Write down your inking twice according to the hint.





4. Click “Manage DB” tag, You can browse the dynamical inking or modify the string you have ever learned here.





4.9 Gesture

Penpower Jr. handwriting system support four standard inking gesture. You can handwriting these gestures to simulate keyboard input.

1. Delete : simulate DELETE key.

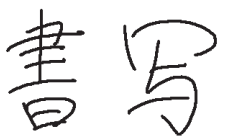
2. Backspace : simulate BACKSPACE key.

3. Enter : simulate ENTER key. or

4. Space : simulate SPACE key.

4.10 Mix Traditional and Simplified Writing

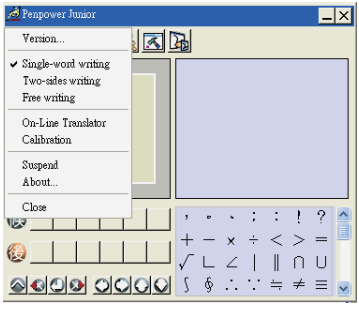
You can mix writing traditional and simplified Chinese words. e.g. Handwrite two words『書写』.

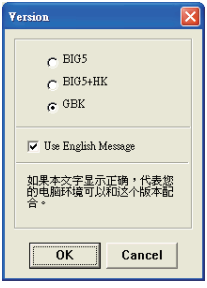


Whatever you wrote, choose different recognition engine to decide the results being traditional or simplified words. Please see 4.12.1 for more details

4.11 Switch Version

1. In Mouse mode, open the Penpower Junior options then select “Version …”.

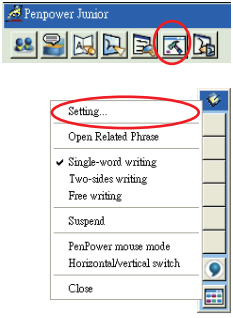


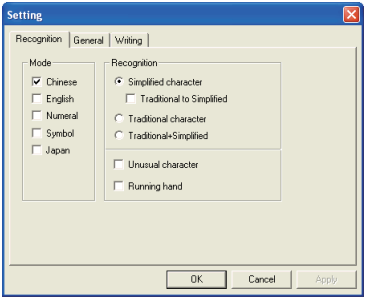


2. Under the Win2000/XP/Vista System for Traditional Chinese, Traditional Chinese (Hong Kong) or Simplified Chinese the output of the handwriting recognition will always be encoded using Unicode. After switching version, if you can not see the message displayed correctly on the bottom, it means that your Windows system may not support this version you chose.
3. Check “Use English Message” option to display all the messages of Penpower Jr. handwriting system in English.

4.12 Setting

In Mouse mode click on the “Setting” button or in Handwriting mode choose the “Setting…” from the menu to open the settings page. You can configure the recognition engine, output format or writing inkings here.





4.12.1 Recognition Setting

Mode:

The recognition mode of Chinese, English, Numeral, Symbol and Japanese could be turned on/off individually. You could turn on several modes at the same time.

Recognition:

a. Simplified character:All the results are simplified words. If you do not know how to write traditional words, you can turn off “Traditional to Simplified” option to disable the traditional writing.

Note : “Traditional to Simplified” option is available only when you switch to simplified version.

b. Traditional character:All the results are traditional words.

c. Traditional+Simplified:You will get traditional words while using traditional writing, and get simplified words while using simplified writing.

Unusual character:

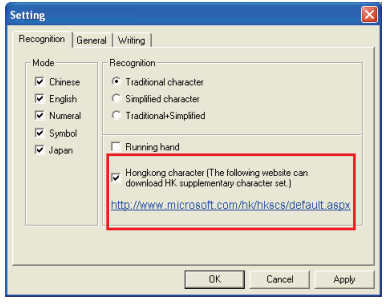
The system will recognize some unusual words only when you turn on "Unusual character" option.

Running Hand:

Check this option to have the software recognize run-on cursive.

Hongkong Character:

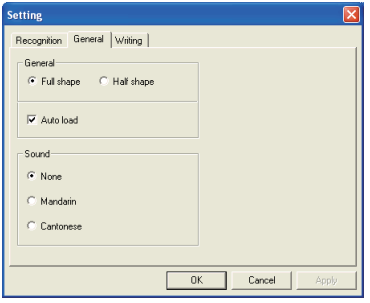
This recognition mode is only available when the Penpower Junior is set to the Traditional Chinese (BIG5) or Traditional Chinese (Hongkong) (BIG5+HK) version. You can connect to Http://www.microsoft.com/hk/hkscs/default.aspx to check the Hongkong characters list.



4.12.2 General Setting

Half shape/Full shape :

To decide whether the hand-writing result of alphanumeric is recognized as one-byte ASCII code or double-bytes code.



Auto load:

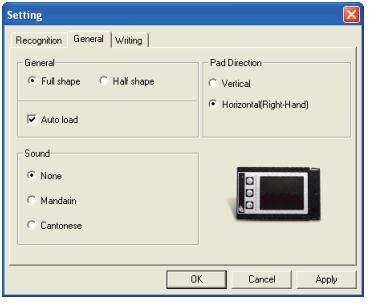
Auto execute Penpower Jr. handwriting system when windows start-up.

Sound:

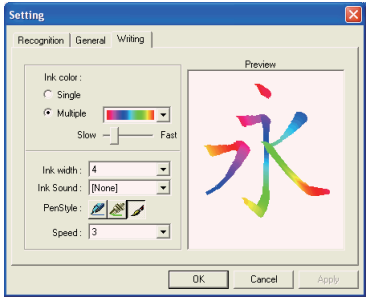
Pronounce the character in Mandarin or Cantonese immediately after recognition.

Touch Pad Direction:

If you are using Penpower Junior miniCard, you can use this feature to set the orientation of the touch pad as Horizontal or Vertical. By default the touch pad is set to Horizontal (Right-Hand) but you can use this setting to change it to portrait.



4.12.3 Writing Setting



Ink color :

Change the color of inking. You can adjust the smoothness of color degree for “Multiple” option.

Ink width :

Change the thickness of inking.

Ink sound :

Change the sound effect while writing.

Pen style :

There three kind of pen style to choose.

Speed :

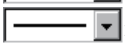
There are several levels of writing speed you can set. After you stop writing, the less the relative value is, the shorter the timeout waiting for recognition is.

4.13 Signature

1. Move the caret to where the signature will be.
2. Open the Mouse mode and press the “Signature” button. The “Welcome to Penpower Signature Tool” screen will be shown and you are now in the signature mode.

3. In signature mode, the right button is defined to toggle pen mode and mouse mode. You must switch to pen mode before start to sign your signature. The left button is defined to change color.

: Change the color of inking.

 : Change the thickness of inking.

: There three kind of pen style to change.

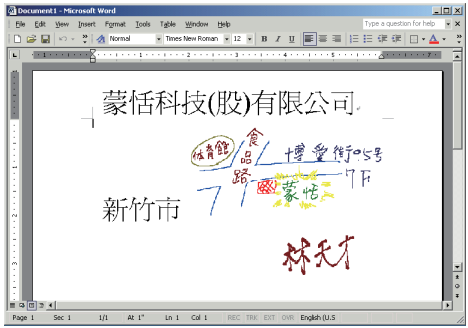
: Clear all.

: Undo one stroke.

: redo one stroke.

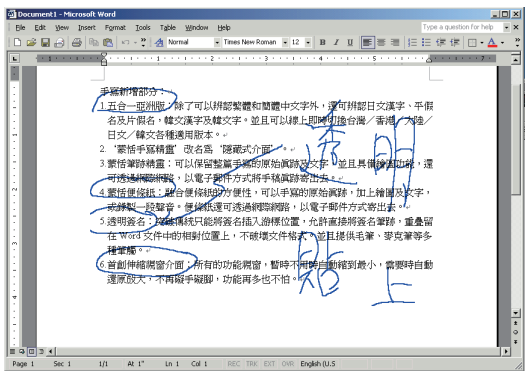
4. Click button to cancel signature.

5. Click button to insert your signature in the caret.



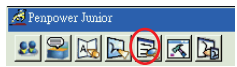
6. Click button to overlap your transparent signature with WORD or EXCEL document.

Note: You can use the transparent signature in the latest Word and Excel, but Office 2007 not support this function. You may make notes and commentary by using transparent signature function.

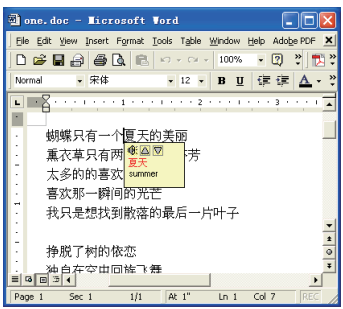


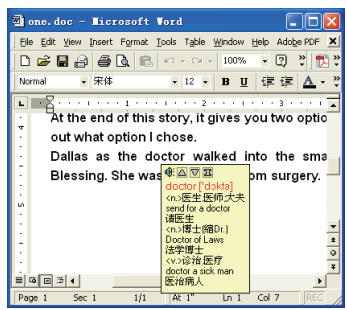
4.14 On-Line Translator

1. Open the Mouse mode and press the “On-Line Translator” button to open the On-Line Translator function. Press the button again to close the function.

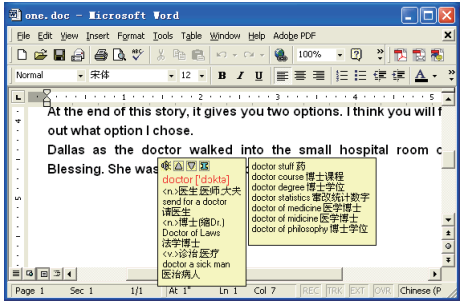


When reading English or Chinese articles, if you encounter unknown characters or phrases, move the cursor over the characters, and a translation window pops up to explain them for you.

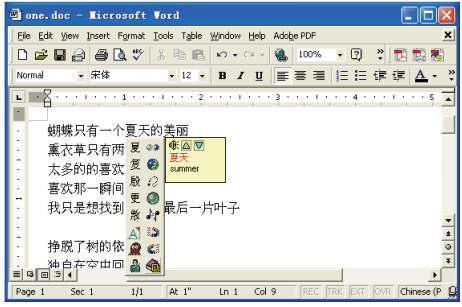




When you move the cursor outside the interactive scope, the window will disappear. In the window, you can press the play button or character / or phrase explanation buttons.



The online translation is used in the balloon interface. When you want to look up a character's translation, select button from the candidate window.

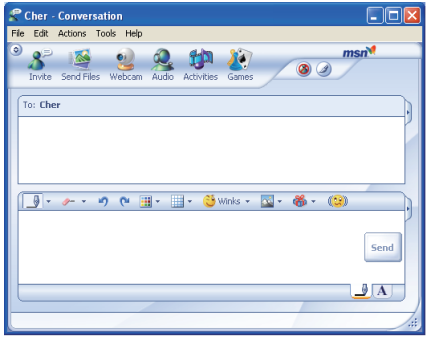


4.15 Using Penpower Jr. in MSN Messenger

Note: You have to install MSN Messenger version 6.1 or higher.

After you have signed in to the MSN Messenger, double click on the person's name to begin the conversation box. Below this conversation box, there are two modes for you to select, including "Handwrite" and "Type" A. You can switch between the input modes as you like.

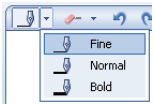
Note: If you can't activate the handwriting mode, please visit the Microsoft website and install the necessary handwriting components.



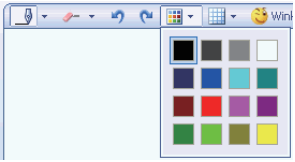
In the Handwrite mode, you can select the font size and font color from the scroll bar menu provided. After the setting has been done, you can write on the tablet and the words will appear as what you have previously set.

If you want to clear the words you have written, you can select and use the eraser shown in the scroll bar.

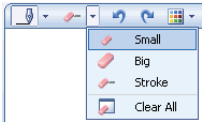
After you have input your message, you can click on "send" to send your handwritten message.



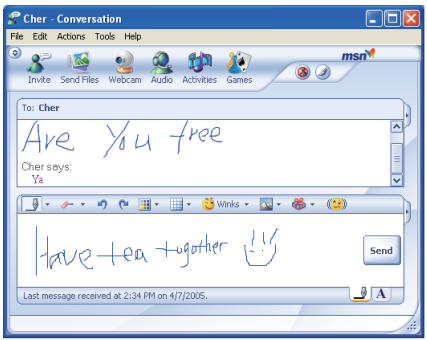
set ink width



set ink color



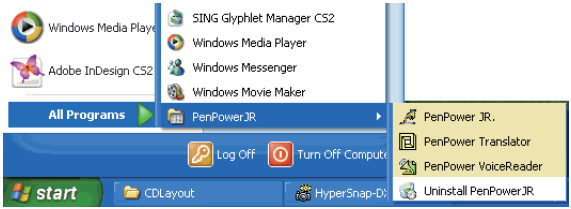
set the rubber



Chapter 5 Traditional Mode

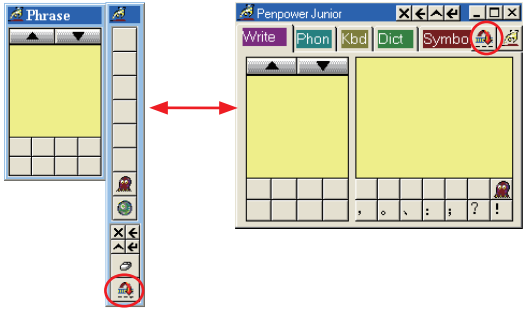
5.1 Run Penpower Jr. Handwriting System

Run “Start/All Programs/Penpower Jr/Penpower Jr.”.



5.2 Writing Mode

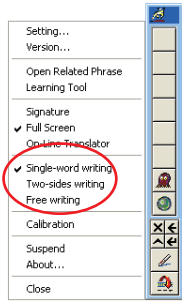
There are two kind of writing modes. One is “Full-Screen” mode, the other one is “Writing-Pad” mode. You can click the button to toggle these two writing mode.



5.3 Full Screen Handwriting

There are three different options of full screen mode in the main menu, Single-word writing, Two-sides writing and Free writing.

Please see Chapter 4.3 for more details.



5.3.1 Balloon UI

This unique user interface let you edit recognition result freely in any application. The visual user interface is hidden transparently.

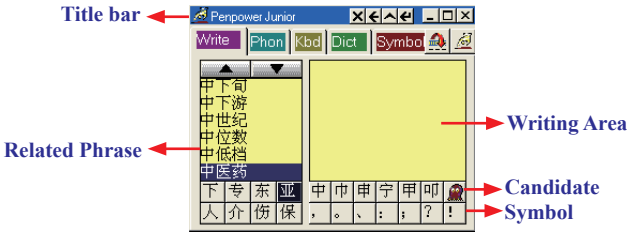
When you want to correct some word, just move the cursor position on this word for a while. The function tool bar will be popped up there where the cursor is.

Please refer to Chapter 4.4-4.6 for more details.

5.4 Writing-Pad

There are five input tools in Writing-Pad: Write, Phonetic, Keyboard, Dictionary and Symbol.

5.4.1 Write Input Tool



You need to click the middle button or click on the writing area switching into pen mode before you start writing. The color of writing area will change from gray into yellow.

The left button would be revised for error correction on pen mode. While you press the left button once each time, the latest recognized result would be replaced with the next candidate word. It lets you correct the result quickly without switching to mouse mode.

Click the middle button or click on the writing area again to switch into mouse mode. The color of writing area will change from yellow into gray.

TIP : The writing-pad adopts shrink-expand user interface. It would expand into normal size when the cursor move on it. Otherwise it will shrink as an small icon ***to avoid occupying the screen.***

5.4.2 Phonetic Input Tool

There are three types of phonetic input tool, BoPoMo, Cantonese and Beijing by default. You can create your own phonetic input tool.

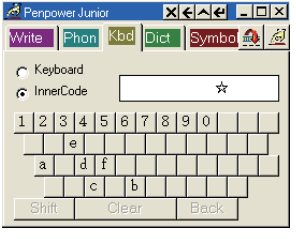
How to Use

1. Select one phonetic input tool of BoPoMo, Cantonese, Beijing or others.
2. Click the phonetic button one by one in order.
3. The converted candidate character would be listed in the text buffer.

5.4.3 Keyboard Input Tool

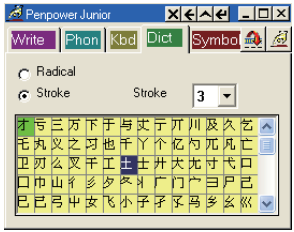
Keyboard : Simulated software keyboard.

Inner Code : e.g. The inner code of [☆] in hexidecimal is A1EE. Click [A],[1],[E],[E] button one by one in order,and then get [☆].

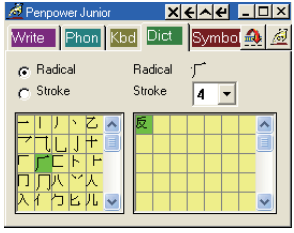


5.4.4 Dictionary Input Tool

Query by stroke :

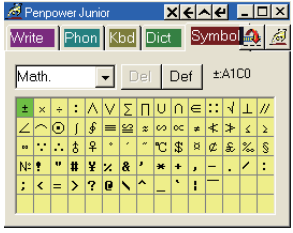


Query by radical :



5.4.5 Symbol Input Tool

The special symbols are grouped into multiple pages of table. Select the suitable table and click the symbol what you want to get. It allows you to customize the symbol tables.

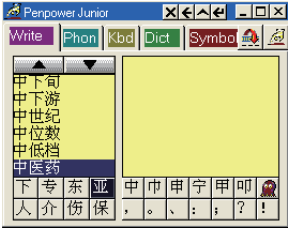


5.5 Phrase

5.5.1 Use Phurase to input words

1. In both the Full Screen and Writing-Pad modes the Associations dictionary window will always be displayed.

Note: In Full Screen Handwriting mode, if the Associations dictionary is closed, select "Open Related Phrase" from the menu to reopen it.



2. Write down the first word of one phrase. e.g. If you want to input the phrase『一方面』, just write the first word『一』.

3. All the phrases beginning with this word『一』 will be listed on the top.

4. All the memorized words you have ever written right following this word『一』will be listed on the bottom.

5. Click the phrase or memorized word that you want to send it into the caret. e.g.『一方面』.

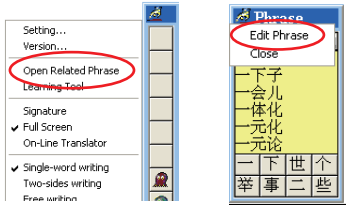
一

一方面

5.5.2 Update Phrase Database

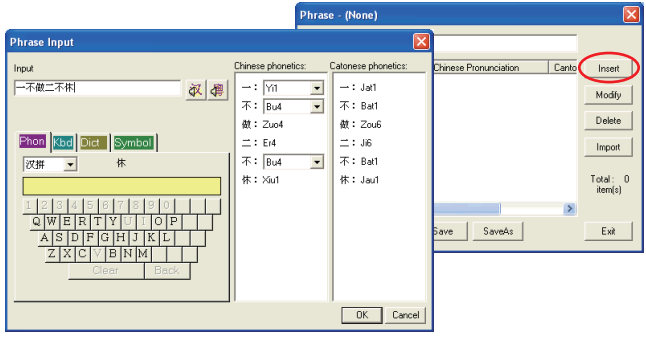
There are thousands upon thousands default phrases that you can use in the Penpower handwriting recognition. It also allows you to customize the phrase database to meet your needs.

1. Open the PenPower Junior main menu and select “Open Related Phrase”. Then select “Edit Phrase” from the Phrase menu to open the “Edit Phrase” diolague to edit the dictionary.



2. Click “Insert” to open the phrase input dialog. You can input a new phrase here.

Please see Chapter 4.7.2 for more details.

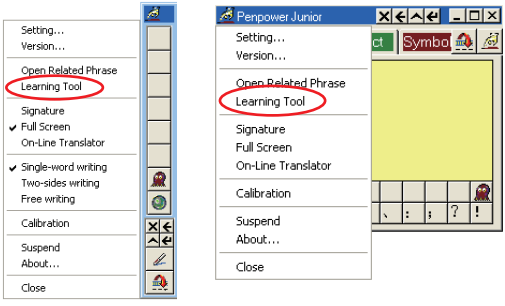


5.6 Other Functions

Learning Tool

Select the “Learning Tool” from the main menu to open the Learning Tool diolague.

Please see Chapter 4.8 for more details.



Gesture

Penpower Jr. handwriting system support four standard inking gesture. You can handwriting these gestures to simulate keyboard input.

Please see Chapter 4.9 for more details.

Mix Traditional and Simplified Writing

You can mix writing traditional and simplified Chinese words. Whatever you wrote, choose different recognition engine to decide the results being traditional or simplified words.

Please see Chapter 4.10 for more details.

Switch Version

Open the main menu. Select “Version...”. There are three Versions for Choose. Please see Chapter 4.11 for more details.

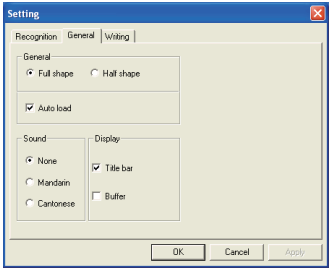
Setting

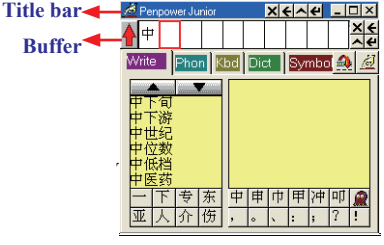
In PenPower Junior’s options menu select “Settings” to open the settings page. You can configure the recognition engine, output format or writing tracks here. For more details on PenPower settings please refer to the explanation provided in Chapter 4.12. The only difference is that in Traditional mode the writing pad display can be configured here.

Please switch to the “General” setting page and in the “Display” area you can choose whether to display the window title and the buffer area.

Title bar : Show/hide the caption of writing-pad.

Buffer: Show/hide the text buffer of Writing-pad. If the buffer is displayed, all the recognition result would be put here. After the buffer is full, the first word would be popped out into the caret. You can also click button to force all the result popped out and clear the buffer anytime. If the buffer is hidden, the recognition result will be send to the caret directly.





Signature

Move the caret to where the signature will be. Then select “Signature” from the main menu to open the “Welcom to Penpower Signature Tool” screen, and enter in signature mode.

Please refer to Chapter 4.13 for more details.

On-Line Translator

Select “On-Line Translat” from the main menu to open the On-Line Translat function. Select again to close the function.

Please refer to Chapter 4.14 for more details.

Using Penpower Jr. in MSN Messenger

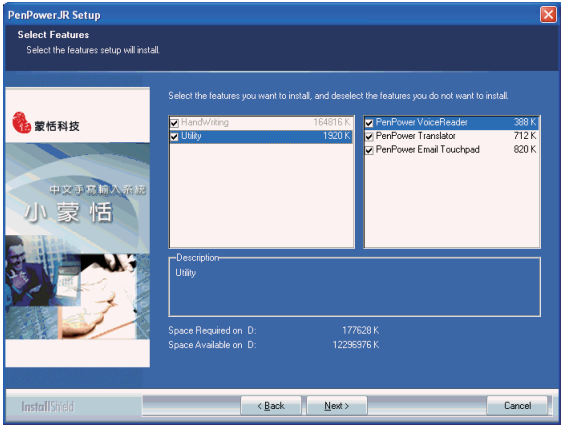
If you have to install MSN Messenger version 6.1 or higher and Penpower Jr., you can use Penpower Jr. touch pad to input or draw in MSN.

Please refer to Chapter 4.15 for more details.

Chapter 6 Assistant Tools

When you install Penpower Jr. handwriting software, you can choose custom installation to install the Assistant Tool: Penpower VoiceReader, Penpower Email Touchpad and Penpower Translator.

Note: The "Penpower E-mail Function" is only available with the Crystal Touch, Silver/Steel and Diamond models.



6.1 Penpower VoiceReader

Integrate the Text to Speech (TTS) technology to read aloud the Chinese article content within any window.

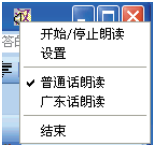
6.1.1 Use Penpower VoiceReader

1. Run “Start/All Programs/Penpower Jr/Penpower VoiceReader”.

Note: Before run Penpower VoiceReader, please launch Penpower Junior first or the system will prompt you to do so.

2. After VoiceReader is executed, the small icon would be displayed on the right top corner of any application.

3. If you select one paragraph of text first, then click , and select “开始/停止朗读”. The selected text will be read aloud. You can choose Mandarin or Cantonese tone pronunciation from the menu.



4. If you click without selection, then select “开始/停止朗读”. The text would be read aloud from caret location.

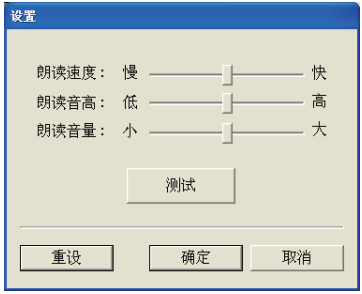
Note: The Windows Vista 64bit edition does not support the direct text-to-speech function. You must select a section of text before you can use the text-to-speech function.

5.You can click , and select “开始/停止朗读” again to stop reading.

6.Click , select “结束” to exit the Penpower VoiceReader.

6.1.2 Reading Setting

1. Click , select “设置” to open the setting dialog.
   朗读速度 : Adjust the speed of reading.
   朗读音高 : Adjust the tone of reading.
   朗读音量 : Adjust the volume of reading.



6.2 Penpower Translator

This is a word translator of Chinese to English or English to Chinese, and sentence translator of English to Chinese.

Run “Start/All Programs/Penpower Jr/Penpower Translator”.

Note: Before run Penpower Translator, please launch Penpower Junior first or the system will prompt you to do so.

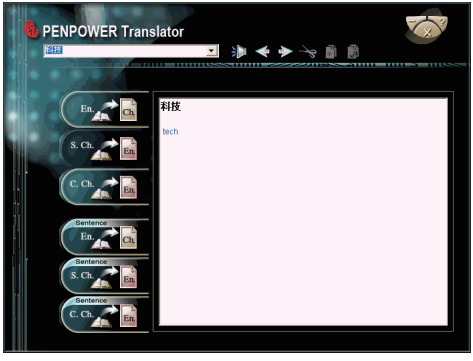
6.2.1 English Words

1. Click the button “En. Ch.” on the left.
2. In the input frame on the upper left corner, enter an English word, hit Enter to see all the Chinese explanation.
3. Choose different tabs to look up English word Define, Variation, Idiom and Analysis.

6.2.2 Chinese Characters

1. Click the button “S.Ch. En.” on the left.
2. In the input frame on the upper left corner, input a Chinese character or phrase, and then hit Enter to see the English explanation.

   Tip: If the Chinese word you wish to look up is Traditional Chinese, please select the “ C. Ch. En.” translation option.



6.2.3 English Chinese Article Translator

1. Click the button “Sentence En. Ch.” translation on the left.
2. In the top input frame, input an English article, click the button to start translation. The translation result is shown in the lower input frame.

Tip: When you translate a whole article, make sure there’s a period mark at the end of each sentence. It will increase the accuracy of translation.

6.2.4 Chinese English Article Translator

1. Click the button “Sentence S. Ch.En.” translation on the left.
2. In the top input frame, input an Chinese article, click the button to start translation. The translation result is shown in the lower input frame.

Tip: If the Chinese sentence you wish to look up is Traditional Chinese, please select the “ Sentence C. Ch. En.” translation option.

Press the Speech button. If looking up a single character or word, the system will provide its Chinese or English pronunciation. If translating the entire text, it will read all of the content in the current input window.

The other buttons on the translator interface have the following functions:

: Previous/Next: look up the definitions for nearby words.

: Cut: cut the selected content. (Only available when translating an entire sentence)

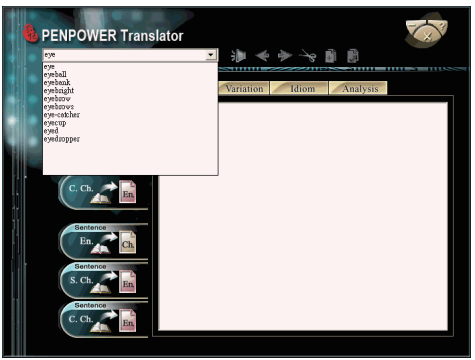
: Copy: copy the selected content.

: Paste: paste the cut or copied content. (Only available when translating an entire sentence)

: Delete: delete all input and translation content. (Only available when translating an entire sentence)

: Save: press this button to open the “Save as…” dialogue window. This will save all of the input and translated content into a new *.txt format file. (Only available when translating an entire sentence.)

When looking up a single word you do not need to enter the entire text string. If the word you wish to look up shows up in the list, use the direction keys to select that word as the input then press Enter to look up that word.

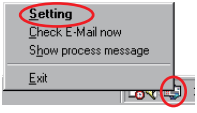


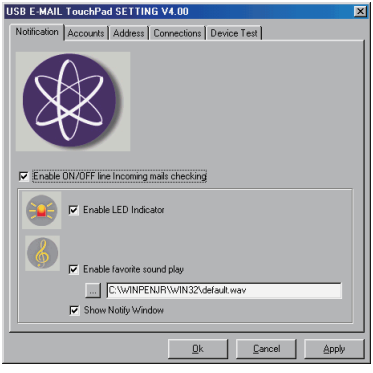
6.3 Penpower E-mail Touchpad

Note: The Penpower E-mail function is only supported for Penpower Junior Crystal Touch, Penpower Junior Silver/Steel and Penpower Junior Diamond.

6.3.1 Setting

If you have custom-installed the "Penpower Email Touchpad" component, the email icon would be displayed on the task bar when the windows start-up. Double-click the icon or right-click the icon to open the menu, and then select "setting". It will invoke the setting dialog.





Enable ON/OFF line incoming mails checking : Enable/disable the function of auto mails checking.

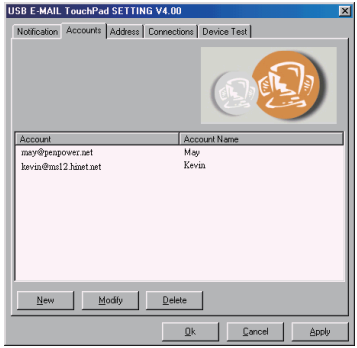
Enable LED Indicator : Blink the LED of touch-pad to hint the incoming emails.

Enable Favorite Sound Play : Change the wav file of music to hint the incoming emails.

Show Notifiy Window: Show pop-up window to hint the incoming emails.

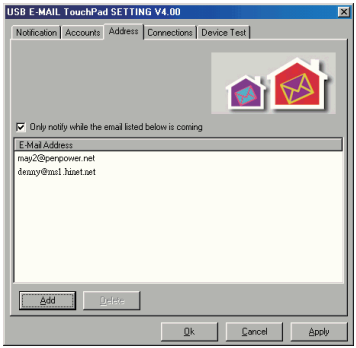
6.3.2 Accounts Management

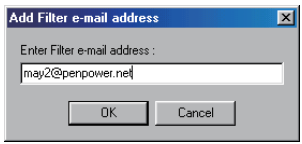
You can manage multiple accounts to receive all the emails at once.



6.3.3 Email Address filter

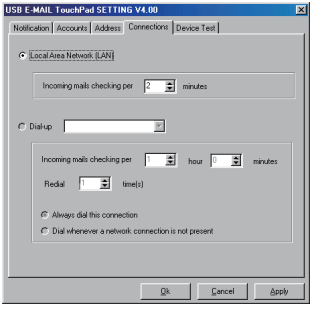
You can filter your unnecessary emails. Check this option to notify you only when the listed email is coming.





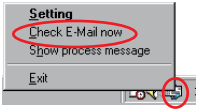
6.3.4 Connection

You can choose to check email through local area network (LAN) or dial-up internet. You can also set the period time to check email. If your system is offline, after dial-up and check email, it will be disconnected automatically.



6.3.5 Check email manually

If you want to check email manually, right-click the email icon to open the menu, and then select “Check Email now”.



6.3.6 Device Test

You can click “LED Indicator” button to test if the LED of touchpad is normal.

Chapter 7 Fast User Switching

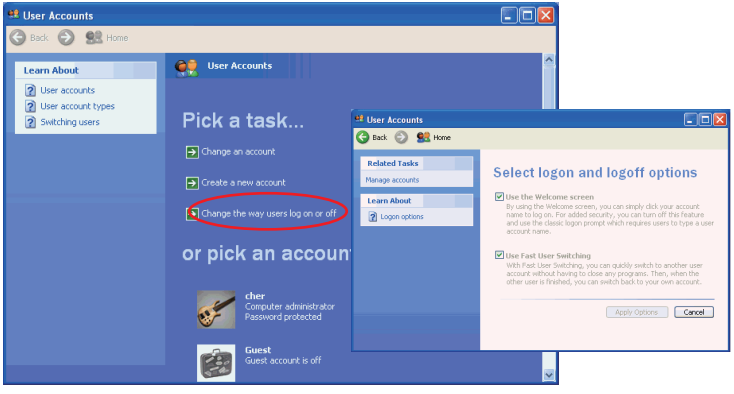
Penpower Jr. supports Fast User Switching capability when you have more than one user account in Windows XP/Vista. That allow all the users can use Penpower Jr. without reinstalling in each account.

Settings

Open user account manager page from “Start/ Settings/Control Panel/ User Accounts”. Click on “Change the way users log on or off” to open the “Select logon and logoff options” page.

Please select “User the Welcome screen” and “Use Fast User Switching” options, then click “Apply Options”.

Whatever account is used to login the functions of Penpower Jr. would work.



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