

**PENPOWER**

# **Presenter Pen User Manual**

**Model:PDC**

Version: V7.1

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# Penpower Technology Ltd.,

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This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

FCC RF Radiation Exposure Statement:

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

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NCC Warning Statement

Article 12

Without permission, any company, firm or user shall not alter the frequency, increase the power, or  change the characteristics and functions of the original design of the certified lower power frequency  electric machinery.

Article 14

The application of low power frequency electric machineries shall not affect the navigation safety nor  interfere a legal communication, if an interference is found, the service will be suspended until  improvement is made and the  interference no longer exists.

There may be newer versions of the software that was released during or after this product's manufacturing date. If the content in the User Manual differs from the on-screen interface, please follow the instructions on the on-screen interface instead of the User Manual.

# Chapter 1 Product Overview

## 1.1 Product Features

### <<Presentation Function>>

- **Compatible with PowerPoint:** The presenter function is compatible with MS PowerPoint.
- **Built-in slideshow controls:** Next/Previous slide buttons and black screen functions help make your presentation more professional.
- **Mouse mode:** By simply removing the stylus out of its slot, the stylus acts as your mouse so you can open links with just one touch of the stylus.
- **Timer:** The device helps you manage your time during presentations with its built-in LCD timer. The automatic five, two minutes and a times-up flashing light let you present without worrying about time constraints.
- **Laser pointer:** You can highlight main points in your presentation with the built-in laser pointer.

### <<Handwriting Function>>

- **Multilanguage recognition kernel:** The Pen recognizes over 23,000 Traditional/Simplified Chinese characters, Hong Kong characters (HKSCS 2001), Japanese Kanji/Katakana/Hiragana, Korean, English letters, symbols, and numbers.
- **Artificial intelligence recognition kernel:** Let the Pen adapt to your handwriting and become your personalized device with a built-in handwriting recognition system.
- **Full-screen inputting:** Write freely on the device and have it display on the big screen. This function can be integrated into other applications like Mail, or Microsoft Word... etc.
- **MSN/Yahoo Messenger pen tracing function:** Send handwritten messages and hand-drawn graphics through any Instant Messenger with your extra personal touch.easier.





## 1.2 Hardware Introduction

### 1.2.1 Hardware Specification

1. Dimensions: 118mm x62mm x 16mm
2. Weight: 58g
3. Writing Area: 56mm x43mm
4. Radio Frequency: 2.4G
5. Transmission Distance: 10m
6. Continuous Battery Consumption: Up to 8 hours writing time

### 1.2.2 Hardware Function Introduction



1. Wireless receiver: When you pull out the wireless receiver from the Presenter Pen hardware, the power turns on automatically. Connect the wireless receiver to the USB port of your computer, the Presenter Pen will connect with your computer wirelessly. Plug the wireless receiver back to the Presenter Pen, the power turns off.
2. Left button:
 

**Handwriting mode:** When press the left button, the system will replace the recognized character with the next candidate character. Press again, replace to the next candidate character and so on.

**Presenter mode:** In the Presenter mode, the left button acts as the page up function to show the previous page.

3. Right button:

**Handwriting mode:** It provides 7 Frequently Used punctuation symbols such as ‘ , ° \ ` : ; ? ! . When press the right button, the system will input the first symbol. Press again, replace to the next symbol and so on.

**Presenter mode:** In the Presenter mode, the right button acts as the page down function to show the next page.

4. Laser point button: Press the laser point button to highlight the main points in your presentation with the red laser light.

5. LCD monitor: Press the timer setting button (See item 11) after 5 seconds, the LCD monitor will display the left time and alarm you at 2, 5 minutes left and time is up with the gentle red flash.

6. Writing/Mouse area:

**Handwriting Mode:** Writing in this area.

**Presenter mode:** When pull the stylus out, you can use this area as a mouse pad.

7. Laser light: When press the laser point button (See item 4), it will turn this red laser light on.

8. ID matching button: If there is more than two Presenter Pens or wireless devices around you and interference your writing or presentation, you may push ID matching button to match your Presenter Pen and your wireless receiver. Please refer to 2.7 ID Code Matching for details.

9. Battery cover: Push the wedge of the battery cover upward to open the battery cover, and put an AAA battery in with the positive electrode in the right side. When the electric power is insufficient, the LCD monitor will display “Lo” in the timer screen to remind you to replace the battery.

10. Stylus pen: Pull the stylus out to write or use it as a mouse. Place it back, when you do not need to use the stylus.

11. Timer setting button: Let you set the presentation time. Press it once, add 5 minutes and so on. The remaining time will display on the LCD monitor. (See item 5)

**Tip:** *Press and hold the [Timer setting button] for a while, you can reset the timer.*



12. [Pen/Mouse mode] switch/Black screen button:

**Handwriting Mode:** If you installed the [New Pen/Mouse Mode], press this button to switch between the [New pen mode], [Penpower mouse mode] and [Mouse mode]. If you installed the [Traditional Mode], press this button to switch between the [Pen mode] and [Mouse mode].

**Presenter mode:** Press this button during the presentation to display the black screen.

13. Presenter/Handwriting mode switch: Switch up to the [Presenter mode]. Switch down to the [Handwriting mode].

## Chapter 2 Installation and Settings

### 2.1 System Requirements

1. Intel Pentium II 300 CPU or above
2. 256MB RAM
3. 250MB of available hard disk space
4. Windows 7/Vista/XP
5. USB Port

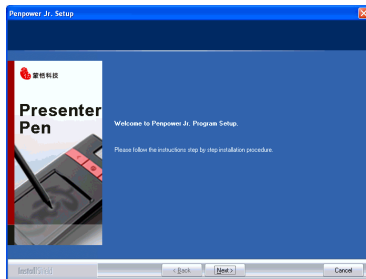
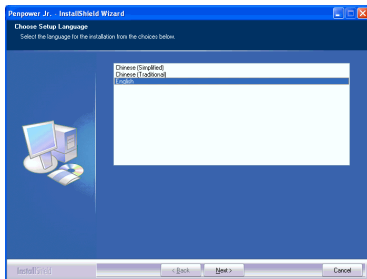
### 2.2 Handwriting Software Installation

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

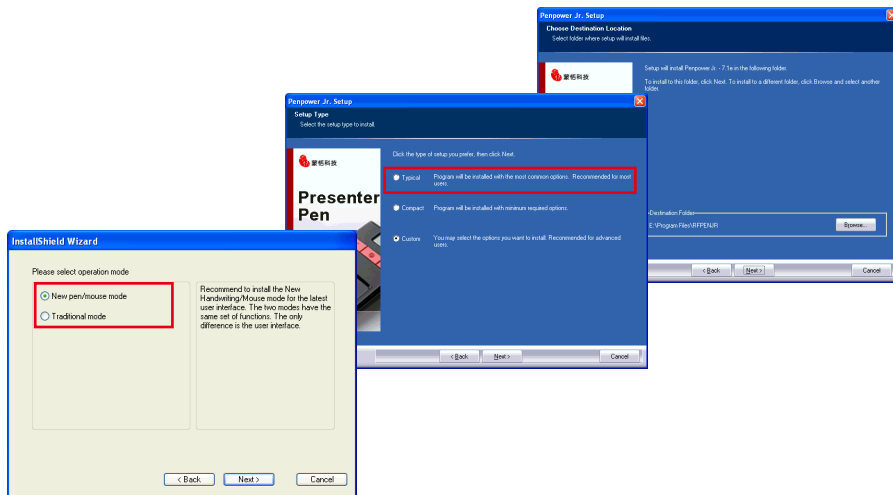




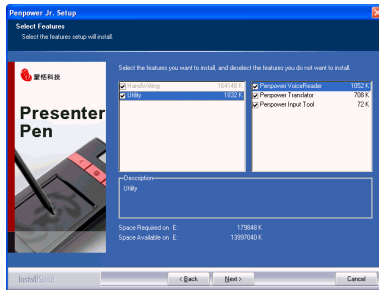
2. Please exit all of the Penpower applications to ensure that the install/repair process will run properly. Select the language version you wish to install then click “Next”.



3. Select the installation folder and type. Typical installation is recommended. Besides, Penpower Jr. offers two Writing modes: New Pen/Mouse and Traditional mode. We recommend that you choose to install the New Pen/Mouse mode. If you are an existing Penpower Jr. user and prefer to use the Traditional mode then you may choose to install the Traditional mode instead. The only different between the two modes is the interface, the functions are the same.



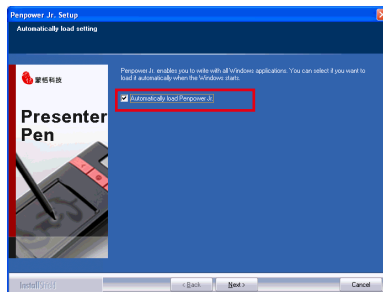
*Note: If you choose custom installation type, you can check every single function to install, except the functions in grey color.*



4. Click Next to use the default folder name.

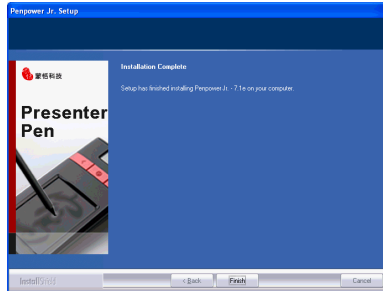


5. Click Automatically load Penpower Jr. if you wish to automatically run Penpower Jr. when the computer starts.





6. Click “Finish“ to complete the installation.



7. Penpower Jr. offers various Chinese fonts. You can install DYNA Fonts from the main installation menu. Select the fonts you desire to install, then follow the instruction to install.



## 2.3 Hardware Connection

1. Open the battery cover of the Presenter Pen hardware and put an AAA battery in.
2. Pull the wireless receiver out from the Presenter Pen hardware, and plug it to the USB port of your computer.

*Tip: If any signal interference, you can connect the wireless receiver to an extension USB cable to avoid the interference equipment.*

## 2.4 Run Penpower Jr. Handwriting System

Run [Start/All Programs/Penpower Jr./Penpower Jr.] to open the Penpower Jr. window.

## 2.5 Registration

A register reminder window will pop up when you launch Penpower Jr. for the first time. It reminds you registering your product at <http://www.penpower.net/reg.html> for ensuring the warranty service. Click [Register now] to register. If you click [Register later], you may go to [About/Register] when you need.

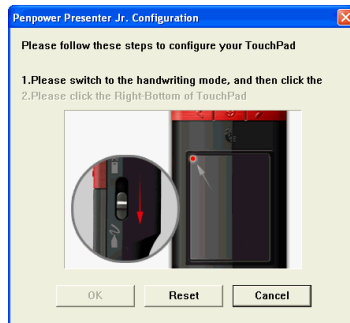



## 2.6 Calibration

When you first time launch the Penpower Jr., the system will ask you to calibrate the Presenter Pen.

1. Switch the [Presenter/Handwriting mode switch] downward to the [Handwriting mode].
2. Click on the top-left corner spot of touch pad by the writing pen.
3. Click on the bottom-right corner spot of touch pad by the writing pen.
4. Click on [OK] to finish the calibration.


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



In the future, if you find that your handwriting on screen is not on the right location, you need to calibrate your Presenter Pen. Please mouse click Penpower Jr.  icon from the lower-left corner and select calibration from the menu to launch the calibration window.

## 2.7 ID Code Matching

After you connected the Presenter Pen and launched the Penpower Jr., you should able to write right away. If there is more than two Presenter Pens or wireless devices around you and interference your writing or presentation, you may match your Presenter Pen and your wireless receiver.

1. Please mouse click the Penpower Jr.  icon from the lower-left corner and select calibration from the menu to launch the ID code matching function.





2. Press the [ID matching] button on the back side of the Presenter Pen.
3. An [ID-matching is successful] window appears when the ID matching is done.

## 2.8 Mouse Mode Operation

1. Moving: Put the pen on the Presenter Pen, and then move it on the panel gently.

2. Click: Hit the Presenter Pen once.



3. Dragging: Hit the Presenter Pen twice quickly, hold and move the pen on the panel while second pen down.



4. Double click: Hit the Presenter Pen twice quickly.

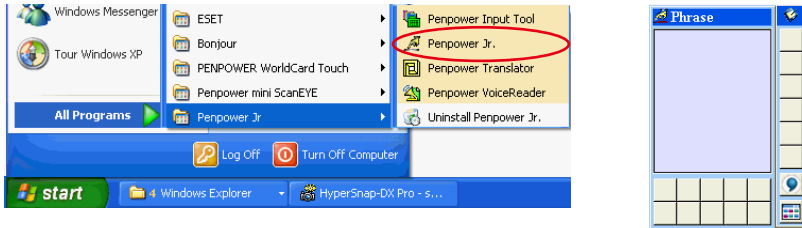


5. The left and right buttons are act as the left and right buttons of the mouse.

## Chapter 3 New Pen/Mouse Mode

### 3.1 Run Penpower Jr. Handwriting System

If you installed [New Pen/Mouse Mode] and run [Start/All Programs/Penpower Jr/Penpower Jr.], you will see the window as following:





*Note: Please make sure that you have switched the [Presenter/Handwriting mode] switch down to the [Handwriting mode].*




## 3.2 Switching Modes

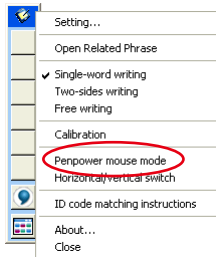
[New Pen/Mouse Mode] provides New Pen and Penpower Mouse modes. The [New Pen mode] provides writing and recognition functions. You can select the candidates, related words, phrases and symbols via mouse.

In the [Penpower Mouse mode], you can use the Presenter Pen and the stylus as the mouse to select the candidates, related words, phrases and symbols. It also provides hand-writing inking review, and some function buttons such as AI, learning tool, phrase, signature and on-line translator.

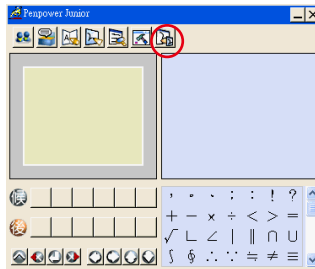
When Penpower Jr. is launched for the first time, it will display the [New Pen mode]. Left mouse click on the [Menu]  button or right mouse click on the toolbar  to open the options menu. Select [Penpower mouse mode] to switch to the [Penpower Mouse mode].

In the [Penpower Mouse mode], click on the [Switch]  button to switch back to the [New Pen mode].

**Tip:** *The second function button on right side of the Presenter Pen allows fast switching between the New Pen mode, Penpower Mouse mode and Mouse mode.*







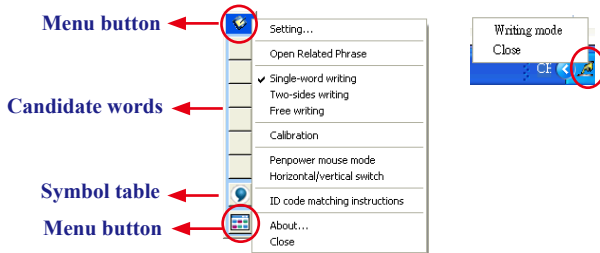
**New Pen mode**




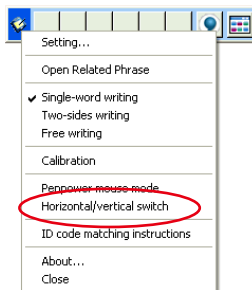
**Penpower Mouse mode**

### 3.3 New Pen Mode

When you run Penpower Jr., the vertical [New Pen mode] toolbar will appear. You can write words on the Presenter Pen to input words. Right click the mouse on the  or click menu  to open the menu. Double click  to close the [New Pen mode] toolbar temporarily. Click  and select [Writing mode] to open the [New Pen mode] toolbar.




The [New Pen mode] provides vertical and horizontal layout of the toolbar. Click  button to select the layout of the toolbar.



**Horizontal Switch**



The candidate area of the [New Pen mode] provides you to promptly correct the recognized words, for example when you wrote ‘蒙’, and it recognized to ‘豪’, you can select ‘蒙’ from the candidate area via the mouse.

Click the symbols table  button via the mouse to open the symbols table and enter the corresponding punctuation symbol.

### 3.3.1 Full Screen Writing

There are three different options in the main menu.

#### Single-word writing

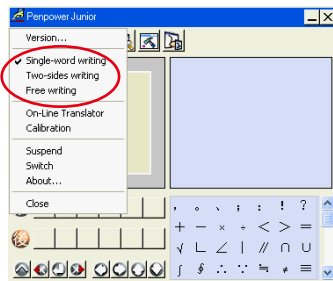
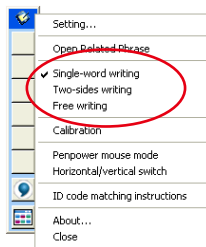
It is allowed to handwrite one word only at one time. You can not handwrite the next word until the recognition result of current word has been finished.

#### 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.



### 3.3.2 How to Write

It would be better to keep strokes of the same word closed, and do not 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』 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』.

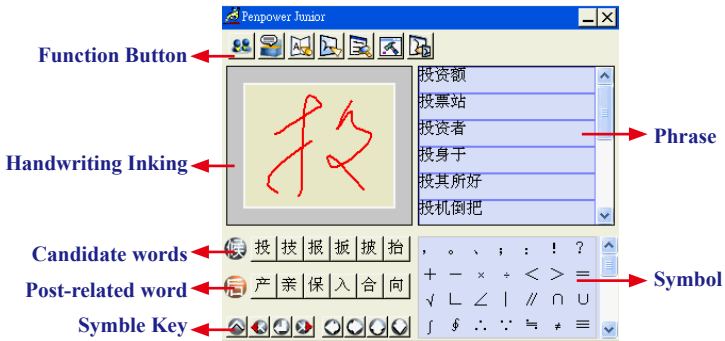


### 3.3.3 How to Quickly Correct, Enter Phrases and Symbols

When writing, candidate words based on the previous input will be displayed on the [New Pen mode] toolbar. Each press of the left function button on the Penpower Jr. will move the candidate words forward by one and also correct the results. Alternatively, select a candidate word on the [New Pen mode] toolbar to correct it. Click the [Symbol table]  button with the mouse to open the [Symbol table] and enter the corresponding punctuation symbol; the right function button of the Presenter Pen provides the same symbols.

You can also press the second function button on right side of the Presenter Pen to switch to the [Penpower Mouse mode]. In the [Penpower Mouse mode], you can select the candidate word, post-related word, phrase or symbol.

For example: In [New Pen mode], the input 『蒙恬科技』 had the character 『技』 mis-read as 『投』. You can press the second function button on right side of the Presenter Pen to switch to the [Penpower Mouse mode] then choose from the candidate words field 『技』 to correct the mistake. Once corrected, press the second function button on right side of the Presenter Pen to switch back to the [New Pen mode] and continue writing.














### 3.4 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 hover your mouse over this word for a few seconds. The [Balloon toolbar] will display on the cursor position.

蒙恬气泡式介面



**Tip :** *To display the [Balloon toolbar], you do not need to press any button, just hover your cursor on the word you want to correct.*

In the [Balloon toolbar], click candidate words, the AI button , the homophone , the pre-related word , the post-related word  or the phrase correction  to correct your result. Click the  button to see the raw image of your strokes. Click the  button to open the tutor. Click the  button to input punctuation symbol. Click the  button to split one word. Click the  button to merge one word with next. The  is to activate the Chinese-English translation function. Details about this function are provided further on in the manual.


**Note:** *In the [New Pen/Mouse mode], the [Balloon toolbar] can only be operated with the computer mouse.*



**Note:** *[Balloon toolbar] can be used in Office, IE, WordPad, but in Windows XP and Vista 64 bit systems, it can not be used in some software, except NotePad.*





### 3.4.1 Phrase Correction

If you wish to enter a common phrase such as an idiom, and you are not 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. If you want to inputting an idiom such as 『拔苗助长』, and you are not sure of how to write the character 『拔』, you can write the character 『一』 instead to input 『一苗助长』.
2. Hover your mouse over the character 『一』 and wait for a moment to display the [Balloon toolbar]. 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 hover your mouse cursor on the 『一』 character to display the [Balloon toolbar]. 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. Click the character you want to input from the the list.

一苗助长

一苗助长



拔苗助长

股份一限公司



### 3.4.2 Artificial Intelligence

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

1. Write some words. The result would be sent to your cursor location.

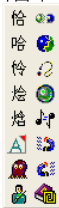
2. For example you wrote 『蒙恬科技』, but 『恬』 is wrongly recognized as 『恰』.


蒙恰科技

3. Hover your mouse over the word 『恰』 for a while to display the [Balloon toolbar].

蒙恰科技      蒙恬科技

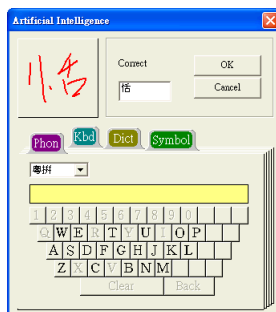
4. Click the candidate word if the correct word is there.




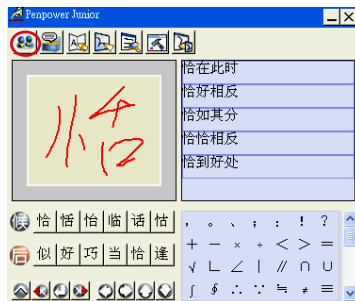
5. Otherwise click the AI button  to open the AI correction dialog.

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 has also been learned.




*Tip: You can also press the second function button on right side of the Presenter Pen to switch to the [Penpower 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.*





### 3.4.3 Split

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

1. For example, when you write four words 『日月星辰』.
2. If 『日』 and 『月』 were written too close, you may wrongly get three words of result 『明星辰』.
3. Hover your mouse over the word 『明』 for a while to display the [Balloon toolbar].
4. Click  button to separate 『明』 into 『日』 and 『月』.

明星辰


明星辰|


明星辰|



日月星辰|

### 3.4.4 Merge

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

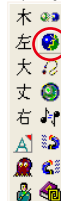
1. Write two words 『栋梁』, the recognition result will be sent to the cursor location.
2. If 『木』 and 『东』 is written far away from each other, you may wrongly get three words of result 『木东梁』.
3. Hover your mouse over the first word 『木』 for a while to display the [Balloon toolbar].
4. Click  button to merge 『木』 and 『东』 into 『栋』.

木东梁

木东梁|

木东梁

栋梁|




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

### 3.4.5 Homophone




If you forget how to write some words, or the words 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 homophone of 『豫』, e.g. 『玉』.

2. Hover your mouse over the word 『玉』 for a while to display the [Balloon tool-bar].

3. Click  button to open the window of homophone words.



4. You can click  /  /  button to toggle other Zhuyin homophone/Cantonese homophone/Hanyu homophone.

5. Click 『豫』 to replace 『玉』.

豫



### 3.4.6 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. Write some words. The result would be sent to the cursor location. If 『恬』 is wrongly recognized as 『恰』, and 『科』 is wrongly recognized as 『料』.


2. Hover your mouse over the word 『恰』 for a while to display the [Balloon toolbar].

蒙恰科技

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. Hover your mouse over the word 『料』 for a while to display the [Balloon toolbar].

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 『蒙恰科技』 is already updated as 『蒙恬科技』 at last.

蒙恬科技

## 3.5 Penpower Mouse Mode

The following will introduce the function buttons of the [Penpower Mouse mode], such as Artificial Intelligence, learning tool, phrase, signature, on-line translator and settings.

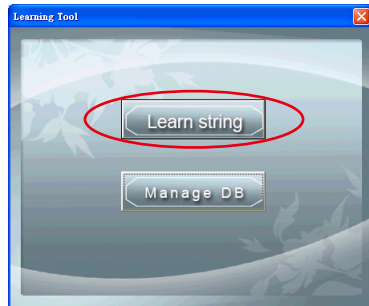
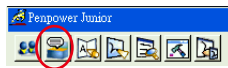
### 3.5.1 Artificial Intelligence

When writing a word in the [New Pen mode], you can push the middle button for switching to the Penpower Mouse mode. You can click [Artificial Intelligence function]  to adapt your personal writing style. Please refer to 3.4.2 for details.

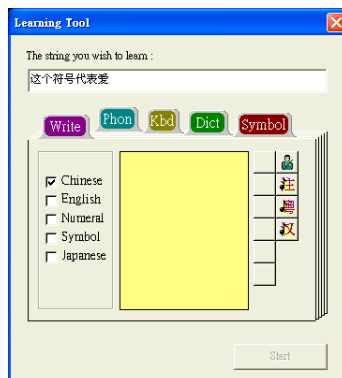
### 3.5.2 Learning String

A string is represented by a single symbol. You can write the symbol anytime and the recognition engine will recognize it as the entire string, minimizing needless writing.

1. In Penpower Mouse mode, click the **Learning Tool** button and click **Learn String**. The **Learning Tool** dialog box displays.

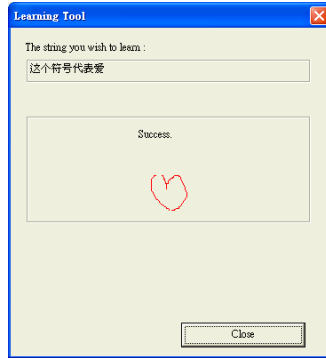
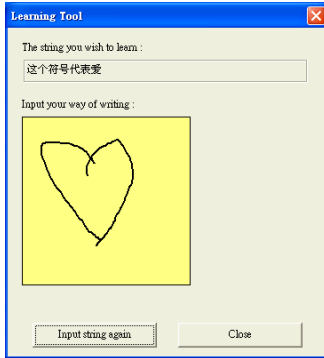


2. Enter the string you want to learn, then click **Start**.

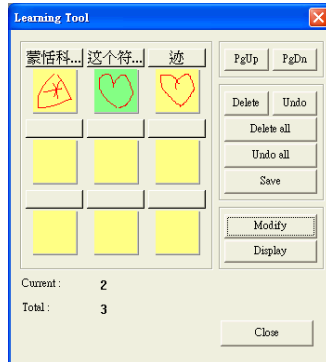
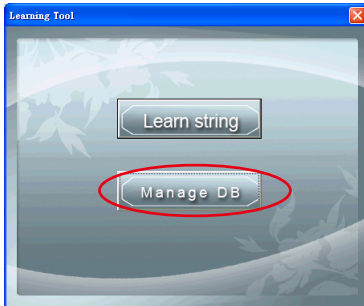




3. Write your symbol twice according to the instructions.




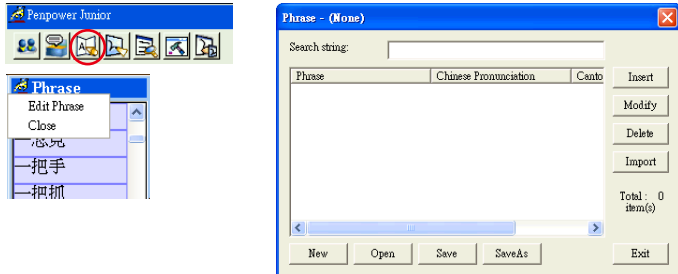
4. Click the [Manage DB] tag. You can browse through the animated symbols for strings or any of the strings you have assigned a symbol to.



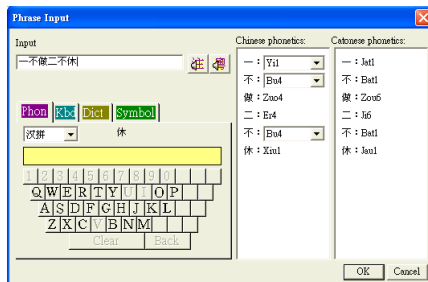
### 3.5.3 Update Phrase Database



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 [Penpower Mouse mode] press the [Phrase]  button. Or in [New Pen 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. Select one 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

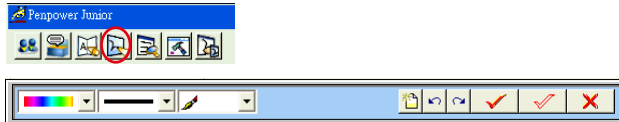
Click [Import] and select one phrase database (\*.yib) or text file to import it into current database.

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

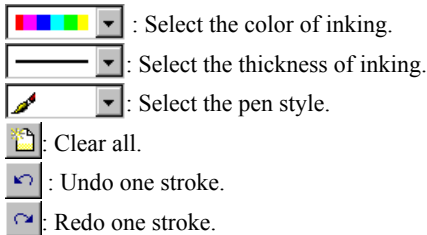
***Note: Every imported phrase would own phonetics by default. Their phonetics may be wrong. You can modify them from phrase dialog.***

### 3.5.4 Signature

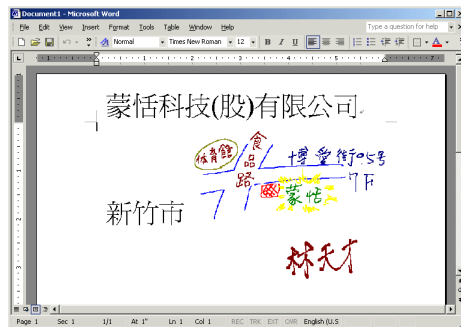
1. Move the cursor to where the signature will be.
2. Open the [Penpower Mouse mode] and press the [Signature] button. The [Signature toolbar] screen will be shown.



3. In signature mode, the left button is defined to change color.



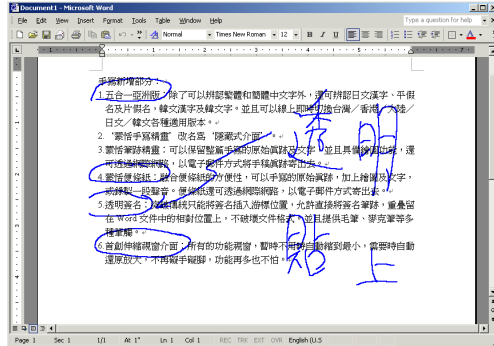
4. Click button to cancel signature.
5. Click button to insert your signature at the position of your cursor.



6. Click button to overlap your transparent signature with MS Word or MS Excel document.

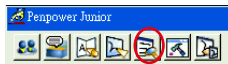


*Note: You can use the transparent signature in the latest version of Word and Excel, but Office 2007 does not support this function. You may make notes and commentary by using the transparent signature feature.*

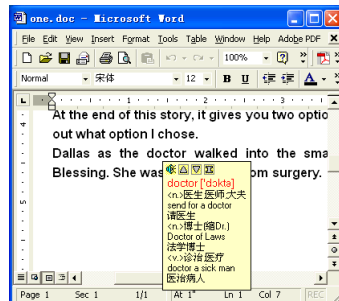
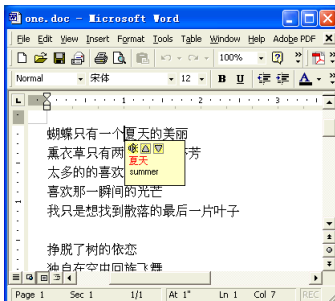






### 3.5.5 Online Translator

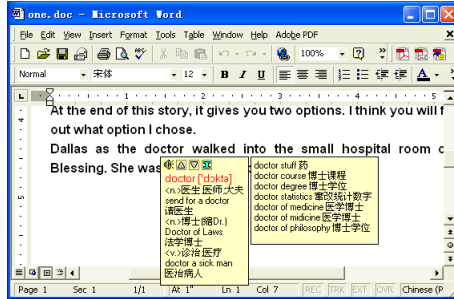
1. Open the [Penpower Mouse mode] and press the [Online Translator] button to open the Online Translator function. Press the button again to close the function.




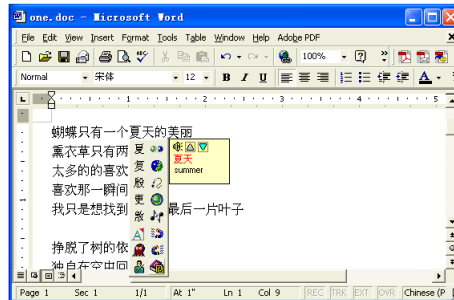
When reading English or Chinese articles, if you encounter unknown characters or phrases, Hover your mouse over the characters, and a translation window pops up to explain them for you.



When you move your mouse 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 translator] is used in the balloon interface. When you want to look up a character's translation, select  button from the candidate window.



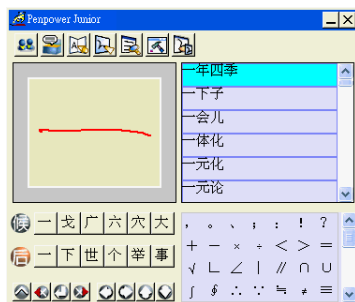


### 3.5.6 Input Words by Related Phrase

Phrase function provides the related phrases for inputting phrases quickly.

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 second button on the right side of the Presenter Pen to switch to the Penpower Mouse mode. All the phrases beginning with this word 『一』 will be listed on the phrase area of the Penpower Mouse mode.
3. Click the phrase or memorized word that you want to send it into the caret. e.g. 『一年四季』.

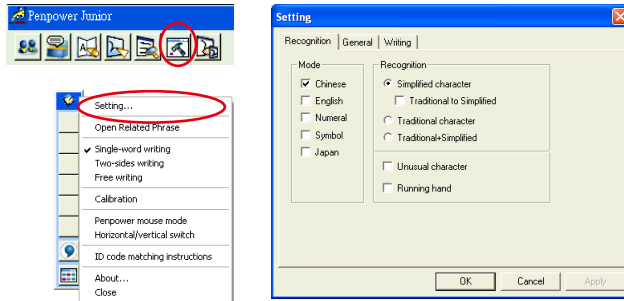
一



一年四季

## 3.6 Settings

In [Penpower Mouse mode] click on the [Setting] button or in [New Pen mode] choose the [Setting...] from the menu to open the settings page. You can configure the recognition engine, output format or writing inkings here.



### 3.6.1 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

1. Simplified character: All of the results are in Simplified Chinese. If you do not know how to write traditional words, you can deseleg [Traditional to Simplified] so your writing is not recognized incorrectly as Traditional Chinese.

*Note: [Traditional to Simplified] option is available only when you switch to simplified version.*

2. Traditional character: All of the results are in Traditional Chinese.

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



### Unusual character

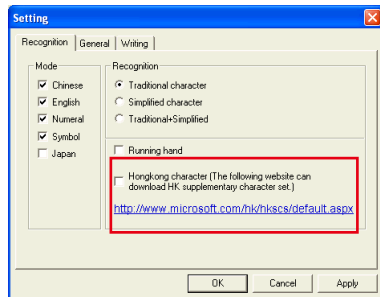
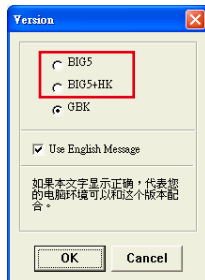
The system will recognize some unusual words only when you turn on [Unusual character] option.

### Running Hand

Select this option to recognize run-on cursive.

### Hongkong Character

This recognition mode is available only when the Penpower Jr. set to [BIG5] or [BIG5+HK]. You can connect to <http://www.microsoft.com/hk/hks/cs/default.aspx> to check the Hongkong characters list.



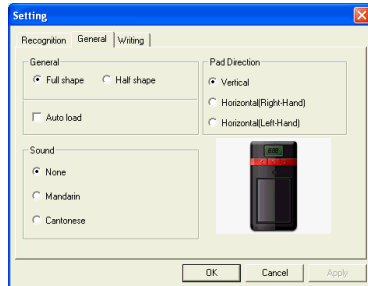
## 3.6.2 General Setting

### Half shape/Full shape

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

### Auto load

Start Penpower Jr. when Windows starts.



### Direction

You can select the orientation of the Presenter Pen as Horizontal or Vertical. The Horizontal provides right-handed and left-handed choices.

### Sound

Pronounce the character in Mandarin or Cantonese immediately after recognition.





### 3.6.3 Writing Setting

#### Ink color

Select the color of inking. You can adjust the smoothness of color gradation when selecting [Multiple].

#### Ink width

Select the thickness of inking.

#### Ink sound

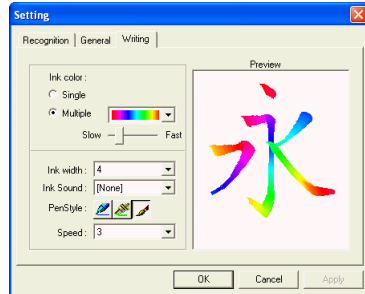
Select the sound effect while writing.

#### Pen style

Select the pen style.

#### Speed

Select the writing speed. The less the relative value is, the shorter the timeout for recognition after you've stopped writing.

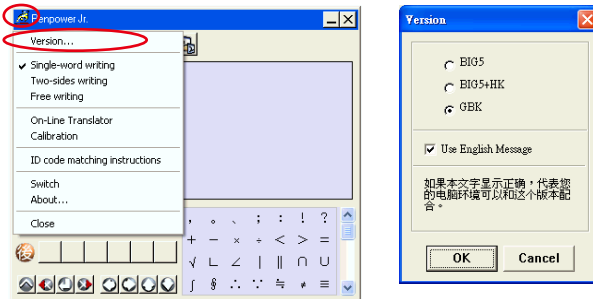


## 3.7 Writing Application

The following will introduce the function of Writing Application, such as Switch Version, Gesture, Mix Traditional and Simplified Writing, and Using Penpower Jr. in MSN Messenger.

### 3.7.1 Switch Version

1. In [Penpower Mouse mode], click Penpower Junior options, then click [Version...].



2. For the Win2000/XP/Vista operating systems for Traditional Chinese, Traditional Chinese (Hong Kong) or Simplified Chinese, the output of the handwriting recognition is always encoded using Unicode. If, after switching versions, you cannot see the message displayed correctly at the bottom of the dialog box, your Windows operating system may not support the version you chose.
3. Select [Use English Message] to display all of the messages in English.



### 3.7.2 Gesture

Penpower Jr. supports four standard writing gestures. You can write these gestures to perform certain keyboard actions.

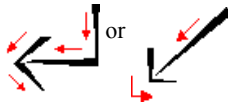
1. Delete : simulate the DELETE key.



2. Backspace : simulate the BACKSPACE key.



3. Enter : simulate the ENTER key.



4. Space : simulate the SPACE key.



### 3.7.3 Mix Traditional and Simplified Writing



You can mix writing traditional and simplified Chinese words. For example, you can write the two words 『書寫』.



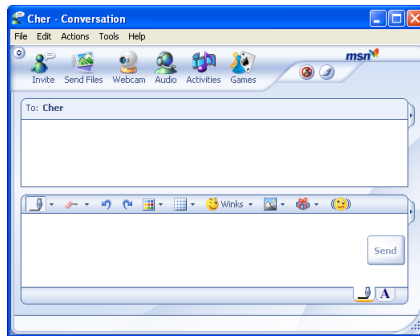
No matter what characters you write, just set the recognition engine to determine whether the output is shown as Traditional or Simplified Chinese. See 4.6.1 for more details.

### 3.7.4 Using Penpower Jr. in MSN Messenger

*Note: This required MSN Messenger version 6.1 or higher version.*

After you have signed in to the MSN Messenger, double-click the person's name to display the conversation box. Below this conversation box, there are two modes for you to select: [Handwrite]  and [Type] . You can switch between the input modes as you like.

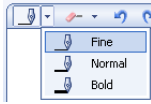
*Note: If you can't activate the New Pen mode, please visit the Microsoft website and install the necessary handwriting.*



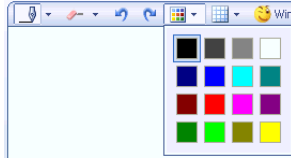
In the [Handwrite mode], you can adjust the font size and the font color. When done, you can write on the tablet and the words will appear in your selected font size and color.

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

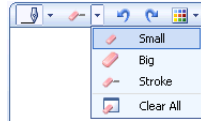
After you have input your message, click [send] to send your handwritten message.



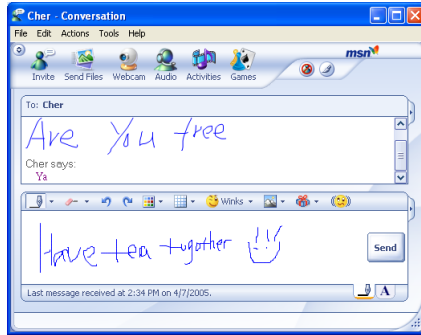
set ink width



set ink color



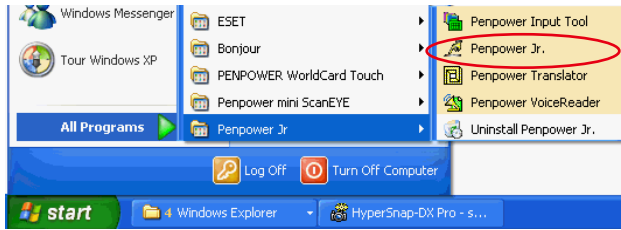
set the rubber



## Chapter 4 Traditional Mode


### 4.1 Run Penpower Jr. Handwriting System

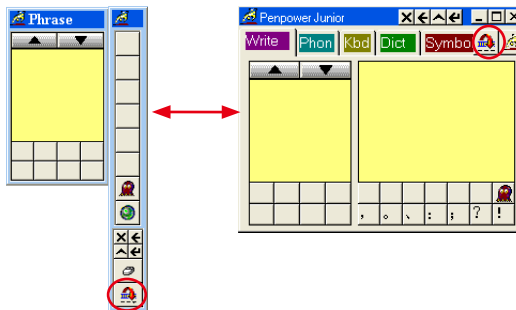
If you installed [Traditional Mode] and run [Start/All Programs/PenpowerJr/Penpower Jr.], you will see the Traditional Handwriting window.



*Note: Please make sure that you have switched the [Presenter/Handwriting mode] switch down to the [Handwriting mode].*

### 4.2 Writing Mode

There are two kinds 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 modes.

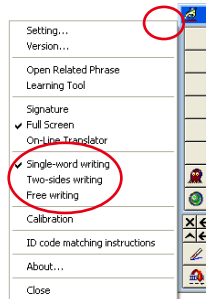




## 4.3 Full Screen Handwriting

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 3.3.3 for more details.



### 4.3.1 Balloon UI

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

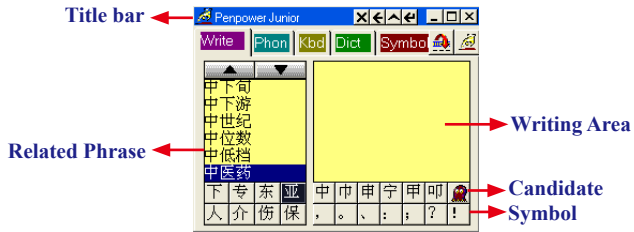
When you want to correct some word, just move the cursor position on this word for a while. The function tool bar will be popped up there where the cursor is.

Please refer to Chapter 3.4 for more details.

## 4.4 Writing-Pad

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


### 4.4.1 Write Input Tool



You need to click the second button on the right side of the Presenter Pen 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 replacing the recognized word by the next candidate word 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 second button on the right side of the Presenter Pen 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.*





## 4.4.2 Phonetic Input Tool

There are three types of phonetic input tool: Zhu yin, Cantonese and Han pin by default. You can create your own phonetic input tool.

### How to Use

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



## 4.4.3 Keyboard Input Tool

### Keyboard

Simulated software keyboard.

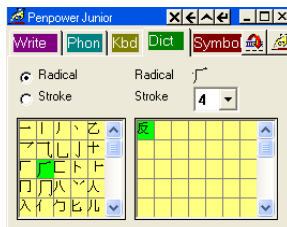
### Inner Code

For example, the inner code of [☆] in hexadecimal is A1EE. Click [A], [1], [E], [E] button one by one in order, and then get [☆].

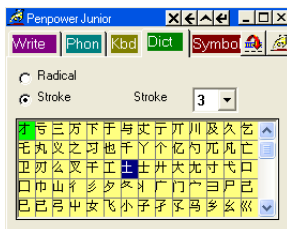


## 4.4.4 Dictionary Input Tool

### Query by radical

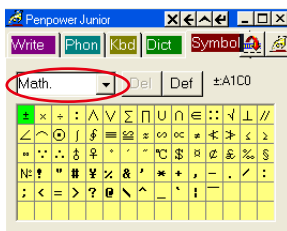


## Query by stroke



### 4.4.5 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.



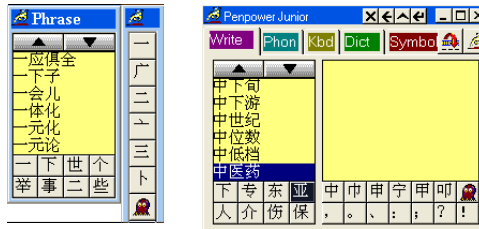


## 4.5 Phrase

### 4.5.1 Use Phurase to input words

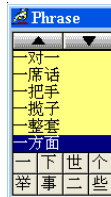
1. In both the Full Screen and Writing-Pad modes the Associations dictionary window will always be displayed.

*Note: In the 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 |

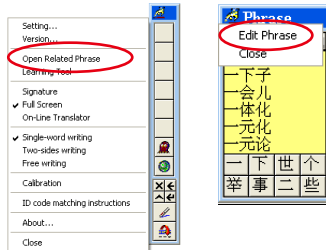


一方面

## 4.5.2 Update Phrase Database

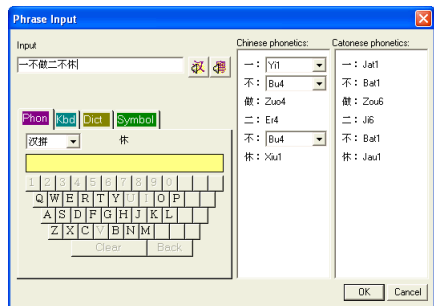
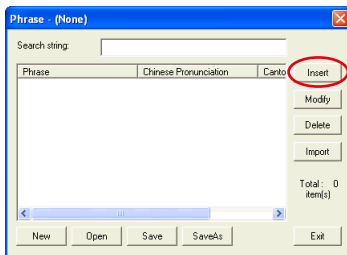
There are thousands upon thousands default phrases that you can use in the Penpower handwriting recognition. It also allows you to customize the phrase database to meet your needs.

1. Open the Penpower Jr. main menu and select [Open Related Phrase]. Then select [Edit Phrase] from the Phrase menu to open the [Edit Phrase] dialogue to edit the dictionary.



2. Click [Insert] to open the phrase input dialog. You can input a new phrase here.

Please see Chapter 3.5.3 for more details.



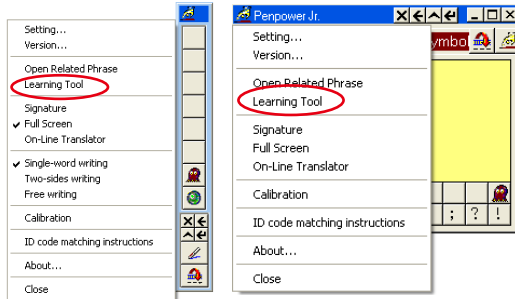


## 4.6 Other Functions

### 4.6.1 Learning Tool

Select the [Learning Tool] from the main menu to open the Learning Tool dialogue.

Please see Chapter 3.5.2 for more details.



### 4.6.2 Signature

Move the cursor to where the signature will be. Then select [Signature] from the main menu to open the [Signature] window, and enter to the signature mode.

Please refer to Chapter 3.4.4 for more details.

### 4.6.3 On-Line Translator

Select [Online Translator] from the main menu to open the Online Translator function. Select again to close the function.

Please refer to Chapter 3.5.5 for more details.

## 4.6.4 Settings


In Penpower Jr.'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 4.6. The only difference is that in Traditional mode the writing pad display can be configured here.

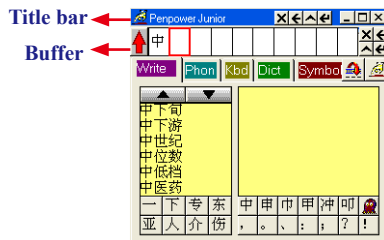
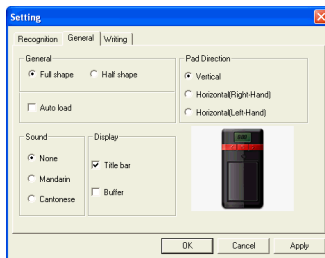
Please switch to the [General] setting page and in the [Display] area you can choose whether to display the window title and the buffer area.

### 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 any-time. If the buffer is hidden, the recognition result will be send to the caret directly.





### **4.6.5 Switch Version**

Open the main menu. Select [Version...]. There are three Versions for Choose. Please see Chapter 3.7.1 for more details.

### **4.6.6 Gesture**

Penpower Jr. handwriting system supports four standard writing gesture. You can handwriting these gestures to perform certain keyboard actions.

Please see Chapter 3.7.2 for more details.

### **4.6.7 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 3.7.3 for more details.

### **4.6.8 Using Penpower Jr. in MSN Messenger**

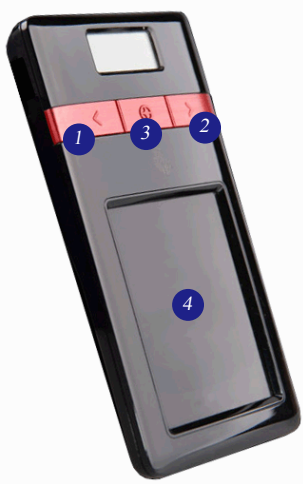
If you have installed MSN Messenger version 6.1 or higher and Penpower Jr., you can use Presenter Pen to input or draw in the MSN Messenger.

Please refer to Chapter 3.7.4 for more details.

## Chapter 5 Presenter Mode

The Presenter Jr. supports MS PowerPoint presentation application to make your presentation more professional. You may switch the [Presenter/Handwriting mode] switch upward to the the [Presenter mode] and use the following functions to help your presentation.

*Front Side*



*Right Side*



1. Left button: Show the previous page.
2. Right button: Show the next page.
3. Laser point button: Press the laser point button to highlight the main points in your presentation with the red laser light.
4. Mouse area: When pull the stylus out, you can use this area as a mouse pad to move your cursor, click and double click the mouse area.

*Note: If you do not need to use the mouse function during the presentation, please do not pull the stylus out to avoid activating the mouse in the dark.*

5. Timer setting button: Let you set the presentation time. Press it once, add 5 minutes and so on. After 5 second of setting, the Presenter Pen will start to count down. The LCD monitor will display the remaining time, and alarm you at 2, 5 minutes left and time is up with the gentle red flash.



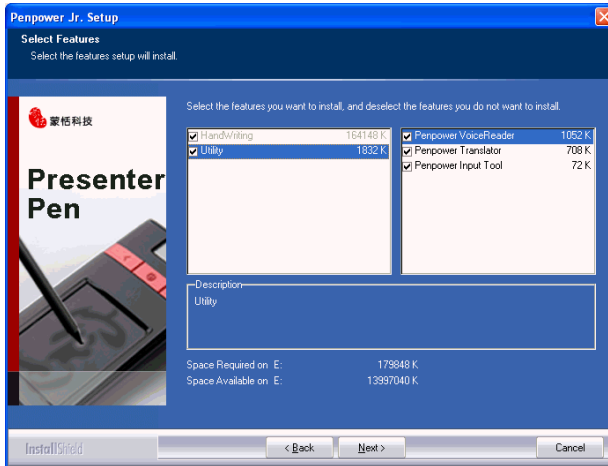


*Tip: Press and hold the [Timer setting button] for a while, you can reset the timer.*

6. Black screen button: During the presentation, press the black screen button to display the black screen.
7. Presenter/Handwriting mode switch: Switch upward to the the [Presenter mode]. Switch downward to the the [Handwriting mode].

## Chapter 6 Assistant Tools

If you selected the [Typical] or [Custom] type during the installation, you will find Penpower VoiceReader, Penpower Translator and Penpower Input Tool. In the Custom type, you could select the functions to install.






## 6.1 Penpower Voice Reader

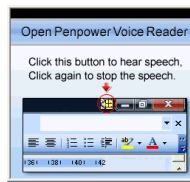
The Penpower Voice Reader utilizes a state of the art text-to-speech technology, it will read in fluent Mandarin or Cantonese of any articles. You can use it as a tool for fast proof-reading or in teaching the correct Mandarin/Cantonese pronunciation.


### 6.1.1 Use Penpower Voice Reader

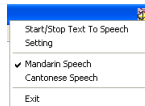
1. Run [Start/All Programs/Penpower Jr/Penpower VoiceReader].

**Note:** Before running the Penpower Input Tools, make sure the Penpower Jr. has been started. Otherwise you'll be asked to start the Penpower Jr. first.


2. When it starts up, there will be an icon on/off  button on the top right corner of your application, such as Word. You can select Mandarin or Cantonese.



3. When you choose a paragraph, click the  button and select [Start/Stop Text Speech], the selected paragraph will be read out. Check your speaker if there is no sound.




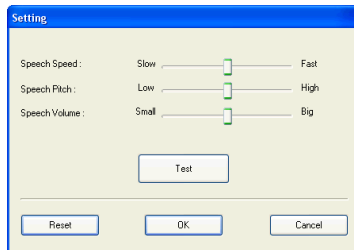
4. During reading, click , and select [Start/Stop Text Speech], it will stop reading.

5. Click , select [Exit] to exit the Penpower Voice Reader.



## 6.1.2 Reading Setting

1. Click , select [Setting], the [Setting window] will appear.  
Speech Speed: Adjust speech speed.  
Speech Pitch: Adjust speech tone level.  
Speech Volume: Adjust speech volume.





## 6.2 Penpower Translator

The Penpower Translator provides Chinese to English and English to Chinese word and sentence translation.

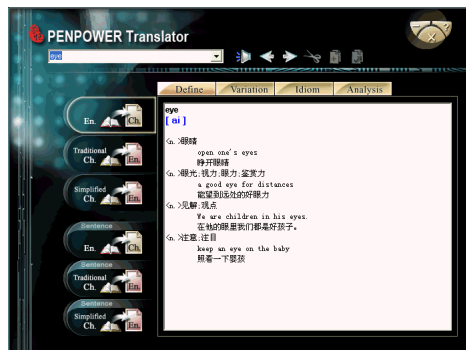
Run [Start/All Programs/Penpower Jr/Penpower Translator].

*Note: Before running the Penpower Input Tools, make sure the Penpower Jr. has been started. Otherwise you'll be asked to start the Penpower Jr. first.*



### 6.2.1 English Words

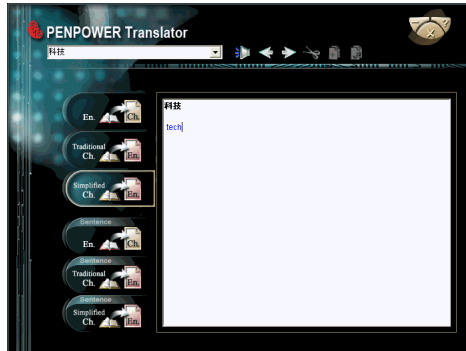
1. Click the button [En. -> Ch.] on the left side of window.
2. In the input field on the upper left corner, enter an English word, press [Enter] key to see the Chinese translation.
3. Choose different tabs on the top of the translation field to look up the Define, Variation, Idiom and Analysis of the English word.




## 6.2.2 Chinese Characters

1. Click the [Simplified.Ch. -> En.] button on the left side window.
2. In the input field on the upper left corner, input a Chinese character or phrase, and then press [Enter] key to see the English translation.

*Tip: If the Chinese character you want to look up is Traditional Chinese, please select the [Traditional Ch. -> En.] translation option.*



## 6.2.3 English Chinese Sentence Translation


1. Click the [Sentence En. -> Ch.] button on the left side of the window.
2. In the upper input frame, input English sentences or an article, click the  button to translate. The translation results are shown on the lower 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 Sentence Translation


1. Click the [Sentence Simplified Ch. -> En.] on the left side of window.
2. In the upper input frame, input Chinese sentences or an article, click the  button to translate. The translation results are shown on the lower frame.

*Tip: If the Chinese sentence you wish to look up is Traditional Chinese, please select the [Sentence Traditional Ch. -> En.] translation option.*



## 6.2.5 Button Functions



Speech: Hear the pronunciation of the single character/word. If you use [Sentence Translation], click on the upper or lower frame, and then click the  button to hear pronunciations of the whole sentences or the article.



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)

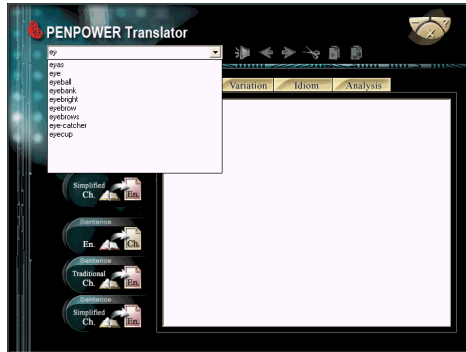


Delete: Delete all input and translation content. (Only available when translating an entire sentence)



Save: Press  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.)

*Tip: When typing a single word, a list of possible words will show up during the typing. You can use the direction keys to select that word as the input, and then press Enter key to look up that word.*





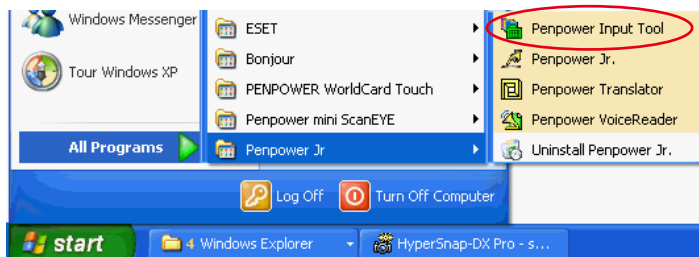



## 6.3 Penpower Input Tool

The new Handwriting mode provides Penpower Input Tool. In the Traditional mode, this function includes in the Writing-Pad.

It contains four input methods: Phonetic, Keyboard, Dictionary, and Symbol. Run [Start/All Programs/Penpower Jr/Penpower Input Tool].

**Note:** Before running the Penpower Input Tools, make sure the Penpower Jr. has been started. Otherwise you'll be asked to start the Penpower Jr. first.



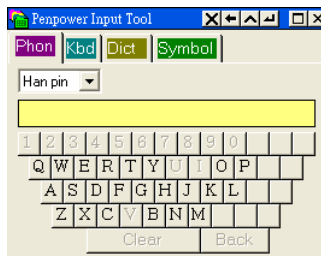
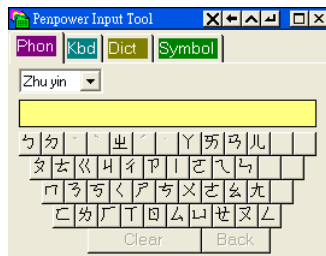
**Tip:** The writing-pad adopts shrink-expand user interface. It would expand into normal size when you hover your mouse over it. Otherwise it appears as a small icon  to avoid taking up space on the screen.

### 6.3.1 Phonetic Input Tool

There are three types of phonetic inputs provided by the Penpower Jr.: Zhu yin, Yue Pin and Han pin. You can also create your own phonetic input.

#### How to Use

1. Select a phonetic input: Han pin, Yue Pin or Zhu yin.
2. Click the screen keyboard buttons one by one in order.
3. The converted candidate character is listed in the text buffer.



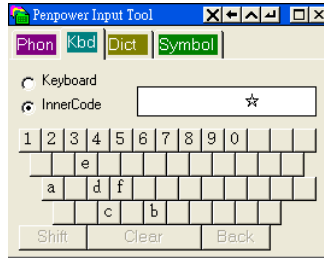
### 6.3.2 Keyboard Input Tool

#### Keyboard

Simulated software keyboard.

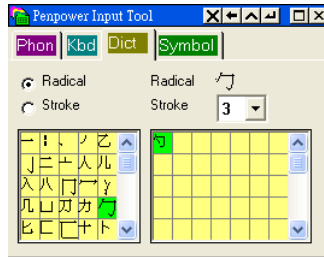
#### Inner Code

Select four keys of inner code to input a character or symbol. e.g. The inner code of [☆] in hexadecimal is A1B8. Click A 1 B 8 in that order in the screen to display [☆].

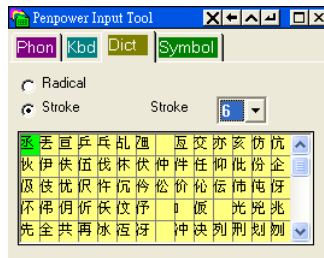


### 6.3.3 Dictionary Input Tool

#### Query by radical

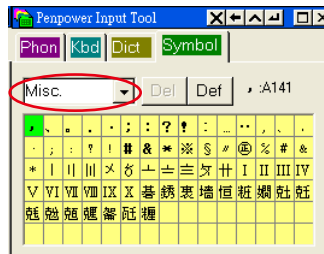


#### Query by stroke



### 6.3.4 Symbol Input Tool

Special symbols are displayed on several tables. Select a table and click the desired symbol. You can customize the symbol tables.



## Chapter 7 Fast User Switching

The Penpower Jr. supports [Fast User Switching] when you have more than one user account in Windows OS. [Fast User Switching] allows all users to use Penpower Jr. without reinstalling on each account.

For example, to activate [Fast User Switching] from Windows XP, click the [Start] button, select [Settings] then click [Control Panel]. Select [User Accounts] and then click [Change the way users log on or off]. Select [Use the Welcome screen] and [Use Fast User Switching] and then click [Apply] Options.

The Penpower Jr. will work now no matter which account is used to log in.

