



CyberDict 8

Color Multimedia Dictionary



USER'S MANUAL

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Chapter 1. An Introduction to the Unit

This chapter explains how to use your CyberDict for the first time, the keys and controls, power sources, default system settings and basic operations of your CyberDict. We hope it will help you to use this device. Please proceed to the following chapters for details of each function under different main menus.

1. Precautions

Data Backup

All your personal data should be copied onto separate printed records. We assume no responsibility for data loss or as a result of improper use, reset the device, repairs, defects, battery replacement / failures or any other causes.

Touch Panel & Display

- A. Use the stylus which comes with this unit only. To avoid scratching on the screen, do not use any other pointed objects such as pencils or pens.
- B. Rub the screen lightly with a dry and soft cloth so as to avoid scratches. Do not use any volatile liquids.
- C. The screen may crack if the unit falls on the ground

Expansion Card

Insert the Smart Media Card into slot gently. Do not turn off the power or remove the battery during data saving.

Non Waterproof

The device is non waterproof, please keep it away from any liquid. In case it happens, remove the battery immediately, dry the surface and send the device to our service center for checking. Do not try to turn on the unit by yourself.

Battery

- A. Please remove the battery to avoid leakage and damage to the unit whenever the

unit will not be used over an extended period of time.

- B. Use the rechargeable battery and the power adaptor that come with this device only.
(Output: DC5V 1A)
- C. To maximize the life of the rechargeable battery, please recharge only when the battery low message is indicated
- D. Avoid any contact of two poles of the battery and keep away from fire.



Magnetism


The speaker of this unit has magnetism, please do not place it close to any equipments which apply with magnetism theory to avoid unwanted demagnetization or effect.

Note:

Any damage caused by the above reasons is not covered by warranty.

2. How to Use CyberDict for the First Time

- A. Insert the Lithium-ion rechargeable battery which comes with this device into the battery compartment.
- B. Press [ON/OFF] to turn on your CyberDict. If the screen remains blank, please check the following the steps:
 - Be sure the battery is securely in place.
 - Press [Shift] +  /  to adjust the LCD contrast for optimal screen viewing.
- C. Press [RESET] and follow the instructions shown on the screen.
 - Tap the centers of the targets “ + ” to calibrate the sensitivity and accurate position of touch panel, there are 3 targets to be tapped: lower left, upper right and the center.
 - After the touch panel correction, a selection window appears:
 - * Tap [No] to access the main menu.
 - * Tap [Yes], all the default settings will be used.
 - * If you tick [Clear User Data] and tap [Y], all your personal data and settings will be deleted, then access the system’s date and time setting screen.
 - * Tap [F1] to set the format of date and time.
 - * Tap [Finish] to confirm. A default startup screen will be shown.

- D. The main menu of Dictionaries will be shown.
- E. Press  to shift among Thai / English / icon modes in the main menu.

Note: The system will omit the “Auto Power Off Timer” and won’t turn off under the following situations:

- ***During natural voice pronunciation***
- ***During data management, such as copying, saving, transmission, etc.***
- ***During memory rearrangement.***

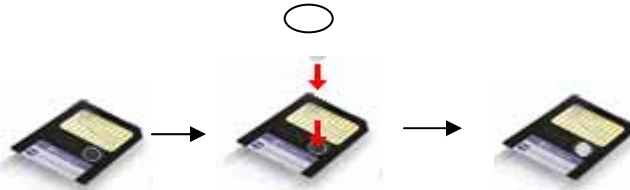
3.Expansion Card

1. When the power is on:

- A. Do not open the SMC slot cover, otherwise the power will turn off automatically.
- B. Do not remove/insert the card, otherwise you may encounter permanent data lose.

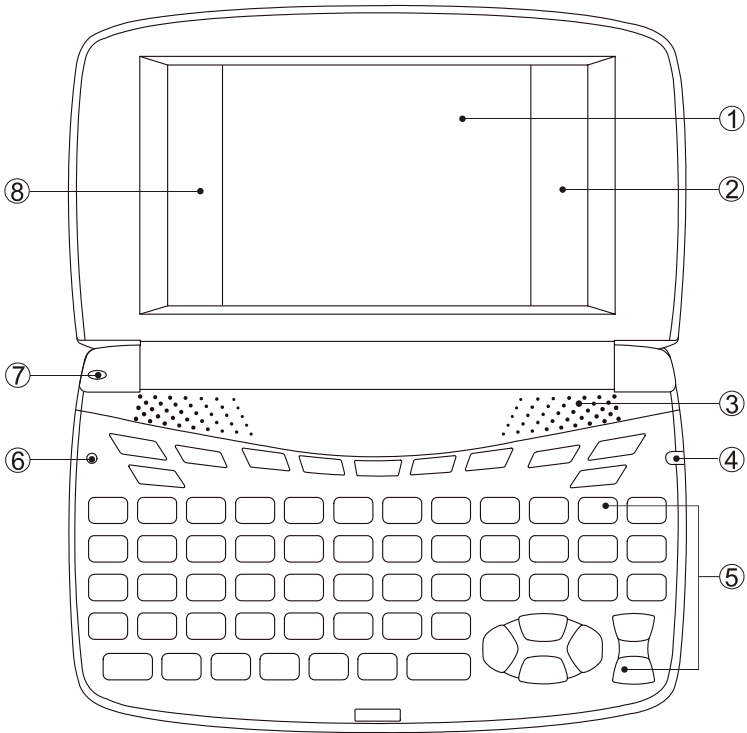
2. Write Protection for SMC. (SMC is an optional accessory)

Stick the Write Protect label on the SMC.



4. Product Layout

* **Obverse side:**



1- Screen

2- On-screen control keys (Right)

3- Speaker

4- LED Light

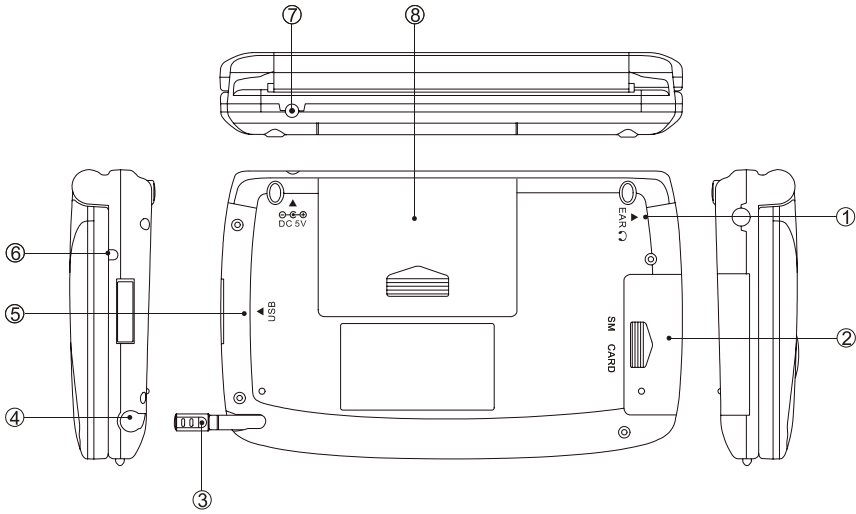
5- Keyboard

6- RESET Key

7- Microphone

8- On-screen Control Keys (Left)

* Reverse side:



1- Earphone Socket

2- SMC Slot

3- Stylus

4- Stylus Slot Cover













5- Mini USB Socket













6- LED Light






7- DC Adaptor Socket







8- Battery Cover (Battery Compartment)






5. Keyboard Buttons






Key	Function
	To initialize the system
	Power on / off button
	Select main menu
	Function keys, same as F1-F5 on the screen
	Under the main menus, press it to shift from one to another
	Return to the main menu from any functions.
	Shift among English / Thai / Icon menu
	Switch English / Thai input mode when editing data
	Listen in English
	Listen in Thai (In related functions only)
	Listen in Chinese / Japanese / Korean (In related functions only)
	Select the item “ ” under the main menu
	Mandarin phonetic symbol ㄤ
	Thai character ก
	Thai character ข
	Select the item “ ” under the main menu
	Mandarin phonetic symbol ㄨ
	Decimal point for calculator or full stop for the text
	Comma for the text with [SHIFT] key
	Hyphen for the text
	Mandarin phonetic symbol ㄩ
	Thai character ฎ
	Thai character ฏ
	Reading after the device in the definition screen
	Access the Naturalistic Learning Method






	Save current record or data
	Save an item for review and test
	Input special symbols
	Mandarin phonetic symbol ㄗ
	Switch the font size (in the definition screen of dictionaries)
	Asterisk *
	question mark "?"
	Mandarin phonetic symbol ㄗ
	Thai character ๓
	Thai character ๔
	Move the cursor up; Shift +  to adjust LCD contrast
	Move the cursor down; Shift +  to adjust LCD contrast
	Move the cursor to the left
	Move the cursor to the right
	View the previous entry or page
	View the next entry or page
	To adjust voice volume with [SHIFT] key
	Numeric key "1"
	The first tone of Chinese Pin Yin input method
	Mandarin phonetic symbol ㄛ
	Thai character ๑
	Thai character “,”
	View Chinese in Travel Dialogues
	Numeric key "2"
	The second tone of Chinese Pin Yin input method
	Mandarin phonetic symbol ㄨ






	Thai character ก
	Thai character “/”
	View Japanese in Travel Dialogues
	Numeric key “3”
	The third tone of Chinese Pin Yin input method
	Mandarin phonetic symbol ✓
	Thai character ใ
	View Korean in Travel Dialogues
	Numeric key “4”
	The fourth tone of Chinese Pin Yin input method
	Mandarin phonetic symbol ˋ
	Thai character ใ
	Thai character ใ
	View German in Travel Dialogues
	Numeric key “5”
	Mandarin phonetic symbol ˊ
	Thai character ใ
	Thai character ฬ
	View Spanish in Travel Dialogues
	Numeric key “6”
	Mandarin phonetic symbol ˊ
	Thai character ๑
	Thai character ๑
	View Italian in Travel Dialogues
	Numeric key “7”
	Mandarin phonetic symbol (light tone) •
	Thai character ๓
	View Dutch in Travel Dialogues


















	Numeric key “8”
	Mandarin phonetic symbol 丫
	Thai character ๙
	Thai character ๘
	View French in Travel Dialogues
	Numeric key “9”
	Mandarin phonetic symbol ㄣ
	Thai character ๙
	Numeric key “0”
	Mandarin phonetic symbol ㄣ
	Thai character ๙
	English letter “Q”
	Mandarin phonetic symbol ㄣ
	Thai character ๙
	Mathematic sign “Hyp” with [SHIFT] key
	Mathematic sign “1/X”
	English letter “W”
	Mandarin phonetic symbol ㄣ
	Thai character ๙
	Thai character ๘
	Mathematic sign “sin ⁻¹ ” with [SHIFT] key
	Mathematic sign “sin”
	English letter “E”
	Mandarin phonetic symbol ㄣ
	Thai character ๙
	Thai character ๘



	Mathematic sign “ \cos^{-1} ” with [SHIFT] key
	Mathematic sign “cos”
	English letter “R”
	Mandarin phonetic symbol ㄖ
	Thai character ฃ
	Thai character ฅ
	Mathematic sign “ \tan^{-1} ” with [SHIFT] key
	Mathematic sign “tan”
	English letter “T”
	Mandarin phonetic symbol ㄊ
	Thai character ฆ
	Thai character จ
	Mathematic sign “ \sin ”
	English letter “Y”
	Mandarin phonetic symbol ㄩ
	Thai character ฉ
	Thai character ซ
	Logical sign “and” with [SHIFT] key
	Mathematic sign “ \div ”
	English letter “U”
	Mandarin phonetic symbol ㄨ
	Thai character ฌ
	Thai character ฌ
	Logical sign “or” with [SHIFT] key
	Mathematic sign “ \times ”
	English letter “I”
	Mandarin phonetic symbol ㄨ
	Thai character ฏ

	Thai character อ
	Logical sign “not” with [SHIFT] key
	Mathematic sign “-”
	English letter “O”
	Mandarin phonetic symbol ㄛ
	Thai character อ
	Thai character ออ
	Mathematic sign “+”
	Logical sign “xor” with [SHIFT] key
	English letter “P”
	Mandarin phonetic symbol ㄜ
	Thai character พ
	Thai character พอ
	Calculate the result in Statistical calculator with [SHIFT] key
	Mathematic sign “±”
	English letter “A”
	Mandarin phonetic symbol ㄚ
	Thai character อ
	Thai character ออ
	Mathematic sign “10 ^x ” with [SHIFT] key
	Mathematic sign “log”
	English letter “S”
	Mandarin phonetic symbols ㄝ
	Thai character ส
	Thai character สอ
	Mathematic sign “e ^x ” with [SHIFT] key
	Mathematic sign “ln”
	English letter “D”

	Mandarin phonetic symbol ㄉ
	Thai character ด
	Thai character ฎ
	Mathematic sign “ X^2 ” with [SHIFT] key
	Mathematic sign “ ”
	English letter “F”
	Mandarin phonetic symbol <
	Thai character ฟ
	Thai character ฝ
	Mathematic sign “ X^Y ” with [SHIFT] key
	Mathematic sign “ $\sqrt[X]{}$ ”
	English letter “G”
	Mandarin phonetic symbol ㄍ
	Thai character ก
	Thai character ฅ
	Mathematic sign “(”
	English letter “H”
	Mandarin phonetic symbol ㄏ
	Thai character ห
	Thai character ฬ
	Mathematic sign “MC”
	Mathematic sign “)”
	English letter “J”
	Mandarin phonetic symbol ㄐ
	Thai character จ
	Thai character ฌ
	Mathematic sign “MR”
	English letter “K”























	Mandarin phonetic symbol ㄝ
	Thai character ็
	Thai character ๅ
	Mathematic sign “M-”
	English letter “L”
	Mandarin phonetic symbol ㄝ
	Thai character ็
	Thai character ๅ
	Mathematic sign “M+”
	English letter “Z”
	Mandarin phonetic symbol ㄜ
	Thai character ๗
	Thai character “(“
	Convert angular unit degree/radian/gradient in scientific calculator with [SHIFT] key
	Mathematic sign “ ”
	English letter “X”
	Mandarin phonetic symbol ㄎ
	Thai character ๒
	Thai character “)”
	Convert counting system in scientific calculator
	Mathematic sign “exp” with [SHIFT] key
	English letter “C”
	Mandarin phonetic symbol ㄉ
	Thai character ๒
	Thai character ๓
	Mathematic sign “X”
	English letter “V”
	Mandarin phonetic symbol ㄊ

	Thai character 
	Thai character 
	Mathematic sign “!” with [SHIFT] key
	Mathematic sign “%”
	English letter “B”
	Mandarin phonetic symbol 
	Thai character 
	Thai character .
	English letter “N”
	Mandarin phonetic symbol 
	Thai character 
	Thai character 
	Mathematic sign :all clear (AC)
	English letter “M”
	Mandarin phonetic symbol 
	Thai character 
	Thai character “?”
	Access Sort function in statistical calculator
	Mathematic sign: clear (C)
	Exit current function
	Delete a character after the cursor. (Back Space)
	Delete selected item, same as [DEL] on the screen
	Switch between insert and replace mode
	To shift among the fields
	Select Chinese input method with [SHIFT] key
	Corresponding to [Tab] icon when it appears in the definition screen of English-Thai, Longman, & Oxford Dictionaries
	Lock keyboard for input capital letters in English
	Switch between Traditional / Simplified Chinese system with [SHIFT] key

	Enter a space when editing data
	The light tone of Chinese Pin Yin input method
	Confirm current operation
	Add a new line during editing
	Calculation the result in calculation function, as [=] key

6. On-screen Control Keys

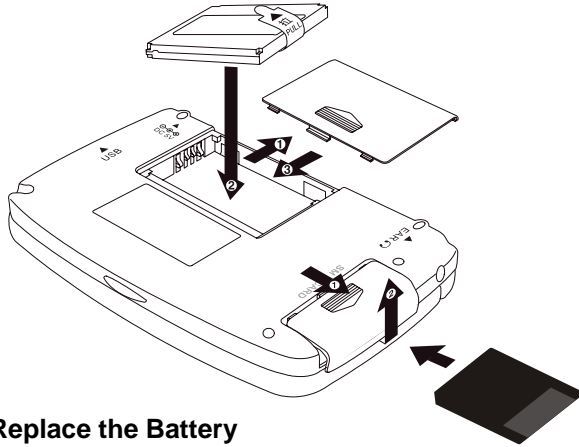
Tap with stylus to activate the functions.

	English-Thai Dictionary
	Thai-English Dictionary
	Thai-Thai Dictionary
	Longman Dictionary
	Oxford Dictionary
	Illustrated Dictionary
	Animated Dictionary
	Naturalistic Learning Method; Access the repeating after the device
	Video Learning
	MP3 Song
	Digital Voice Recorder
	My Picture
	To check the battery power
	To adjust LCD brightness / contrast and voice speed / volume
	Same function as  key
	Same function as  key
	Same function as  key
	Same function as  key

7. Main Power & the Card (SMC)

One of the following power sources can be used.

- A. Rechargeable Lithium-ion battery which comes with this device (3.7V/ 780mAH).
- B. A power adaptor with DC output 5V/1A which comes with this device. This power source can be combined with option A.



7.1 How to Install / Replace the Battery

Insert:

(Turn off the power)

- A. Remove the battery cover.
- B. Insert the battery into the compartment following the direction of arrows.
- C. Close the battery cover securely.

Remove:

- A. Remove the battery cover.
- B. Remove the battery.
- C. Close the battery cover securely.

Note:

- ***Whenever [Battery Low] message appears, please insert the power adaptor to recharge the battery.***
- ***Your personal data will be retained even the device is out of power, but please remember to turn off the power before taking out the battery(if necessary).***
- ***If [Battery Low] message appears very soon after you have fully recharged the battery, it is probably out of order, you may need to change a new one.***

7.2 How to Replace the Card

Insert:

(Turn off the power)

- A. Open the cover of SMC slot.
- B. Insert the card into the compartment following the arrow instructions.
- C. Close the cover securely.

Remove:

- A. Open the cover of SMC slot.
- B. Remove the SM card.
- C. Close the cover securely.

7.3 To Recharge the Battery

- A. Use the power adaptor with DC output 5V/ 1A which comes with this unit only.


Be Caution: Using an over spec. power adaptor may cause severe damage to the circuit of this device.

- B. Plug the charging adaptor into the DC socket on the device and plug the power adaptor into a wall outlet. Normally, it takes 2.5 hours for fully recharged.





Note:

- ***Any damage due to using of other power adaptor is not covered by warranty.***
- ***Any damage due to using of other rechargeable battery is not covered by warranty.***
- ***For the first use of this device, please fully recharge the battery for 2.5 hours, the red LED light will turn to green color when it is fully charged.***

7.4 Checking the Battery Power

You are allowed to tap the hot key  on the screen to check the battery power anytime.

8. Main Menu

Tap [F1]~[F5] on the screen to select a main menu, or press  or  or  or  to select a main menu.

[F1]DICTIONARY

F1 DICT	F2 STUDY	F3 PIM	F4 SYS	F5 MULTI
1	English - Thai Dictionary			
2	Thai - English Dictionary			
3	Thai - Thai Dictionary			
4	Longman English Dictionary			
5	Oxford Dictionary			
6	Chinese - English Dictionary			
7	Chinese - Chinese Dictionary			
8	Idioms and Phrases Dictionary			
9	Animated Dictionary			
0	Illustrated Dictionary			
I	Professional Dictionaries			
II	Smart Media Card			

[F2]STUDY

F1 DICT	F2 STUDY	F3 PIM	F4 SYS	F5 MULTI
1	Naturalistic Learning Method			
2	Animated Grammar [®]			
3	Picture Gallery			
4	English Proficiency Test [®]			
5	Interactive English [®]			
6	English Sentence Exercises			
7	Listening and Learning			
8	TOEFL Exam Exercises			
9	Revision Dictionary			
0	Useful Vocabularies			
I	Travel Dialogues			
II	English References			

[F3] PIM

F1 DICT	F2 STUDY	F3 PIM	F4 SYS	F5 MULTI
1		Name Cards		
2		Memorandum		
3		World Time		
4		Calendar		
5		Schedule		
6		To Do List		
7		Curriculum Schedule		
8		Anniversary		
9		Note Taker		
0		Paintbrush		
I		Reference		
II		Calculate		

[F4] SYSTEM


F1 DICT	F2 STUDY	F3 PIM	F4 SYS	F5 MULTI
1			Memory	
2			Information Communication	
3			System Settings	
4			Personal Settings	
5			Hot Line	

[F5]MULTIMEDIA



F1 DICT	F2 STUDY	F3 PIM	F4 SYS	F5 MULTI
1				MP3 Song [®]
2				My Picture [®]
3				e-Book [®]
4				Games World [®]
5				Text Viewer [®]
6				Digital Voice Recorder
7				Video Learning [®]

Note:

A. In the main menus:



- Press  to shift among icon / English / Thai modes.
- Press any letter keys to access the corresponding index screen of the main menu in the [F1] Dictionary main menu.

B. In the functional screens:


- Press  to return to the main menu.
- Press  to return to the previous screen.

9. Input Methods

9.1 Inputting English/Thai with Keyboard



- A. Press  to switch English/Thai input mode.
- B. Press  to temporarily lock the keyboard for inputting upper case.

9.2 Inputting Special Symbols with Keyboard

In English/Thai input mode, press  key, then tap the corresponding special symbols to confirm.

Note: Special symbols can not be used as the first letter in dictionary input mode.


9.3 Inputting Chinese with Keyboard



- A. Press [SHIFT]+  or tap  to select your favorite Chinese input method.




Chinese input methods: Chinese Pin Yin, Mandarin Phonetic Symbol, Cantonese Pin Yin, Radical stroke, Total Strokes, Chinese Handwriting.

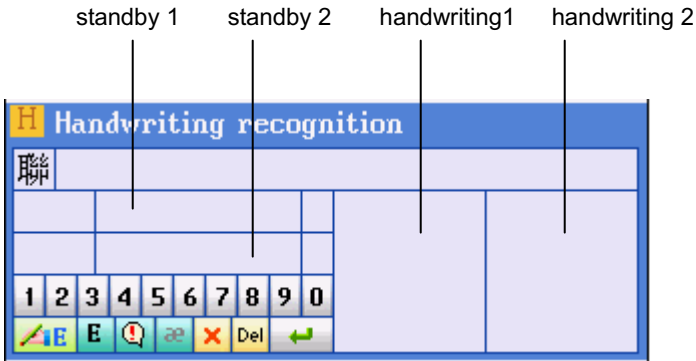
- B. Press or tap the corresponding numeric keys to select the desired Chinese character.


9.4 Handwriting Recognition

Whenever the icon  is displayed on the screen, it means handwriting recognition is available.

- Tap the handwriting icon .
- Tap  to switch to English handwriting. Tap  to switch to Thai handwriting.

- Tap  to activate English soft keyboard. Tap  to activate symbol soft keyboard.
- Tap  to activate phonetic symbol soft keyboard.
- Write English letter, Thai letter or Chinese character in the handwriting zone with the stylus.



- The identified letters or characters will be shown in the standby zone within a few seconds.
- Tap to select the letter or character you need from the standby zone.
- If none of the Thai characters, Chinese characters or English letters shown in the standby zone match your handwriting, you can tap [LEARN] to access the keyboard input mode. Enter the Thai characters, Chinese character or English letters with keyboard and the system will “Learn” to correspond your handwriting with the word you entered.
- Tap  to return to keyboard input mode.
- You can write words in handwriting area 1 and handwriting area 2 alternatively.

Note:

The pen lifting time of handwriting recognition can be set at < F4 SYS—3.System Setting--9. Handwriting Setting>.

9.5 Hints for Handwriting Recognition

9.5.1 How to Increase Recognition Rate

- A. Write English letters in English handwriting mode.
- B. Write Thai letters in English handwriting mode.
- C. Write Chinese character in Chinese handwriting mode,
- D. Write Chinese characters using standard strokes.
- E. Write clearly and legibly, do not omit any strokes.
- F. Avoid unnecessary marking or strokes.

9.5.2 Write in Standard Chinese Strokes

Standard Chinese strokes are written from left to right, from up to down, from outside to inside.

9.6 English Soft Keyboard



9.7 Symbol Soft Keyboard



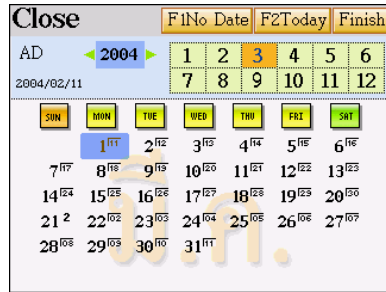
9.8 Phonetic Symbol Soft Keyboard



10. Select the Date

Ex. Select the correct date for the records in [F3 PIM].

- Press / and / to select the month and day.
- Tap / or press page up/down to select the year.
- Tap to shift the cursor.
- Tap the arrow head to change the year, or tap the year area to open a window for revision.

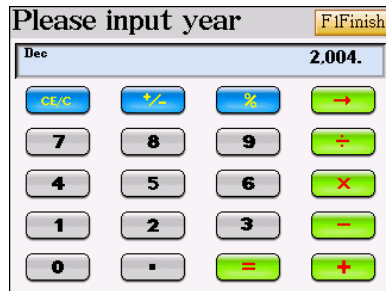


Note: [F1No Date] appears under "F3 PIM--4.To Do List" only.

11. Input the Number

You need to input number in some applications of PIM & SYS.

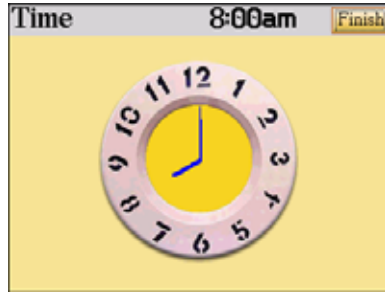
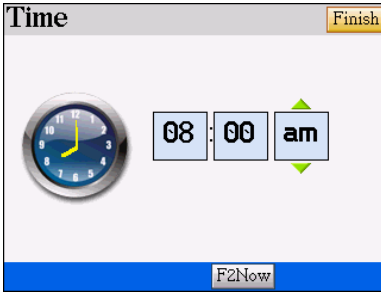
- Tap or press the numeric and symbol keys to input the number.
- Tap [F1Finish] to confirm.



12. Set the Time

Set the time for the records in "PIM" and "SYS", take [F3 PIM]--[3.World time]--[F1 Set Time] as example.

- A. Tap / to adjust the number.
- B. Press [A]/[P] key to select AM/PM. (Only available in 12 hours time format)
- C. Tap the clock to display it in full screen.
 - Tap the minute hand of the clock to change the time.
 - Tap the number circle to set the time.
- D. Tap [Finish] to confirm.

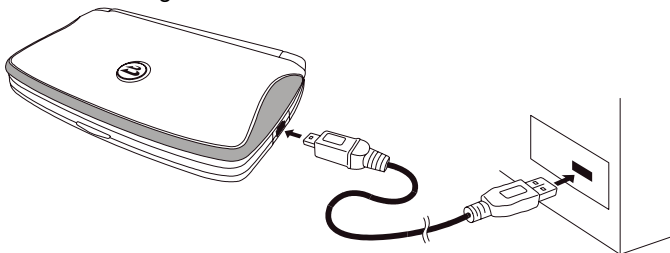


13. Default System Setting

- Local city: Bangkok
- Local time setting: (03.01.2004), (08:00AM)
- World city: New York
- World time setting: (03.29.2004), (08:00PM)
- World city: Hong Kong
- World time setting: (03.01.2004), (09:00AM)
- Time system: 12-hours system
- Alarm setting: Off
- Pen & Keys Tone: On
- Daylight-saving Time: None
- Display language: Icon
- Power Cut-off Interval: 5 minutes
- Opening setting: Dictionary Main Menu
- Password setting: None

14. USB Storage / Drive

Our product provides USB Storage function, you are allowed to link this device and your PC with USB cable to manage the folders and files.



Note:

You will find there are 2 more drives appear under [My computer] in your Windows software. The first stands for the memory of CyberDict, the second stands for the memory of the SMC slot.

15. File Management

You are allowed to create folders or saving files and data. However, please put your download titles in the corresponding and default paths as below to make sure the files are readable under specified functions.

<u>Path</u>	<u>The Related Function</u>
C:\MP3	[F5MULTI] → [MP3 Song]
C:\DCIM	[F5MULTI] → [My Picture]
C:\MULTI\EBOOK	[F5MULTI] → [e-Book]
C:\MULTI\TEXT	[F5MULTI] → [Text Viewer]
C:\MULTI\GAME	[F5MULTI] → [Games World]
C:\MULTI\TOOL	[F5MULTI] → [Tool] (Advanced Calculation)
C:\MULTI\REPLAY	[F5MULTI] → [Digital Recorder]
C:\STUDY\ENGTEST	[F2STUDY] → [English Proficiency Test]
C:\STUDY\EXENGLIS	[F2STUDY] → [Interactive English]
C:\STUDY\ANIGRAM	[F2STUDY] → [Animated Grammar]
C:\MEDIA	[F5MULTI] → [Video Learning]

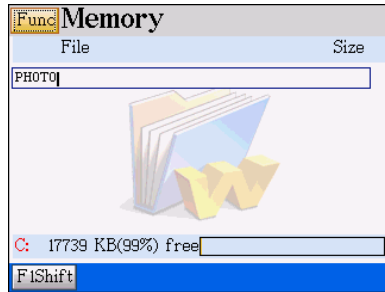
Note:

- 1. If you change the directory or paths when saving the downloadable titles, the system won't be able to read the titles unless you reselect the folder.***
- 2. Only MP3 Song and Video Learning have an automatic file-searching feature.***

You can also create new folder and classify the files in [F4 SYS]→ [1.Memory]

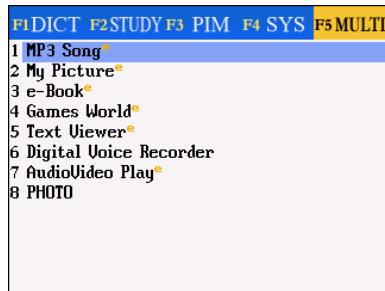
Ex. Create a folder

Tap **Func** → 1.More DirMode → Select a folder “Multi” → tap **Func** → 4.create folder → Input folder name → Press **ENTER**



The corresponding folder name will be displayed in the main menu.

If you create a new folder under “Multi”, you will find the folder name at [F5Multi].



Chapter 2. Dictionary

Distinctive Features:

- Pronouncing Voxware Human Voice in English-Thai, Longman & Oxford Dictionaries
- Allows switching large or smaller fonts under the definition screen
- Allows previewing the definitions in a preview window during smart searching
- Up to 20 cross-search windows
- Allows English/Thai/Chinese handwriting recognition, depends on which language to be inputted
- The Oxford Advanced Learner's English-Chinese Dictionary includes English-English and English-Chinese definitions
- Provides cross-searching feature among other dictionaries such as English-Thai, Thai-English, Thai-Thai, Longman & Oxford dictionaries.
- Built-in 6 most commonly used Chinese input methods for inputting Chinese in Chinese-English Dictionary and Chinese-Chinese Dictionary: Chinese handwriting recognition, Chinese Pinyin, Total Strokes , Radical stroke, Mandarin Phonetic Symbol, Cantonese Pinyin

1. English-Thai Dictionary

- Built-in Nation's Most Entries English-Thai Dictionary
- Provides secondary search: spelling check and the nearest word, you can also create a new entry or headword in your personal User's Dictionary
- Provides smart and wildcard searching
- Provides comprehensive explanations, example sentences, phrases, grammar, synonyms and antonyms
- Listening and repeating after the pronunciation, your voice will be recorded and replayed for your comparison
- Stores vocabulary for reviewing and testing

2. Thai-English Dictionary

- Built-in Nation's Most Entries Thai-English Dictionary
- Provides comprehensive English explanations

3. Thai-Thai Dictionary

- Built-in Dr.Wit's Thai-Thai Dictionary
- Provides Thai definitions in details

4. Longman English Dictionary

- Built-in Longman Dictionary of American English
- The Longman Defining Vocabulary is limited to the 2000 most common English words, makes definitions easy to understand
- Real example sentences, from real conversations and texts, show how words are actually used
- Provides secondary search: spelling check and the nearest word, you can also create a new entry or headword in your personal User's Dictionary
- Provides smart and wildcard searching
- Listening and repeating after the pronunciation, your voice will be recorded and replayed for your comparison
- Stores vocabulary for review and testing

5. Oxford Dictionary

- Built-in Oxford Advanced Learner's English-Chinese Dictionary
- Cover 57,100 headwords, 81500 sample sentences, 12,720 phrases and idioms
- Unique 32 verb patterns, with detailed English and Chinese explanations
- Grammar Notes
- Provides secondary search: spelling check and the nearest word, you can also create a new entry or headword in your personal User's Dictionary
- Allows to select either KK or DJ English phonetic symbols

6. Chinese-English Dictionary

- Built-in Besta's Chinese-English Dictionary
- A wide coverage of Chinese words / idioms and English definitions.
- Provides smart input method to search.

7. Chinese Dictionary

- Built-in The Contemporary Chinese Dictionary, licensed by Dictionary Department, Institute of Linguistics, Chinese Academy of Social Sciences.

- A coverage of over 60,000 Chinese headwords & phrases
- Provides comprehensive Chinese definitions and example sentences.

8. Idioms and Phrases Dictionary

- Built-in Dr.Wit's Idioms and Phrases Dictionary.

9. Animated Dictionary

- Built-in Besta's Animated Dictionary
- Classified into 33 categories, including 2000 most commonly headwords for the beginners
- Provides secondary search: spelling check and the nearest word, you can also create a new entry or headword in your personal User's Dictionary
- Provides animation & Voxware voice pronunciation for both headwords and examples sentences.
- Provides Thai & English definitions, you are allowed to display either one or both languages

10. Illustrated Dictionary

- Built-in Besta's Illustrated Dictionary
- Classified into 12 categories, 184 pages of illustrated pictures and thousands of items
- Provides comparison in Thai and English for the present scene











11. Professional Dictionary

- Built-in Dr. Wit's professional dictionaries, including Medical, Drug, Disease & Therapies, Computer, Engineering, Management Science, Legal (E-T), Legal (T-E) dictionaries
- Provides a User's Dictionary for storing your personal vocabularies.

12. Smart Media Card









- Provides standard SMC (smart media card) slot for memory extension

General Operations


1. Press  to switch among Icon / English / Thai menus.
2. Under the main menu, press  /  /  /  to select an item, and then press  to access the function.
3. Under the main menu, press  /  /  to switch among the menus.
4. Press corresponding numeric keys or tap the item on the screen directly to access.
5. Press  to return to the main menu under any applications.

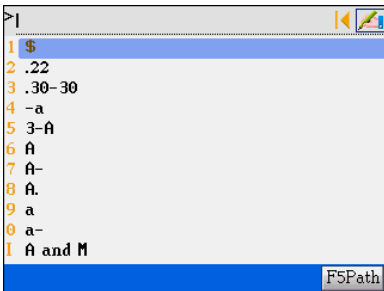
1. English-Thai Dictionary

1.1 Smart Input

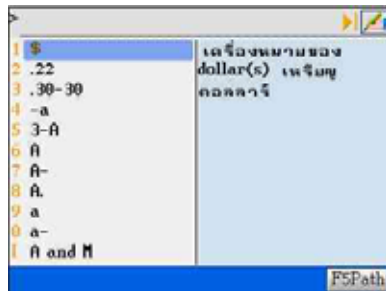
- A. Type the first or the first few letters of an English word, a list of words will be displayed for you to select.
- B. Tap  on the upper right screen to preview the definitions of current headword.
- C. Press [F5 Path] to check the old record of words you've searched before.
- D. Press  /  to look up the words on the previous / next page.
- E. Tap to select the word, or press  /  to highlight the word, press  to look it up.
- F. The alternative way of looking up a word:
 - ✧ Press corresponding numeric key.
 - ✧ Double tap the word to look it up directly.
- G. On the page of the definitions, press  /  to display the previous / next word in alphabetical order.

For example, look up “good” in English-Thai Dictionary.

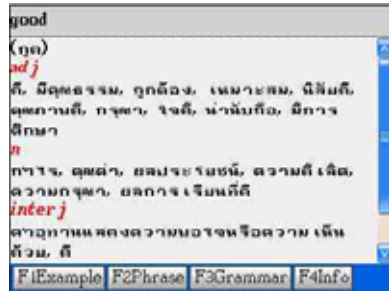
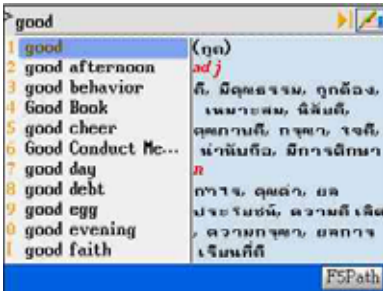
1. Tap “E-T Dict.” icon in the main menu.
2. Tap  on the upper right screen.




3. Type [g][o][o][d].

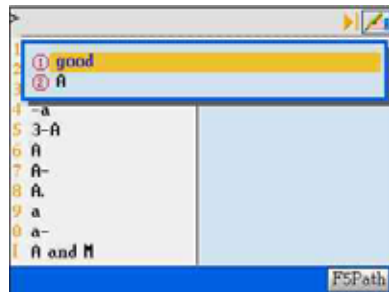
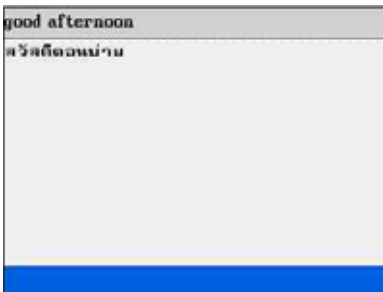


4. Press  to display its full definitions.




5. Press  to view next word.

6. Tap [F5 Path] on input screen to display up to 50 words you looked up before.

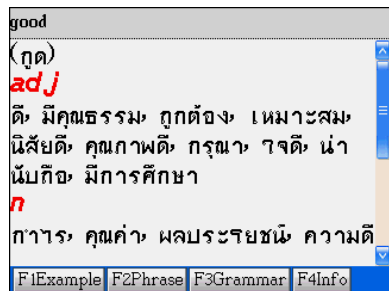
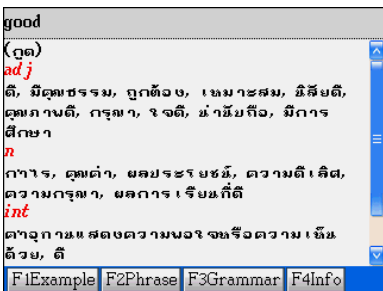


1.2 Switching Font Size

Under the explanation screen, press  to switch the font size.

Ex: In “English-Thai Dictionary”

Press 



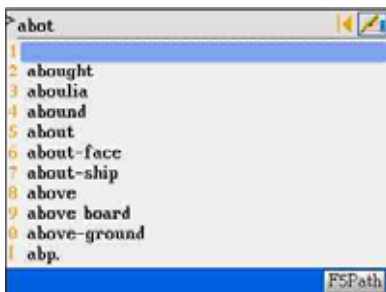
1.3 Secondary Search

If the word you entered is not found, it might be due to misspelling or the searched word is not included in this Dictionary. 2 secondary searching methods will be provided, furthermore, you can also add the word as a new entry into User's Dictionary.

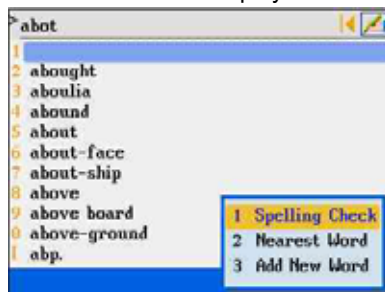
- ❖ **Spelling Check:** Display words that similar in pronunciation.
 - ❖ **Nearest Word:** Access the closest word in alphabetical order.
 - ❖ **Add New Word:** Add the word into User's Dictionary.
- A. Type an English word.
 - B. Press **ENTER** to look up the word.
 - C. If no data is found, press the corresponding numeric key or tap on the screen to select a secondary search.
 - D. If you choose "1. Spelling Check", press **▲** / **▼** to select the word and then press **ENTER** to confirm.
 - E. If you choose "2. Nearest Word", access the explanation screen of the closest word.
 - F. If you choose "3. Add New Word", access the input screen of User's Dictionary. You can input related information such as phonetic symbols and explanations for the new entry. If you have saved this word in User's Dictionary, the next time you input the same word, it shall be displayed.

For example, if the word "abort" is misspelled as "abot" in English-Thai Dictionary.

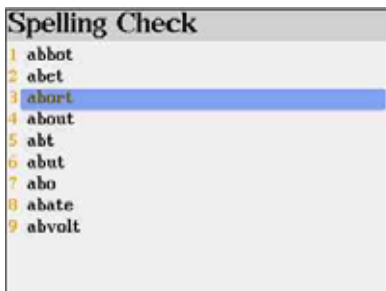
1. Type [a][b][o][t]



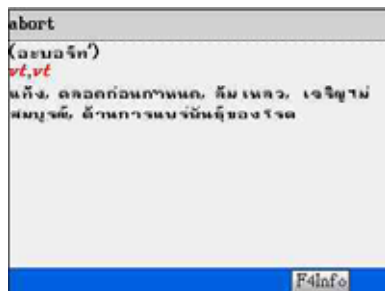
2. Press **ENTER** to display its definitions.



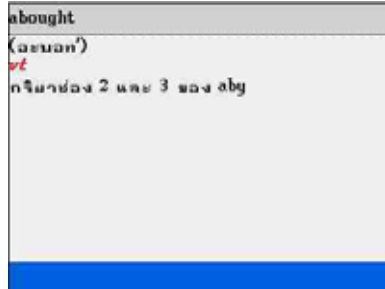
3. If you select "1. Spelling Check", a list of words will be displayed".



4. Select "abort" and press **ENTER** to access the definition screen of "abort".



If you select "2 Nearest Word", the definition of the closest word "abought" will be displayed.



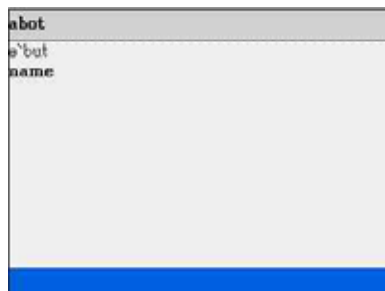
If you select "3 Add New Word", access the User's Dictionary directly.

1. Input information related to your new personal vocabulary "abot". Press [Save] to save this new entry.



2. The next time whenever you enter "abot"....







3. "abot" in User's Dictionary shall be displayed.



1.4 Wildcard Search


To look up a word you are not sure the exact spelling, type all the letters you know and replace the unknown letter(s) with "?" or "*". "?" Stands for an unknown letter and "*" stands for a string of unknown letters.

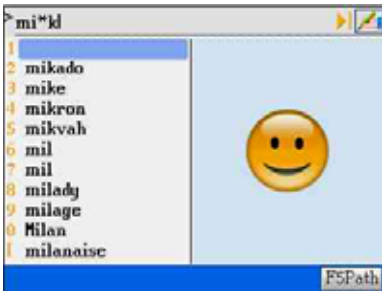
Note: Both "?" and "*" can't be used to stand for the beginning letter(s) of the word.

- A. To search a word, type the letters you know first.
- B. Enter "?" or "*" to replace the unknown letter(s).
- C. Press , a word list will be displayed for you to select.
- D. Press  /  to display the word list on the previous / next page.
- E. Tap the word, or press  /  to highlight the word. Press  to look up the word.

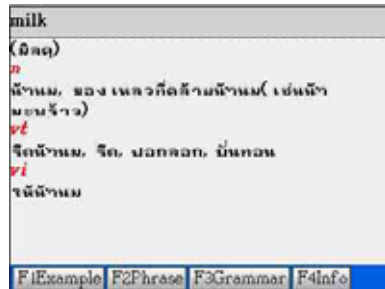
For example, look up an unfamiliar word "mi*k" in English-Thai Dictionary.

Type [m][!][*][k]

Press  to confirm, a list of words will be displayed.




Select "milk" to access the explanation screen of the word.

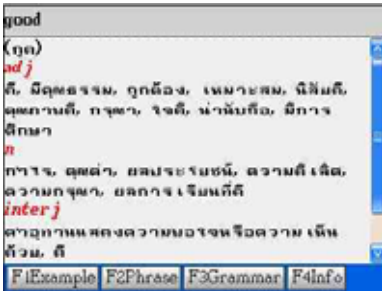


1.5 Related Data Search

When the corresponding icon appears, press [F1~F4] to look up the related example sentences, phrases, grammar and other information such as synonyms and antonyms.

For example, look up the related data of “good” in English-Thai Dictionary.

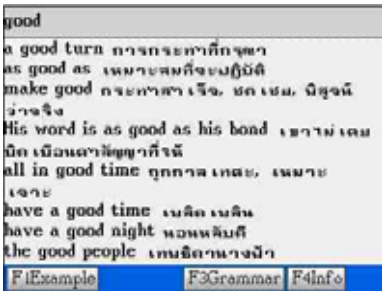
1. Type [g][o][o][d] and press 



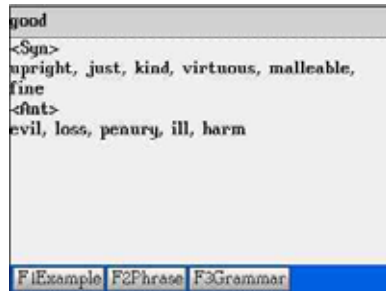
2. Select [F1 example] to view all example sentences of "good".



3. Select [F2 Phrase] to view all related phrase of “good”.



4. Select "F4 Info" to view synonym and antonym of “good”.



Note: Other operations are same as above.

1.6 Cross Search

Highlight any words you want to look up. You may open up to 20 windows to cross search the words among different dictionaries. **Note:** the layer number will be shown on the upper right of the screen.

A. Type a word.

B. Highlight the Thai/English word(s).

❖ **Highlight a word with the stylus:**

Tap on the word.

❖ **Highlight a string of words with the stylus:**

1. Tap on the first word and drag to the last word.
2. Tap on any parts of the screen other than the highlighted area to cancel the highlight.

❖ **Highlight a word with keyboard:**

1. Press **[INS]** or **[▶]** to locate the cursor.
2. Press **[▶]** to highlight the word.

❖ **Highlight a string of words with keyboard:**

1. Press **[INS]** or **[▶]** to locate the cursor.
2. Press **[SPACE]** and **[▶]** to highlight a string of words.
3. Press **[SPACE]** or **[ESC]** to cancel.

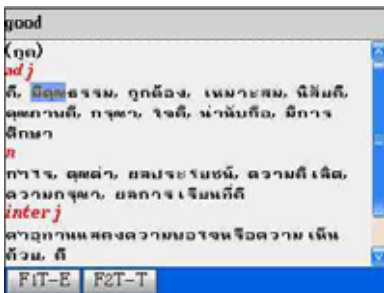
C. Press **[ENTER]** to look up the word(s).

D. Press the corresponding function key at the bottom of the screen to cross-search the explanation in other dictionary.

E. Press **[ESC]** to display the previous screen.

For example, cross search a Thai word & English word.

1. Highlight a Thai word.

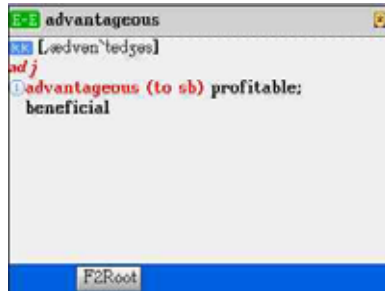


2. Press **[F1 T-E]** to cross-search this word in Thai-English Dictionary.





3. Highlight “advantageous”






4. Press **[F3 OX]** to cross-search this word in Oxford Dictionary.

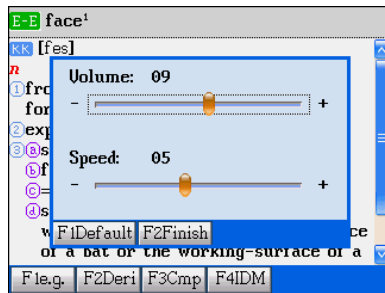


Note: "LM" stands for Longman Dictionary & "OX" stands for Oxford Dictionary.


1.7 Pronunciation

- A. Press  to pronounce the English headword.
- B. Tap the on screen control key  to adjust volume & speed.



Press  or  /  to select the item,
 Press  /  to set the value; or directly tap on the axis to adjust volume and speed.
 Tap or press [F1Default] to return to the default setting.
 Tap or press [F2 Finish] to confirm.



1.8 Storing Data

Press  to store the English headword for reviewing and self-testing. Only the saved words will appear in the Revision Dictionary under [F2 STUDY] main menu.

1.9 Listening and Repeating after the Device

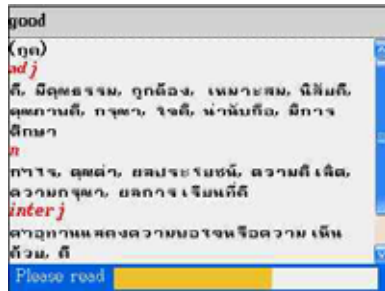
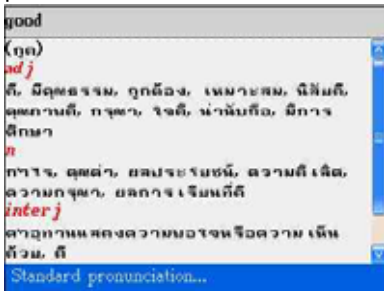
- Press  in the explanation screen of a headword, you are allowed to listen to the Voxware Human Voice pronounced by the device and learn to pronounce the word by yourself. Your voice will be recorded and replayed for your comparison.
- A. Press  in the explanation screen.
 - B. A message "Standard pronunciation..." appears; the device will pronounce the word accurately.
 - C. When another message "Please read..." is displayed, please pronounce the word by

yourself close to microphone, your voice will be recorded.

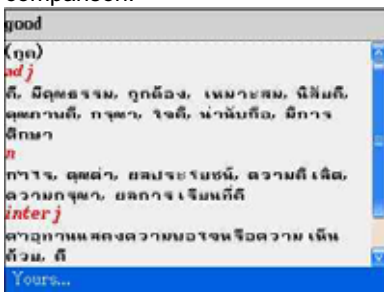
- D. The device will replay the standard pronunciation and your voice for your comparison.
The message “Yours...” means your recorded voice.
- E. When a message ” Continue? ” appears, tap [Yes] to compare again, tap [No] or [ESC] to exit the function.

For example, listen and speak the word “good”

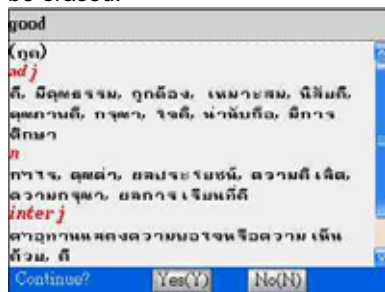
- 1. Press **LEARN** in the explanation screen of “good”. Listen to the standard pronunciation.
- 2. Please pronounce the word by yourself. Your voice will be recorded.



- 3. The device will replay the standard pronunciation and your voice for your comparison.

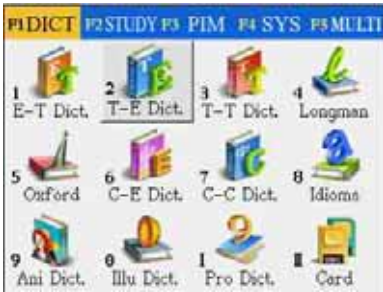


- 4. Tap “Yes(Y) “ to compare again. Tap “No(N)” to exit. The recorded voice will be erased.



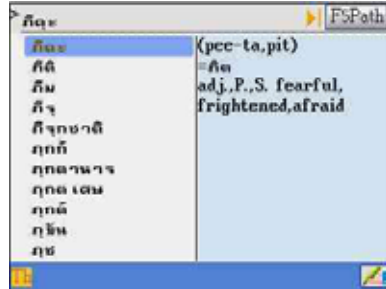
2. Thai-English Dictionary

1. Tap "T-T Dict." icon in the main menu.



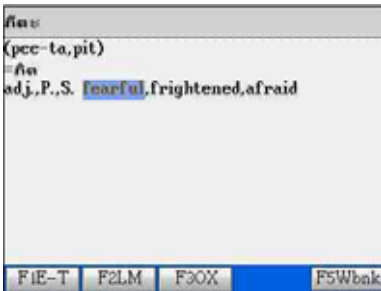
2. Tap ◀ on the upper right screen.

3. Type Thai characters.

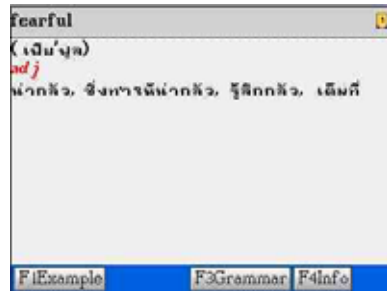


4. Press **ENTER** to look up the word.

5. Highlight an English word to be cross search.



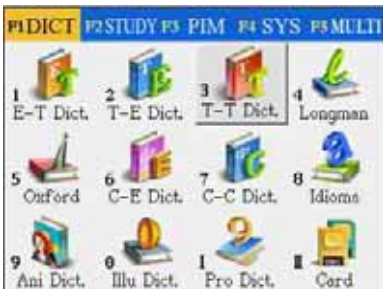
6. Press [F1 E-T] to cross search in English-Thai Dictionary.



Note: For details of cross search function, please refer to "1.6 Cross search"

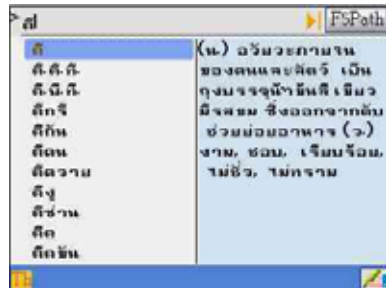
3. Thai-Thai Dictionary

1. Tap [T-T Dict.] icon in the main menu.

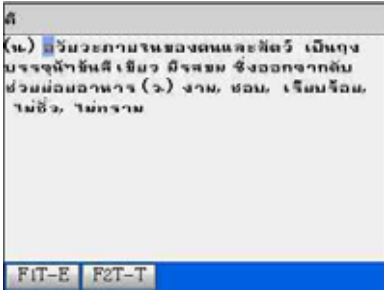


2. Tap ◀ on the upper right screen.

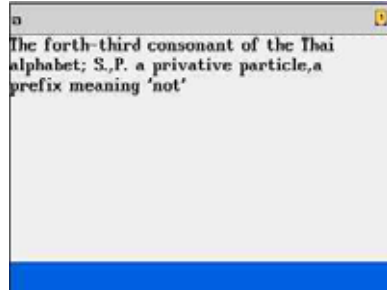
3. Type Thai characters.



- Press **ENTER** to look up the word.
- Highlight an English word to be cross search.



- Press **[F1 E-T]** to cross search in English-Thai Dictionary.

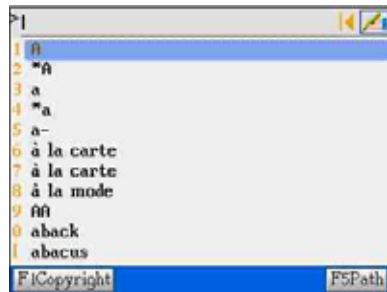
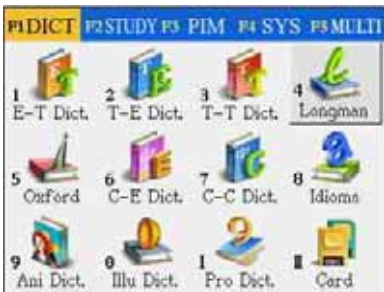


Note: For details of cross search function, please refer to "1.6 Cross search"

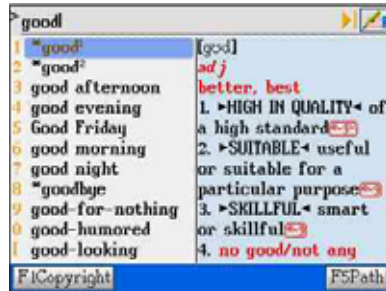
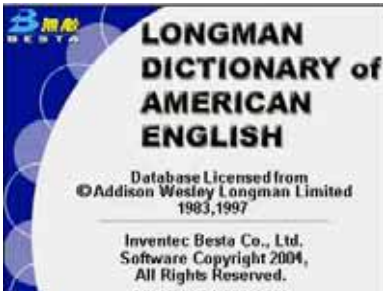
4. Longman Dictionary

For details of instructions such as switching font size, secondary search, wildcard search, cross search, pronunciation, repeat after the device, storing data, etc., please refer to the operations of "1. English-Thai Dictionary"

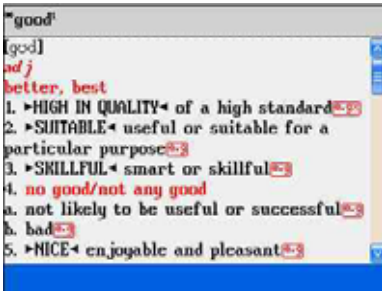
- Tap "Longman" icon in the main menu.
- Input screen of Longman Dictionary.



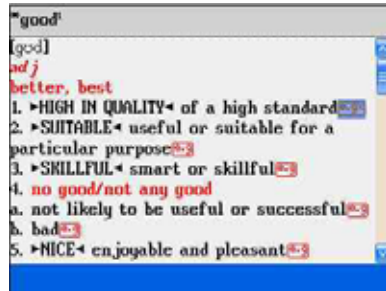
- Press **[F1 Copyright]** to display the copyright notice. Press **ENTER** or **ESC**, then return to input screen.
- Tap **◀** on the upper right screen.
- Type English letters.



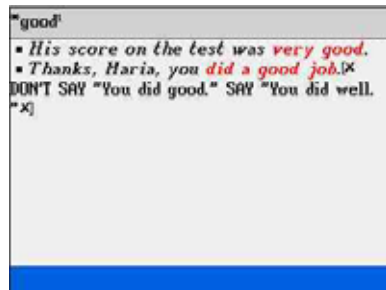
6. Press to look up the word.



7. Highlight [e.g.x]



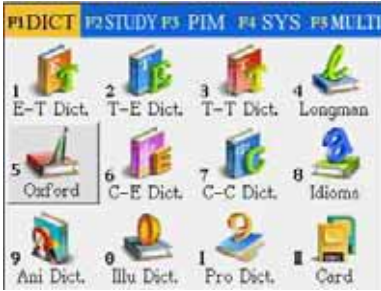
8. Press to view the example sentences and the proper way to use the word.



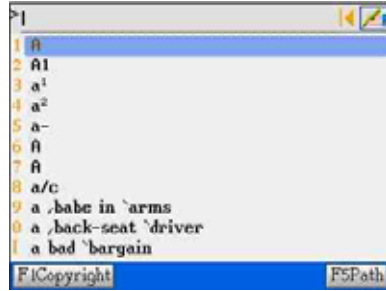
5. Oxford Dictionary (English-English & English-Chinese)

For details of instructions such as switching font size, secondary search, wildcard search, cross search, related data search, pronunciation, repeat after the device, storing data, etc., please refer to the operations of “1. English-Thai Dictionary”

1. Tap “Oxford” icon in the main menu.



2. Input screen of Longman Dictionary.



3. Press [F1 Copyright] to display the copyright notice. Press **ENTER** or **ESC**, then return to input screen.

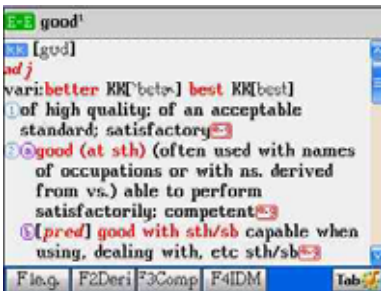


4. Tap ◀ on the upper right screen.

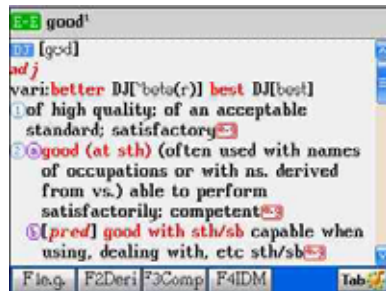
5. Type English letters.



6. Press **ENTER** to look up the word.



7. Tap [KK], the phonetic symbol will change to [DJ] and vice versa.



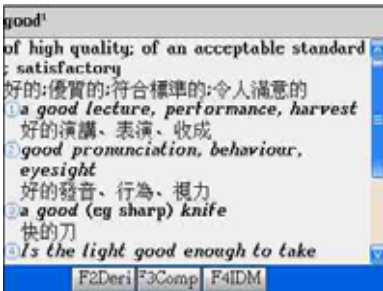
8. Tap [E-E], switch to [E/C] to display English and Chinese definitions simultaneously



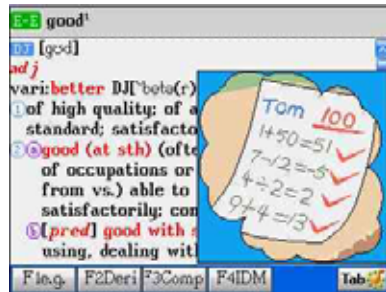
9. Tap [E/C], switch to [E-C] to display Chinese definition only.




10. Tap [e.g] or [例] to display example sentences.







11. Whenever [Tab] appears, tap [tab] to display the animation picture of Animated Dictionary.







12. When displaying Chinese content, press [Shift] +  to switch between Traditional and Simplified Chinese characters.

6. Chinese-English Dictionary

- Input the first or the first few characters of the Chinese phrase, a list of Chinese phrases will be provided for you to select. Move the cursor to highlight the desired phrase, and then press  to look it up.
- Press [Shift]+  or tap  to select a Chinese input method; tap  to access handwriting recognition.
- The alternative ways of looking up a word:

- ◇ Double tap the word to be looked up.
- ◇ Press the corresponding numeric key.


- D. In the screen of the definitions, press  to listen in Chinese; press  to repeat after the device. Your voice will be recorded and replayed for your comparison.
- E. In the screen of the definitions, press  /  to display the previous/ next Chinese phrase.

For example,


1. Tap “C-E Dict.” icon in the main menu.




2. When displaying Chinese content, press

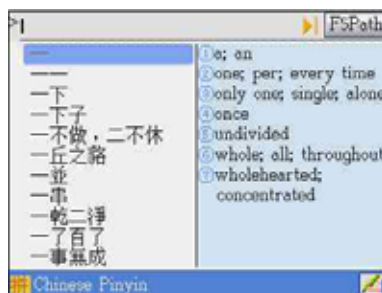
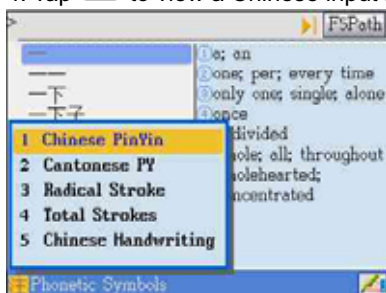
[Shift] +  to switch between Traditional and Simplified Chinese characters.




3. Tap  on the upper right screen.

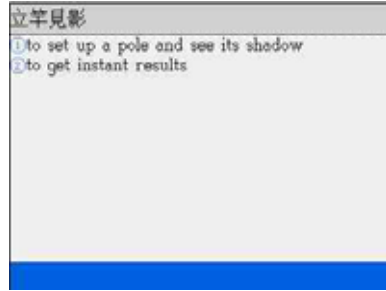
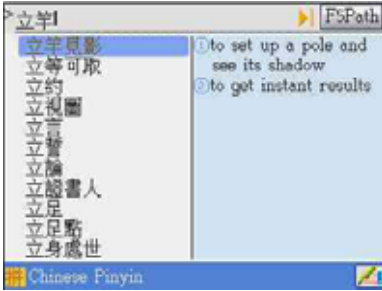
5. Select an input method.

4. Tap  to view a Chinese input method.



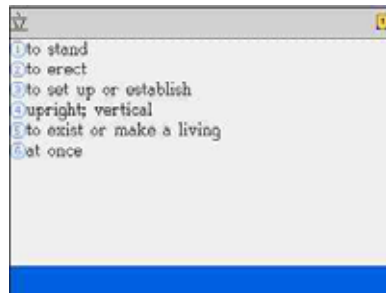
6. Input Chinese characters.

7. Press  to display the full explanation.



8. Highlight a Chinese word (or words)

9. Press [F1 C-E] to cross-search the Chinese word.

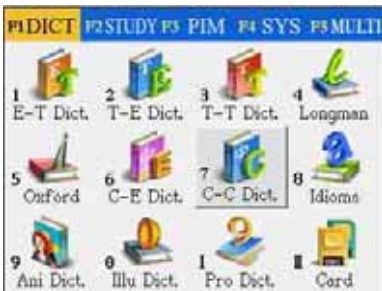




7. Chinese-Chinese Dictionary

Please refer to **6.Chinese-English Dictionary** for detail instructions.


You are not allowed to switch between Traditional or Simplified Chinese Characters because both characters exist in the database simultaneously.

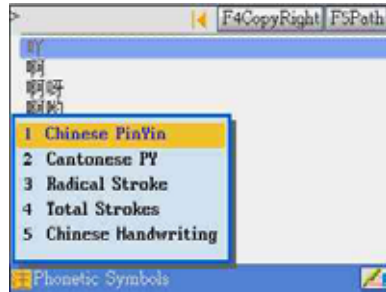
1. Tap “C-C Dict.” icon in the main menu.
2. Input screen.




3. Press [F4 Copyright] to display the copyright notice. Press  or  twice, then return to input screen.




4. Tap  to view a Chinese input method.
 5. Select an input method



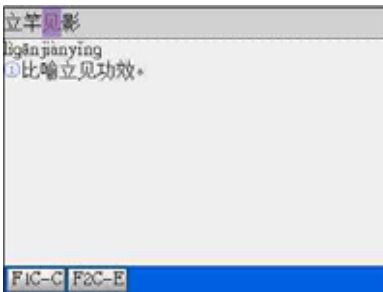
6. Tap  on the upper right screen.



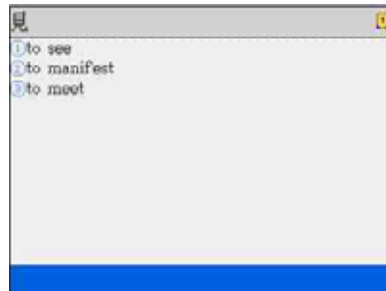
7. Press  to display the full explanation.



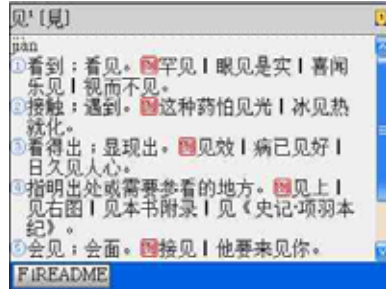
8. Highlight a Chinese word (or words)



9. Press [F2 C-E] to cross-search the Chinese word in Chinese-English Dictionary.



10. You can also press [F1C-C] to cross-search the Chinese word in Chinese-Chinese Dictionary.



8. Idioms & Phrases Dictionary

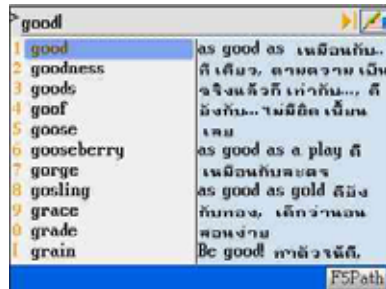
For cross search function, please refer to “1.6 Cross Search”.

1. Tap [Idioms] icon in the main menu.

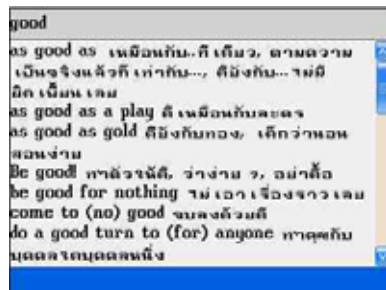


2. Tap ◀ on the upper right screen.

3. Type English letters.



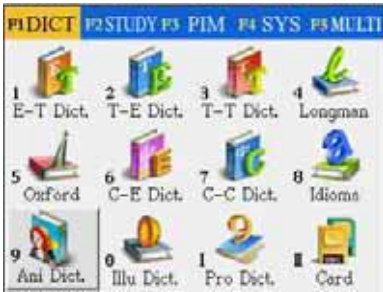
4. Press **ENTER** to look up the word.



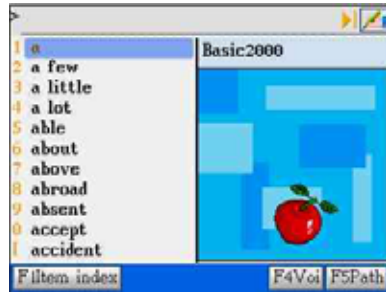
9. Animated Dictionary

For details of instructions such as switching font size, secondary search, wildcard search, cross search, related data search, pronunciation, repeat after the device, storing data, etc., please refer to the operations of “1. English-Thai Dictionary”

1. Tap "Ani. Dict." icon in the main menu.



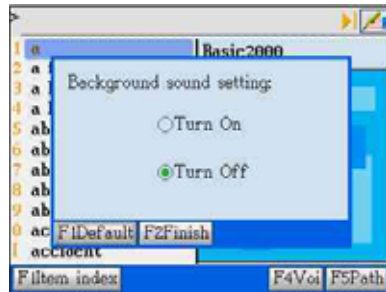
2. Input screen of Animated Dictionary.



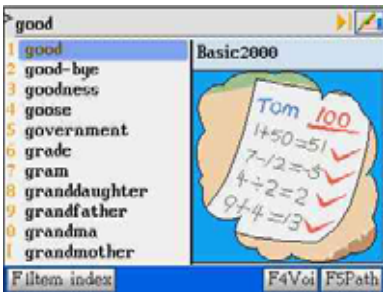
3. Press [F1 Item Index] to select categories.




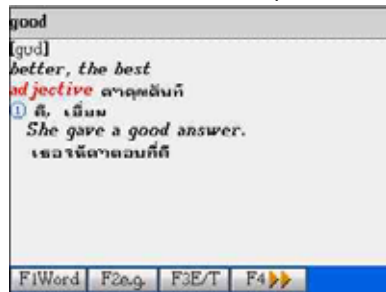
4. Press [F4 Voi] to turn on/off the sound during animation playing.



5. Input English letters.

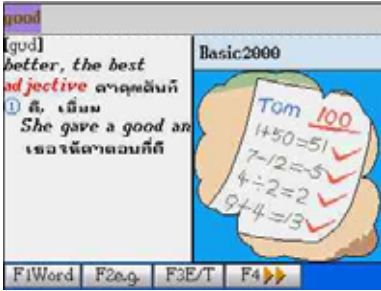


6. Press  to look up the word.

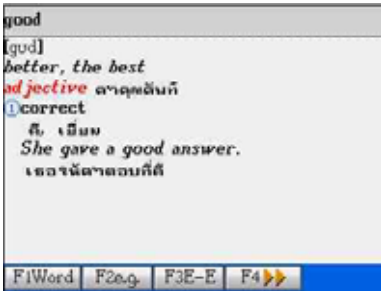


7. Press [F1 Word] to pronounce the word and display the animation.

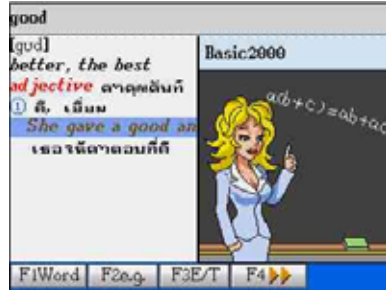
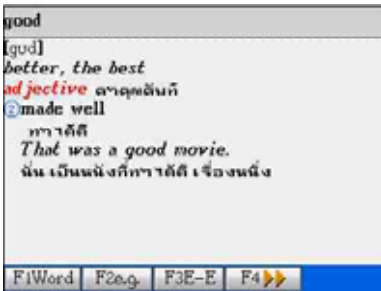
8. Press [F2 e.g.] to pronounce the example sentence. Then display the animation related to it.



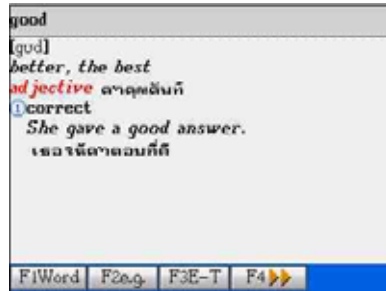
9. Press [F3 E/T] to display English and Thai explanations simultaneously.



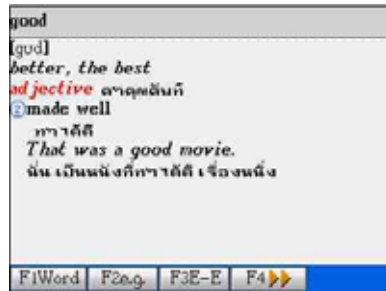
11. Press [F3 E-T] to display Thai explanation only.



10. Press [F3E-E] to display English explanations only.

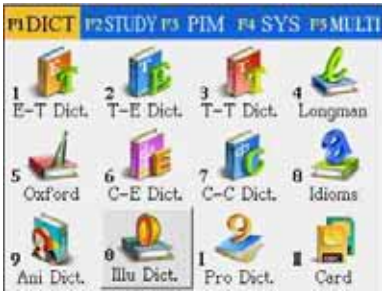


12. Press [F4>>] to display more explanations.



10. Illustrated Dictionary

1. Tap [Illu. Dict.] icon in the main menu.

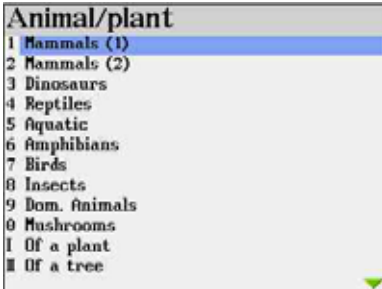


2. Press **ENTER** to view the categories.



3. Move the cursor to select a category.

4. Press **ENTER** to confirm or press corresponding numeric keys to access a category directly.



5. Select a sub-category and view the pictorial page.




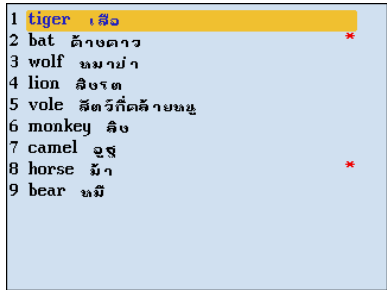
6. Tap on the corresponding number or press the corresponding numeric key to display English and Thai noun.





7. Press **ENTER** or tap **↵** to display a detail picture whenever **↵** appear on the screen.



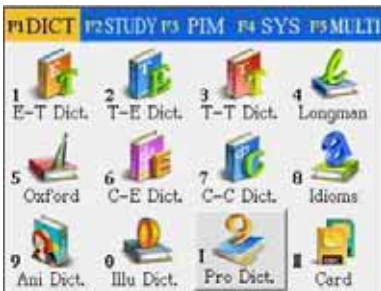
8. Press  key to display all Thai and English word list for the present picture.




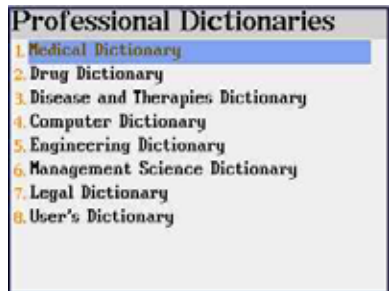
- A. Press  /  to look up the words on the previous / next page/picture.
- B. Press [TAB] to disable/enable number displaying.

11. Professional Dictionary

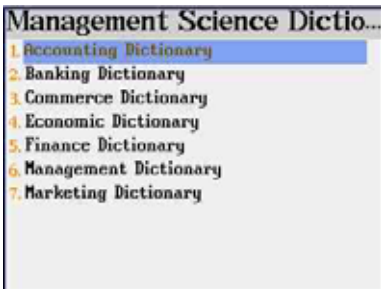
1. Tap [Pro. Dict.] icon in the main menu.



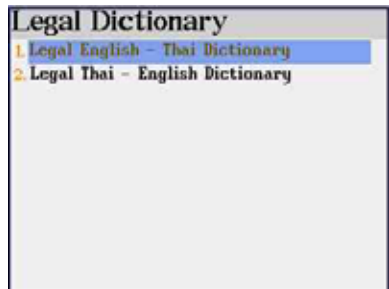
2. Press  to view dictionaries.



3. There is a sub-category in Management Science Dictionary.

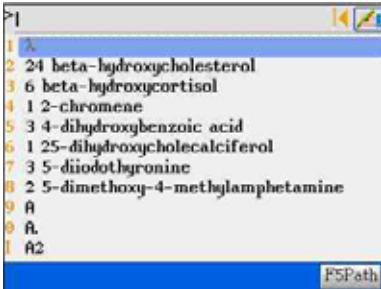



4. There is also a sub-category in Legal Dictionary.



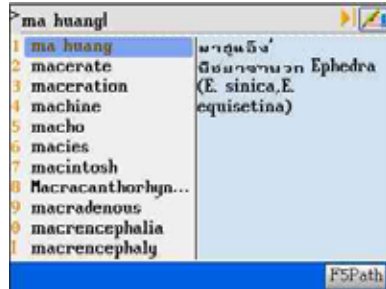
5. Select a dictionary


(ex. Medical Dictionary)

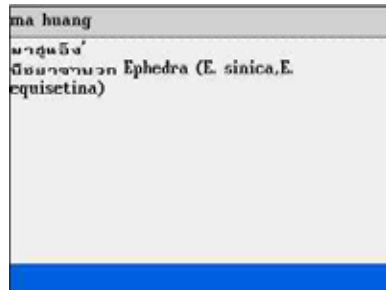


6. Tap  on the upper right screen.

7. Type English letters.



8. Press  to display the full explanation.



12. SMC (Smart Media Card is an optional accessory)

This is a standard SMC slot. The main purposes of this extension slot are for the memory extension or functionality expansion, for example, whenever a professional dictionary card is inserted, it becomes a part of the device.

Be memory extension purpose, this SMC is drive [A] of the unit while inserted. You can tap [Func] to select this drive in Animated Grammar, English Proficiency Test, Interactive English, MP3 player, Album, Games World, e-Book, T-Viewer, Video Learning, etc.

Note: PIM data can only put in the flash memory of the unit, but not SMC.

Chapter 3. Study

1. Naturalistic Learning Method

- Listening, speaking, reading & writing are the normal processes of learning a language. The Naturalistic Learning Method provides an environment of listening and speaking English with many commonly used and oral sentences.
- Provides 6 levels of naturalistic learning
- Provides user information for reference, including total time, total sentences, time and number of sentences
- Listening and repeating after the pronunciation, your voice will be recorded and replayed for your comparison
- Allows to select male or female voice, study mode, repeat times and other settings

2. Animated Grammar

- To learn English grammar efficiently through the provided specified scene, animations, dialogues and stories
- Hundreds animated grammar titles will be prepared, either downloadable from CyberDict Technology website or bundle with this device
- Allows to insert/read a bookmark.
- Please put the downloaded contents in the following path: C:\STUDY\ANIGRAM.

3. Picture Gallery

- Provides hundreds colorful pictures of specified items and shows their English and Thai nouns
- The pictures can be set as your favorite start-up picture
- The pictures can be set as slides for displaying continuously

4. English Proficiency Test

- This is a test to verify your listening comprehension ability, choose the right answers according to the questions, pictures, conversations or dialogues
- There are 6 tests embedded in the device, the rest of the tests need to be downloaded from CyberDict Technology website or the CDROM that come with this device

- Provides the listening comprehension test and practice categorized into 3 levels: Basic/Middle/High
- Provides “Mock Test” and “Practice Room” features
- Please put the downloaded contents in the following path: C:\STUDY\ENGTST.

5. Interactive English

- Includes abundant conversations which can be downloaded/updated from the website.
- Provides English dialogues with recorded human voice
- Provides Thai translation of the English sentences
- You can play as the role you want to be and recording your pronunciation for comparison
- Please put the downloaded contents in the following path: C:\STUDY\EXRNLIS
- Allows cross-searching into English-Thai, Longman and Oxford Dictionaries

6. English Sentence Exercises

- Provides 7 test levels to users.
- Please rearrange the words of sentences into correct order
- You may check the correct answer or listen to the correct answer

7. Listening and Learning

- You are allowed to store words and dialogues for listening reviews
- Listening comprehension and learning English anywhere, anytime
- Allows to set the number of repetition, time interval among sentences and display setting

8. TOEFL Exam Exercises

- Provides learning, reviewing and testing, recalling and practicing functions in 4 main groups of English words, there are 1000/2000/3000 most commonly used words and TOEFL words.

9. Revision Dictionary

- You can save some words in English-Thai and Longman English Dictionaries, then practice these words with “learn”, “review & test”, “recall” and “practice” features

10. Useful Vocabularies

- More than 2000 commonly used nouns categorized into apparel, dining, home, transportation, recreation, sports, school, society, animal & plants, and others.
- Up to 20 cross search windows

11. Travel Dialogues

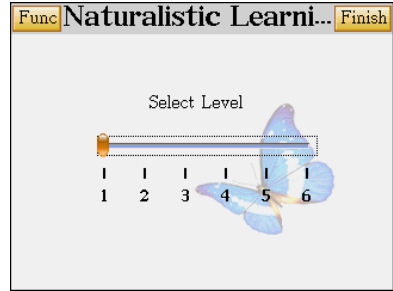
- Classified into 10 main themes and 46 situations
- Up to 20 cross search windows
- Provides conversation texts in English, Thai, Chinese, Japanese, Korean, German, Spanish, Italian, Dutch and French
- Pronunciation in English, Thai, Chinese, Japanese and Korean

12. English References

- Provides English references such as English proverbs, Thai proverbs, Male English names, female English names, English prefixes, English suffixes, adjectives, verb patterns and dictionary appendix

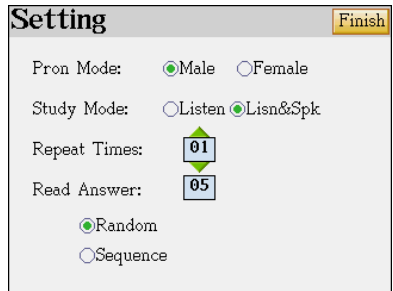
1. Naturalistic Learning Method

- A. Press / to select level.
- B. Tap **Func** to open the drop-down menu.
 - * User Information – show current status of the practice.
 - * Default – resume all the default settings.
 - * Setting – User's setting.
- C. Tap [Finish] to confirm.

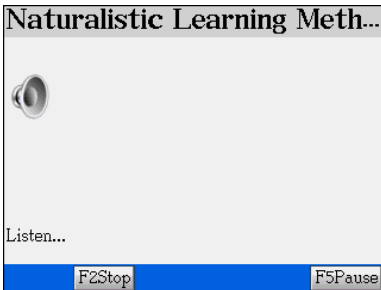


If you select [3 Setting], you can select Male or Female voice, set study mode, repeat times, repetition of answer and the way to select the sentences, either randomly or sequentially.

- A. Press [TAB] or / to shift among the settings, then press to select, or tap on the item directly.
- B. Press / to select repeat times and display interval.



1. Tap [Finish] in the initial screen to start.
2. Listen to the pronunciation.
3. Pronouncing the sentence yourself, your voice will be recorded.



4. Listen to the standard pronunciation



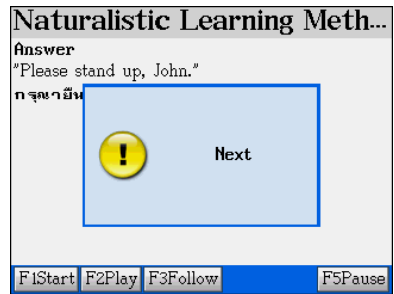
5. Listen to your pronunciation.




6. Display the original English sentence and its Thai translation. The duration of displaying can be set in "Setting" (Display Interval)




7. When time is up, the system will continue the practice and go to the next sentence.




2. Animated Grammar


A. Tap  under the Study menu.

B. Tap  to open the drop-down menu.


* [View] - to select view modes such as Detail View, Large View and Small View.

* [Select Drive] - to select Drive C or A. The correct path for Animated Grammar titles is `\STUDY\ANIGRAM`.

C. Select an animated grammar title, press  and getting start.

D. Press  to pause the animation. You are allow to highlight a word(s) in the

Func	Animated Grammar	Name	Size	Date
		.. [C:\STUDY\ANIGRAM]		
		Positional Prep	424KB	2004/02/24
		at.on.in	356KB	2004/02/24
		But and object	512KB	2004/02/24
		over, past, aft	363KB	2004/02/24

sentence, then press  to cross-search the word into other dictionary.

Ex. Learning how and when to use “But”

Name of this course



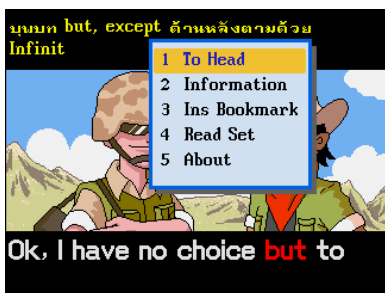
Grammar guide shall be displaying right after the sentence is pronounced.



Press [F1]~[F5] while the animation is being played.

1. Restart : restart from the beginning.
2. Information : displays name of this course.
3. Ins/read Bookmark : insert/read a bookmark.
4. Setting : enable/disable auto page down.
5. About : view the copyright notice

Press any key of [F1]~[F5] of unit



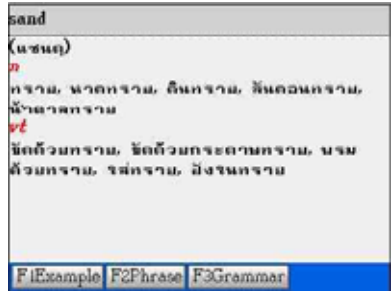
Tap [3 Ins Bookmark] to save Bookmark



Press **SPACE** to pause the animation, highlight a word with stylus, then press

Press **ENTER** to start cross-searching.


ENTER and select a dictionary.



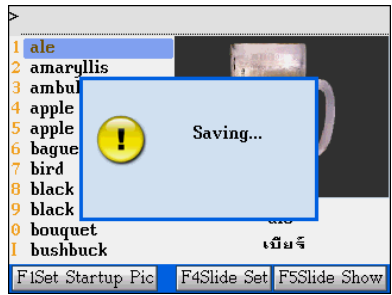
3. Picture Gallery

Provides colorful pictures with English/Thai meaning. You can also input English letters to search for a word. The pictures will enhance your memory to remember these words.

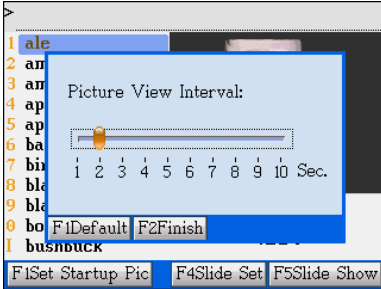
- A. Input the first or the first few letters of an English word, a list of words will be displayed in alphabetical order.
- B. Tap [F1Set Startup Pic] to save the present picture as the startup picture.
- C. Tap [F4Slide Set] to set the interval of slide preview time.
 - * Press **←** / **→** to select picture view interval.
 - * Tap [F1Default] to resume all default settings.
 - * Tap [F2Finish] to confirm.
- D. Tap [F5Slide Show] to view the picture continuously just like showing slides.
- E. Press **↶** / **↷** to look up the words and pictures on the previous/next page.
- F. Press **⬆** / **⬇** to look up the previous/next word and picture.

Tap  under the Study menu

Tap [F1 Set Startup Pic]




Tap [F4Slide Set] to set, then tap [F2Finish] Tap [F5Slide Show] to slides. Press [ESC] to confirm. to return to the previous screen.

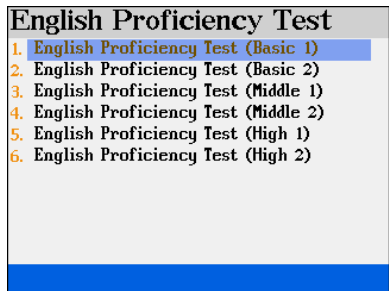


4. English Proficiency Test



There are 6 test embedded in this device, the rest of tests need to be downloaded from CyberDict Technology website.

Tap  under the Study menu.

Press numeric key to select a test.



4.1 Mock Test

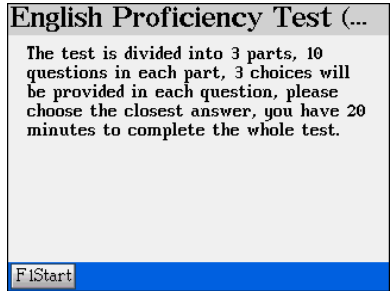
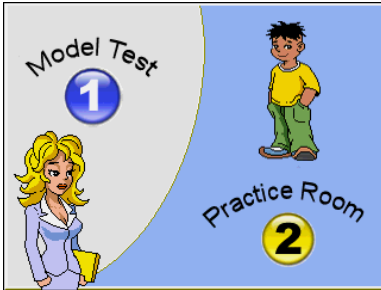
- A. Tap [1] to select mock test.
- B. Tap [F1Start] to view the introductions of this part.
- C. Press any key to start.
 - * Tap A, B or C in bottom of the screen or press the corresponding numeric key to choose an answer. The question will stop if you enter an answer during voice playing.
 - * Each question will be played once only, you can press  to stop the pronunciation and the question.
 - * Tap [F5Next] then tap [F4Conf] to confirm and proceed to the next question.
 - * Tap [F3Help] for the hints to answer the question.
 - * Press  to exit from the test.

* The mock test has time limit, it will be stopped when time is up.

- D. Your result will be displayed when you finish the 3 parts of a mock test.
- E. Double tap a result from the score chart to check the detail.
- F. Tap the wrong one and retry.

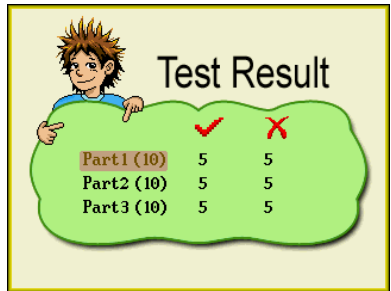
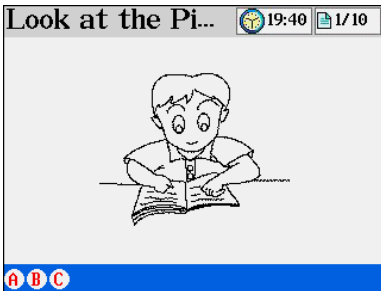
Ex. Take “English Proficiency Test (Basic 1)” as example.

1. Press the numeric key [1] to select Basic 2. Tap [F1Start], then press any key to start.
1. Then tap [1] to select Mock Test.



3. Listen to the recorded voice, tap A, B or C 4. After answer the question, your result will be displayed.

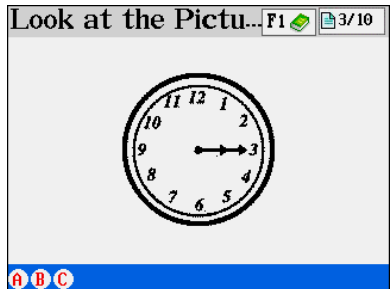
choose an answer.



5. Tap “Part 1 (10)”.

1✓	5✗	9✗
2✓	6✗	10✗
3✗	7✓	
4✓	8✓	






6. Tap [3] to listen to this question again.



4.2 Practice Room

Tap [2] to select practice room.

Tap an item to select a part to practice.

- * Tap [F3Play] to pronounce the question again.
- * Tap **F1**  to show the question and answers, tap **F1**  again to return to the previous screen.
- * If the questions and answer are shown, tap [F2Auto] to pronounce the question and answer automatically.
- * Press the numeric key A, B or C or tap on the screen to answer the question, the reading will stop when you choose an answer.
- * Press **F5**  to proceed to the next question.
- * Press **F4**  to return to the last question.
- * Press **ESC**  to exit.








Note:


You are allowed to cross-search a word into other dictionaries.

5. Interactive English

Four categorized conversations are embedded and can not be removed, other conversations need to be downloaded from CyberDict Technology website.

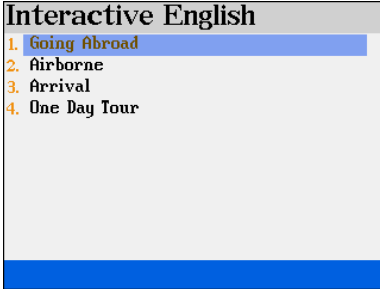
5.1 Scene

- A. Press / to select an item, then tap the item to access corresponding function.
- B. Tap [F1Scene] to view brief introduction of the situation or background.
 - * Tap [F1Play] to listen to the introduction, press **ESC**  to stop anytime.
 - * You can highlight any unfamiliar word(s) and cross search into the English-Thai, Longman and Oxford Dictionaries.
 - * Press / to search the previous/next scene introduction.
 - * Tap [F3Copyright] to view copyright notice.

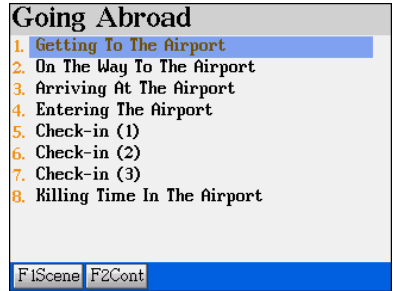
C. Press  or [F2Cont] to display the conversation.

Ex. View “Going Abroad” from interactive English:

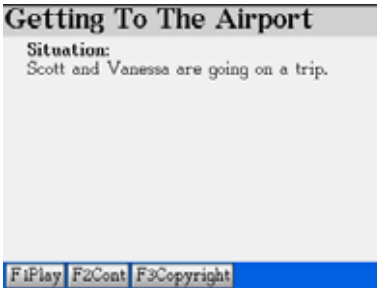
Press numeric key [1] to select “Going Abroad”.



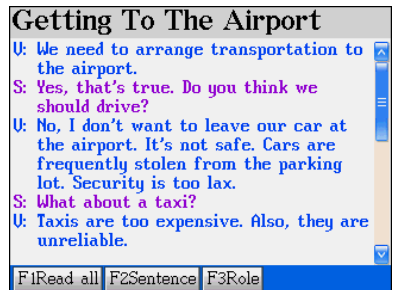
2. Select a title.



3. Tap [F1Scene]



4. Tap [F1Play] to listen to the situation first, then access the conversation screen.



5.2 Conversations

A. You can highlight any unfamiliar word(s) and across search in different dictionaries.

B. Tap [F1Read all] to play the recorded voice of every sentence.

- * Tap [F1Play] to pronounce the highlighted sentence.

- * Tap [F1Pause]/[F1Continue] to hold the reading.

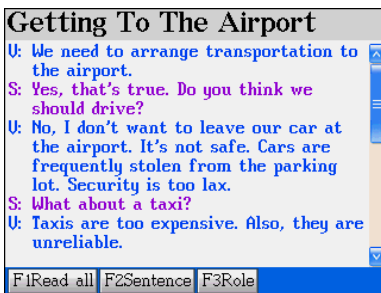
- * Tap [F2Translation] first, then tap [F1Play], you can listen to the voice and read

the translation at the same time.

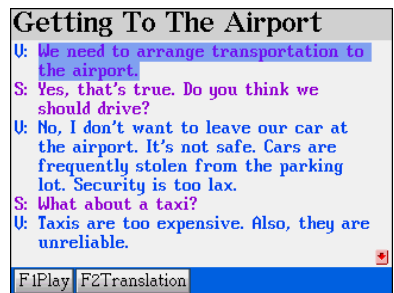
- C. Tap [F2Sentence] to play the recorded voice of a single sentence.
- * Press ▲/▼ or ⏪/⏩ to select sentence
 - * Tap [F1Play] to pronounce the highlighted sentence.
 - * Tap [F2Sentence] to check Thai translation of the highlighted sentence.
 - * Tap [F2Translation] first, then tap [F1Play], you can listen to the voice and read the translation at the same time.
- D. Tap [F3Role] to select which character you want to be. Your voice will be recorded and played back for comparison.
- E. When finish recording your voice in the dialogue, tap [F4Play] to play the dialogue again, listen to your voice and find your weaknesses.

For example,

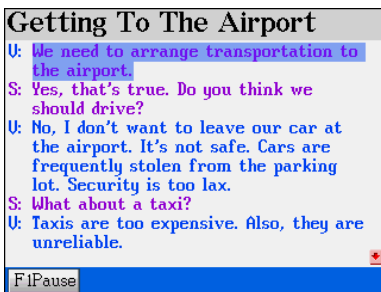
1. Select a title.



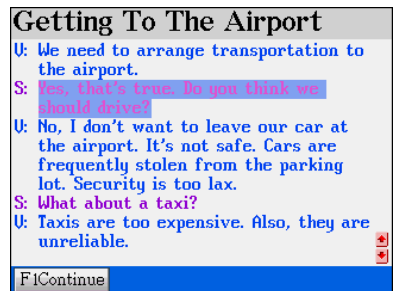
2. Tap [F1 Read ALL]




3. Tap [F1Play] to listen to the recorded voice.

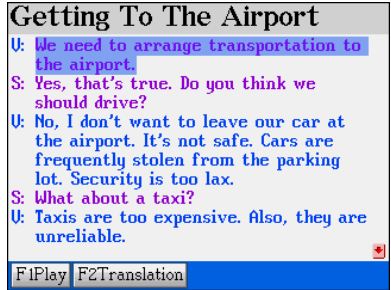
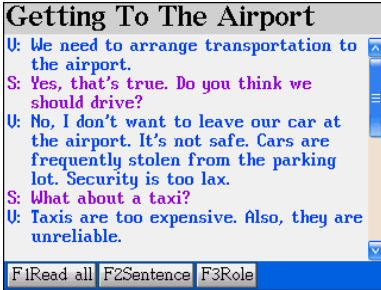


4. Tap [F1Pause] to stop the conversation.



5. Tap [F1Continue] to continue to listen to 6. Tap [F2Sentence].

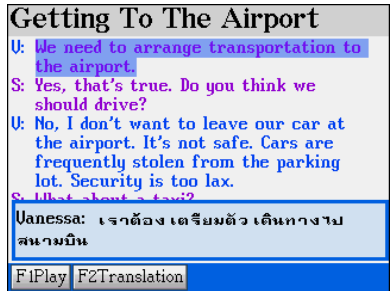
the conversation. Press  to exit.





7. Tap [F2Translation] to look up the translation of highlighted sentence.

Note:

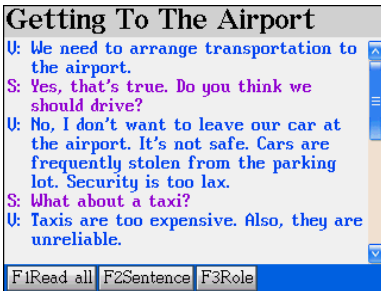
The operation of Single sentence operation is similar to the instructions above.



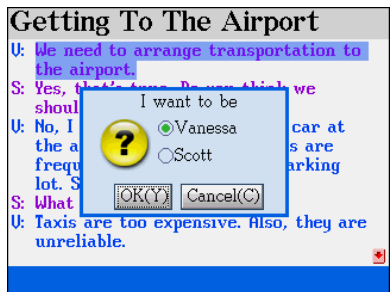
5.2.1 Playing a Role

- A. Select the role you want to be.
- B. Press [Y] or  to confirm, then start to practice the interactive conversation.
 - * Read the conversation alternatively to the device, your voice will be recorded.
- C. Tap [F4Play] and listen to the interactive conversation (including your recording).
 - * Press  to exit.

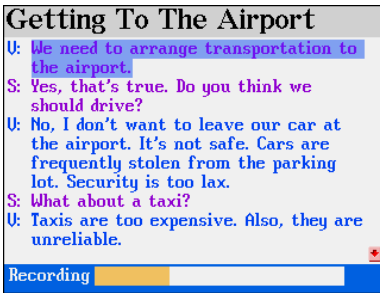
1. Select a title.



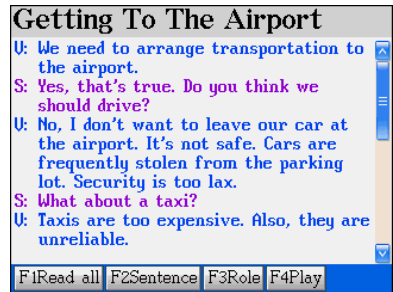
2. Tap [F3Role]. Select the role you want to be, then press [Y] to confirm.



3. During the recording



4. The conversation is finished.



6. English Sentence Exercise

Rearrange the words of the sentences into correct order. If your answer is wrong, the system will display the correct answer. You can set the level of difficulty from level 1 to 7.

A. Tap the screen or press the corresponding numeric keys to select level of difficulty, then tap [Finish] to confirm.

B. The practice starts from a full score 100points, 10points will be deducted for every wrong answer.

✧ Tap [1Answer] to check the correct answer. (10 points will be deducted)

✧ Tap [2Pron] to listen to the correct answer in English. (7 points will be deducted)

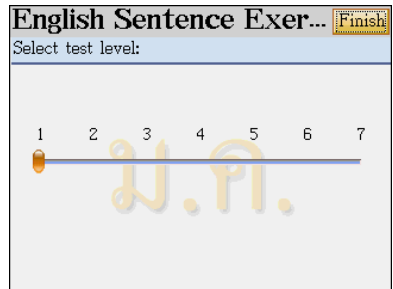
✧ Tap [3Search] to obtain the definitions of the highlighted word. (2 points will be deducted)

✧ Tap [4Hint] to put an English word in the correct position. (2 points will be deducted)

Note: A maximum of 10 points will be deducted for each sentence.

C. Select a word and press **ENTER** to confirm your selection. When practicing, you can correct the mistakes using the following methods.

✧ Press **▲** / **▼** / **◀** / **▶** to move the cursor or tap with stylus to highlight the



wrong word.

✧ Press **ENTER** or tap on the highlighted word again.

✧ You can also drag the highlighted word to another position directly.

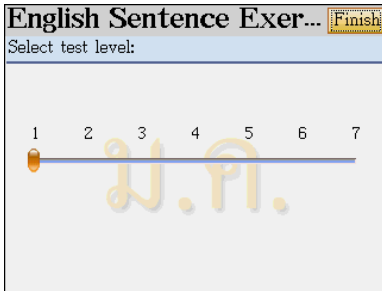
✧ You can also press **ENTER** to withdraw the word.

D. Press **ESC** to exit from the exercise.

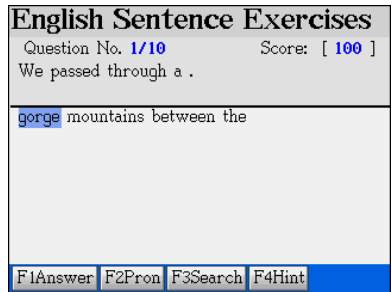
E. After you have finished the practice session, your score will be displayed.

Ex: 1. Select "6.English Sentence Exercise".

1. Press **←/→** to select level. Tap [Finish] 2. Rearrange the words in the sentence into to start.

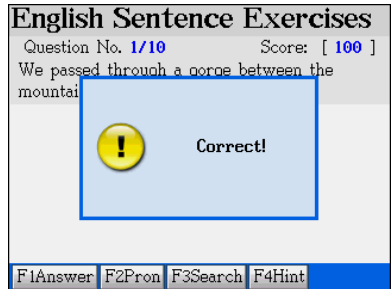


correct order.



3. Double tap the word to compose the sentence.

4. Press **ESC** to exit.



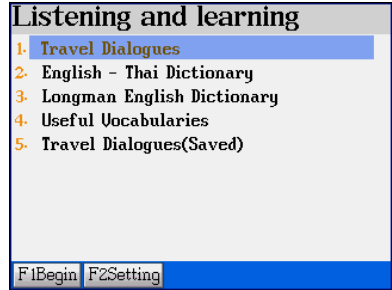
7. Listening and Learning

Choose the category by pressing numeric key 1-5.

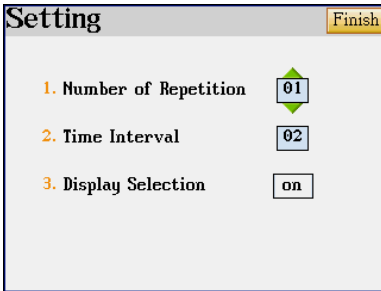
Note:

For Item 2-5, you should have saved some words in English-Thai Dictionary, Longman English Dictionary, Useful Vocabularies and Travel Dialogues, otherwise a message "No Data" will be displayed.

- A. Tap [F1Begin] to start the practice.
- B. The contents of words or dialogues will be displayed and pronounced one by one automatically.
- C. Press **[ESC]** to stop and exit from the function.
- D. Press [F2 Setting] to set number of repetition, time interval and display selection.



Settings

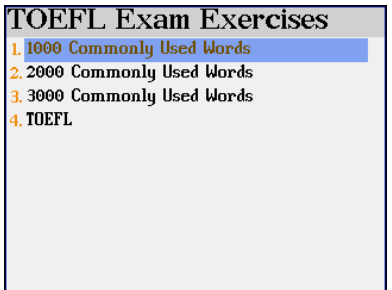


Practicing



8. TOEFL Exam Exercises

Double tap an item to select a category.




Select a group number.

Note:

For the operation of other functions, please refer to “9.Revision Dictionary”.

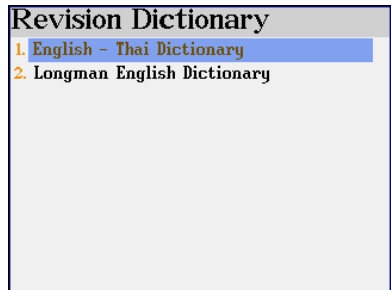


9. Revision Dictionary


Tap  under the Study menu.

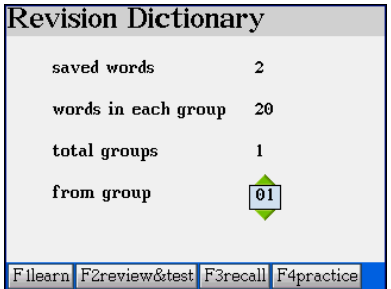
Note:

You should have saved some words in English-Thai and Longman Dictionaries, otherwise a message “No Data” will be displayed.






Press the corresponding numeric key to choose a category.

- A. Maximum 20 words in a group, if there are more than one group of words, tap , it and select the starting group number.
- B. Tap [Finish].



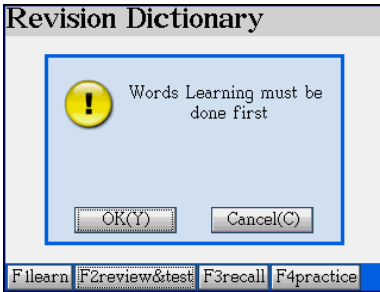
9.1 Learning


- A. Tap [1.Learning] to start viewing the definitions of the word.
- B. Press  /  to view definitions on the previous / next page.
- C. Press  to view the next word and its definition.


9.2 Review & Test

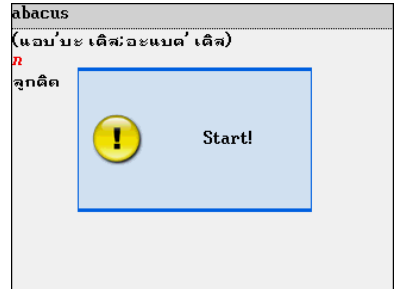
Ex: Select "1.English-Thai Dictionary".

1. Tap [F2review&test] to start.

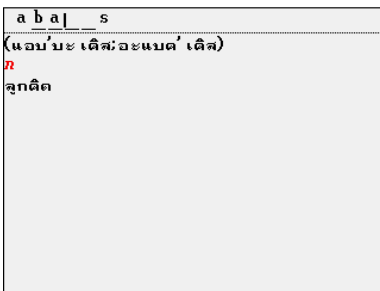



2. Press  to start "Learning"

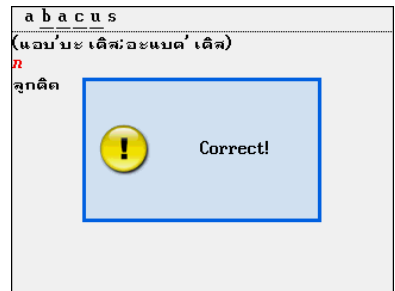
3. Press  to learn the following word until a message "Start" appears.



4. Type English letters to fill in the blank and form the complete word.



5. Press  to confirm.

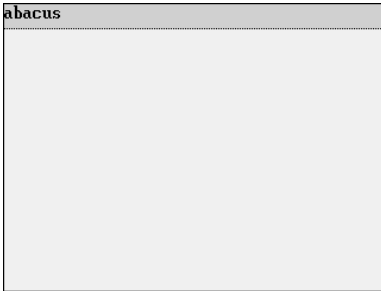




When you finish reviewing and testing all the words in the group, your result will be shown on the screen.

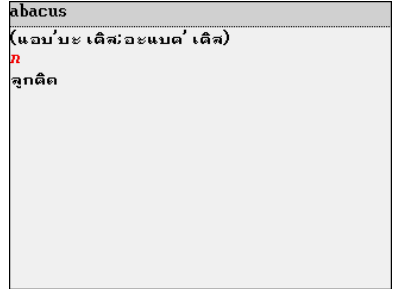
Note: If your answer is wrong, a message "Wrong!" appears and the correct answer will be displayed. You can highlight English/Thai words and cross search in the dictionaries.

9.3 Recalling

Tap [F3recall] to start.




The word appears, press  or tap at any parts of the screen to show the definition. Press  again or tap on the screen again to show next word.



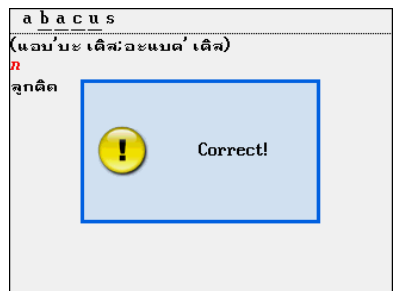
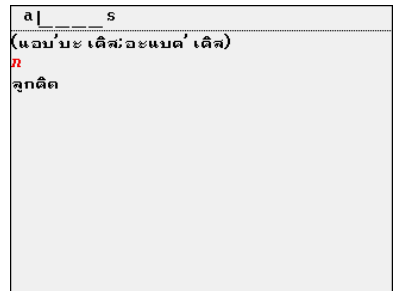
9.4 Practice

Ex. Tap [F4practice] to start.

The first and the last letters of the word appears, but other letters are blank. Fill in the blanks, press  to see the result. If the answer is correct, "Correct!" will be shown, then display next word.

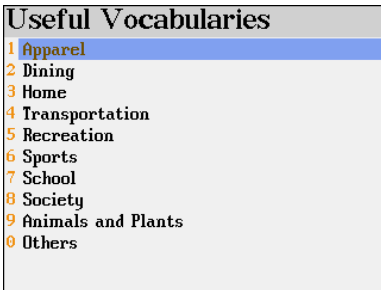
Note:

If your answer is wrong, "Wrong!" and the correct answer will be displayed. You can highlight English/Thai words and cross search in the dictionaries.



10. Useful Vocabularies

The useful vocabularies are categorized into 10 groups.



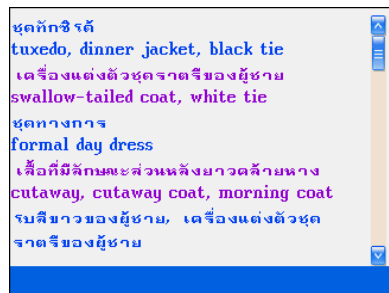
Select a group and a sub-item.



Press **ENTER** to view English words and its Thai translation.

Press **↑** / **↓** to view the previous / next vocabulary.

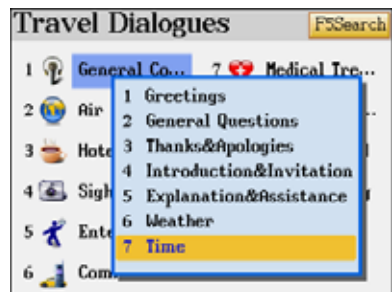
Note: For cross search function, please refer to "Dictionary→1.6 cross search"




11. Travel Dialogues




The dialogues are categorized into 10 Groups

Select a sub-category.



Ex: Select “General Conversation” “Time” Press  to view the next sentence



- Press  to pronounce in English.
- Press  to pronounce in Thai.
- Press  to pronounce in Chinese, Japanese or Korean.
- Press the numeric key [1]~[8] to view other languages.

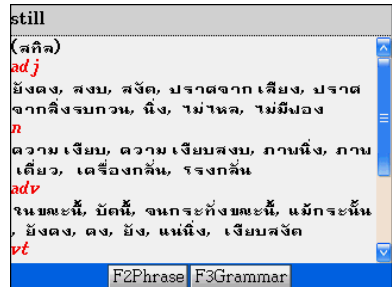
Ex: Press numeric key [2] to view Japanese.

Tap any English or Thai letter to access cross-search





Ex. Tap “Still” to highlight it. Press [F1] to access Eng-Thai Dictionary explanation screen.

Note: For cross search function, please refer to “Dictionary→1.6 cross search”




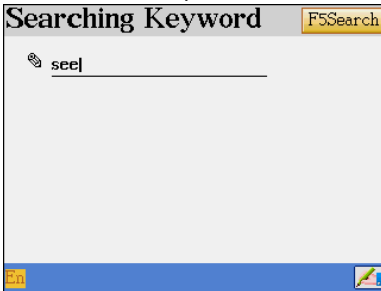
Full Text Search

Full Text Search is to search the whole text in the Travel Dialogues that contains specified word or phrase.

- A. Tap [F5Search].
- B. Enter a Thai/English keyword.
- C. Tap or press /[F5Search] to start.
 - * Tap [F2Continue] to search the next dialogue.
 - * Tap [F3Finish] or press  to stop to search next one.




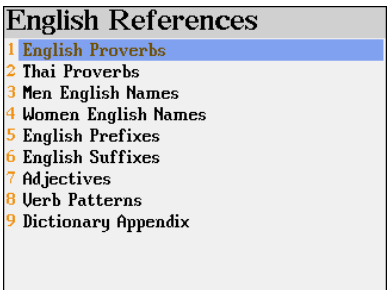
Ex: Search the dialogues that contain the word “see”, then press  to confirm. Access a sentence which contains the word “see”.










12. English Reference

The feature provides you many English/Thai proverbs, English Man/Women names, English Affixes, Adjectives, Verb Patterns and Dictionary Appendix.

Tap  under the Study menu.



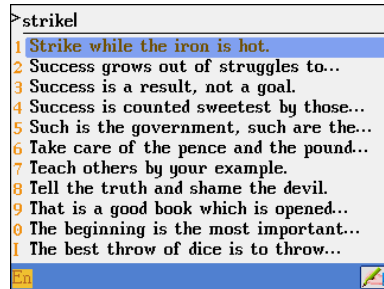
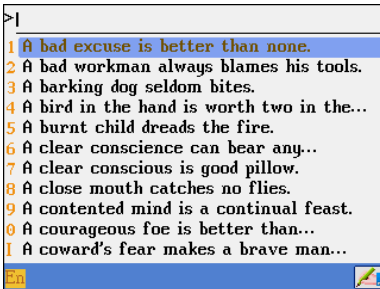
12.1 English/Thai Proverbs


- A. Type the first or the first few letters of the proverb, a list of proverbs will be displayed for you to select.
- B. Press / to highlight the proverb, press [ENTER] to access its definition screen.
- * Press / to view the definition of previous/next proverb.
 - * press  to return to previous screen.
- C. When displaying explanations, press / to look up the proverbs on the previous/next page.

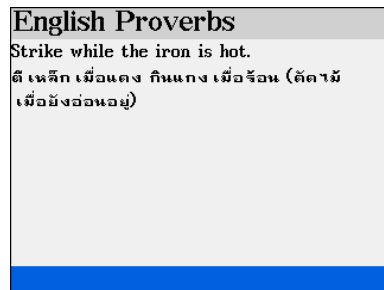
Ex. Search the English proverb “Strike while the iron is hot”.

Select “1English Proverbs”.

Input “Strike”, you can see the first one in the index screen is the just one we need.






Press  to access the definition screen.



Note:

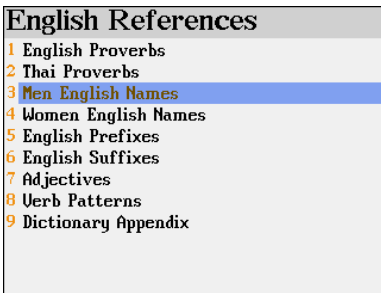
1. The operation of Thai Proverbs is the same as above.
2. For cross search function, please refer to "Dictionary→1.6 cross search"

12.2 Men / Women English Names

- A. Input the English name.
- B. Press  to view its origins and Thai meaning.
- C. For cross search function, please refer to "Dictionary→1.6 cross search"
- D. Press  /  to view the previous/next English name.

Example,

Tap to select "3 Men English Names"

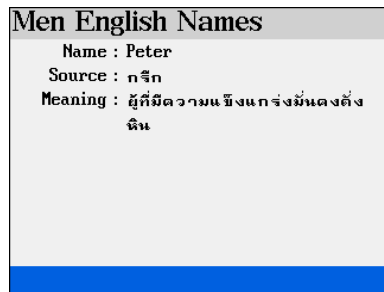
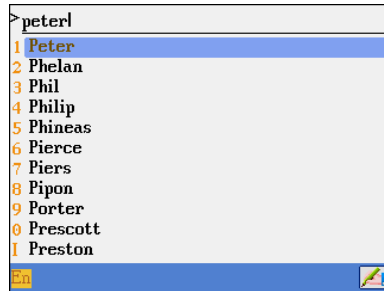


Press 






Note:

The operation of Women English Name is same as the operation of Men English Name.



Input "Peter".



12.3 English Affixes

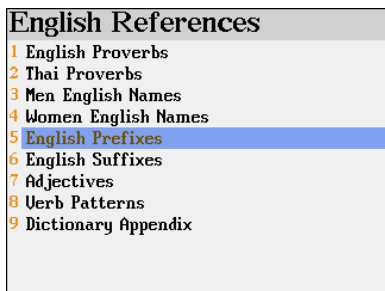
- A. Type the first or the first few letters of the affix, a list of affixes will be displayed for you to select.
- B. Press  /  to highlight the affix, press  to access its meaning and example screen.
 - * For cross search function, please refer to "Dictionary→1.6 cross search"
 - * Press  /  to view the meaning and example of previous/next affix.

* Press  to return to previous screen.

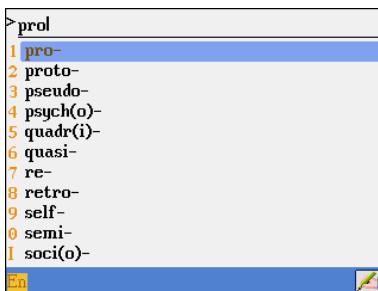
C. Press  /  to look up the affixes on the previous/next page.

Tap to select “5 English Prefixes” or “6 English Suffixes” to access English prefixes or suffixes index screen.

Ex. Press numeric key [5].



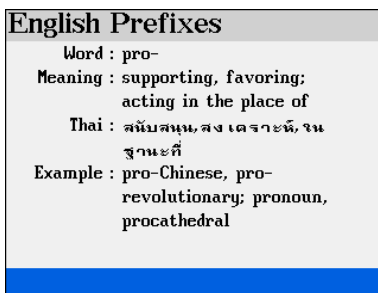
Ex: Input “pro”.



Press .




Note:

The operation of English Suffixes is same as the operation of English Prefixes.




12.4 Adjectives



A. Type the first or the first few letters of the adjective, a list of adjectives will be displayed for you to select.

B. Press  /  to highlight the adjective, press  to access its Thai meaning screen.

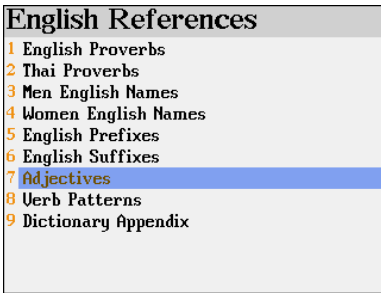
* For cross search function, please refer to "Dictionary→1.6 cross search"


* Press  /  to view the meaning of previous/next adjectives.

* Press  to return to previous screen.

D. Press  /  to look up the adjectives on the previous/next page.

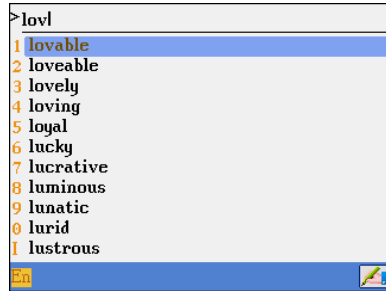
Ex. Press numeric key [7].



Press  to access the source and meaning of Thai.

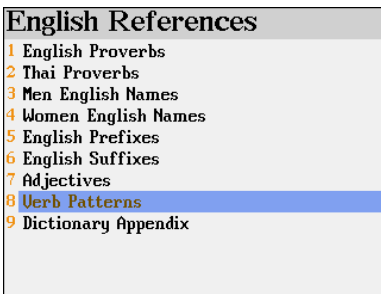
Input the adjectives you want to search.

Ex: Input "lov".




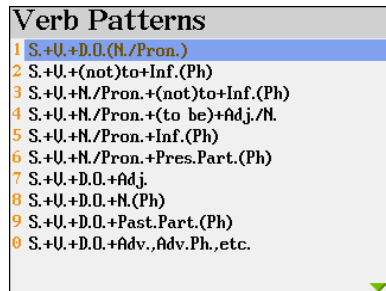
12.5 Verb Patterns

Ex. Press numeric key [8].





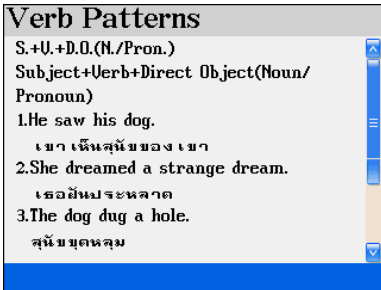
The "Verb Pattern" initial screen.



Press  or tap  at right bottom of screen to page up/down to view.

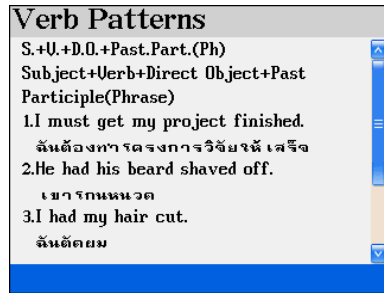


Select the one you want to look up.

Press / to scroll a line up/down.



Press / to display the previous/next page.

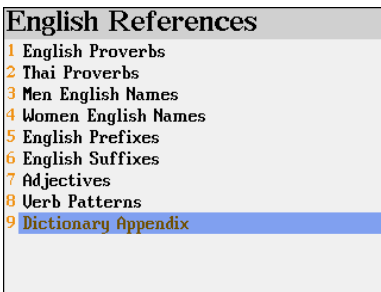


Note:

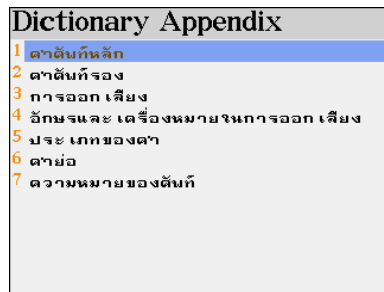
For cross search function, please refer to "Dictionary→1.6 cross search"

12.6 Dictionary Appendix

Ex: Press numeric key [9].



The "Dictionary Appendix" initial screen.



Note:

For cross search function, please refer to "Dictionary→1.6 cross search"

Chapter 4. PIM

1. Name Cards

- Allows to create name cards and personal information
- Allows to input data in Thai, English, numbers and special symbols
- Allows to add a portrait corresponding to every record
- Classified into 5 categories, name of the categories can be changed or modified
- You are also allowed to add some customized field names
- Quick search function with a keyword or tel. number
- Allows to duplicate, modify, delete a record or create a new one
- Allows to set a password for the security of saved data

2. Memorandum

- Allows to input data in Thai, English, numbers and special symbols
- Classified into 3 categories, name of the categories can be changed or modified
- You are also allowed to add some customized field names.
- Quick search function with a keyword
- Allows to duplicate, modify, delete a record or create a new one
- Allows to set a password for the security of saved data

3. World Time

- Displays the local time and the time of 2 other cities simultaneously
- Up to 230 world cities for selection
- Allows to adjust time, date and cities
- Provides settings of daylight-saving time (DST or summer time) and 12/24-hour systems
- Provides alarm clock functions
- Provides timer functions

4. Calendar

- Provides the lunar and solar calendars simultaneously
- Provides calendars from year January 1881 to December 2031
- Allows to view 6-months calendar in one screen

- Allows to check daily routines, schedules, tasks and anniversary

5. Schedule

- Allows to input Thai, English, numbers and special symbols
- You are allowed to define the field names
- Allows to set the alarm for important scheduled activities
- Allows to access daily and weekly schedules
- Allows to duplicate, modify, delete a record or create a new one
- Allows to set a password for the security of saved data

6. To Do List

- Allows to input data in Thai, English, numbers and special symbols
- Allows to set the level of priority of each task
- Allows to access daily task management
- You are also allowed to add some customized field names
- Allows to duplicate, modify, delete a record or create a new one
- Allows to set a password for the security of saved data

7. Curriculum Schedule

- Allows to input Thai, English, numbers and special symbols
- Allows to duplicate, modify delete a record or create a new one.

8. Anniversary

- Allows to create lunar and solar Anniversary records
- Allows to input Thai, English, numbers and special symbols
- You are allowed to define the field names
- Allows to duplicate, modify, delete a record or create a new one
- Allows to set a password for the security of saved data

9. Note Taker

- Allows to keep authentic manuscripts
- Up to 7 Note Taker records can be kept
- Allows to duplicate, modify, delete a record or create a new one

10. Paintbrush

- Allows to keep freehand drawings
- Allows to set a paintbrush record as startup picture while turning on the device
- Allows to duplicate, modify, delete a record or create a new one

11. Reference

- Introduces the useful information related to Thai police stations, hospitals, Embassies overseas, telephone information, history, travel guide, etc.


12. Calculate

- Provides 12-digit Calculator and Engineering Calculator
- Provides the record and management of your daily incomes and expenses
- Provides units, currency exchange and size conversion
- You can find more advanced mathematical functions such as Statistical Calculator, Formula Calculator, Graphic Calculator, Multi-lines Calculator, Scientific Calculator, Basic Equation in [F5 MULTI]→[8. Tool]. To save user's memory space, these functions can be deleted from the device, but you can still download these software from PC-Link which comes with this device or CyberDict Technology website.

1. Name Cards

Allows to create, input, store, search, edit or delete name card data.










1.1 Create / Store New Data

- A. Tap  under the PIM menu.
- ✧ If no data has ever been saved, the device will display the following messages.
 - ✧ Select “Y” to input new data.
 - ✧ If some data has already been saved, the device will display the index screen.









B. Tap [F1New] to input new data.

C. Adding data.

- ✧ Tap  to select a category.
- ✧ Press  to move the cursor to the next line.
- ✧ Press  /  /  /  to move the cursor.
- ✧ Press  /  to display the previous / next page.
- ✧ Press  to select the 2 items to be displayed under index screen.



- ✧ Press   to set a portrait for this record. Please refer to actual examples in the next few pages.
- ✧ If the password has already been set in the <Time / System Setting / Password Setting>, tap [F5 ] to secure the data, and the default lock icon  will change into icon .
- ✧ When inputting the “birthday”, you can access the calendar to select a date.
- ✧ If you press , the following screen will be displayed.
 1. Select “Y” to save the data.
 2. Select “N” to exit without saving any data.
 3. Select “C” to cancel the operation, does not exit from current screen.



D. Tap [Save] to save the data, and then access the index screen.

For example, add a new name card data.

1. Access the editing screen



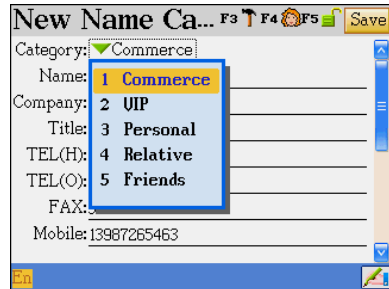
2. Input data



3. Press **F3** and select [Name] and [Mobile].



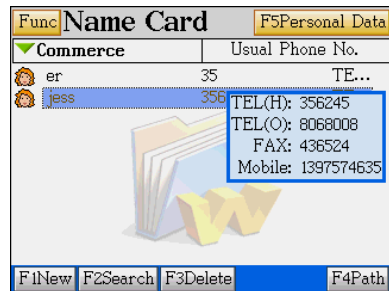
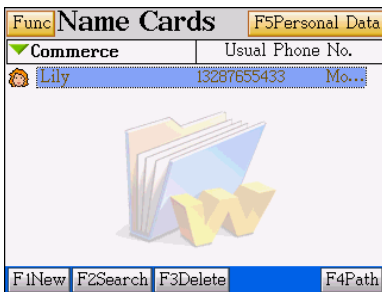
4. Press **▼** to select a category.



5. Press **SAVE** or tap [Save] to save the data.

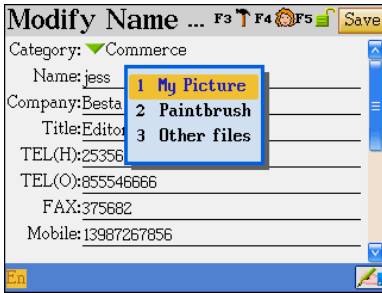
You can see the Name and Mobile phone are displayed in the index screen.

6. Tap the telephone number, all the related contact numbers will be displayed.

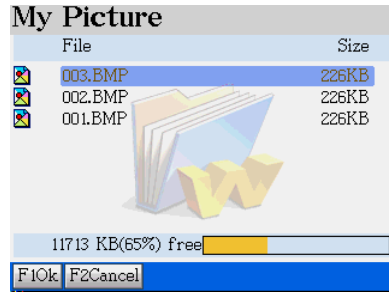


For example, add a portrait/photo.

1. Tap **F4** and select [1 My Picture]



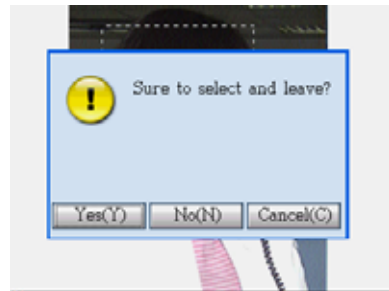
2. Select a picture.



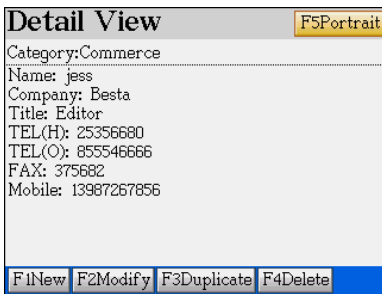
3. Tap and drag on the screen to set display range of the portrait.



4. Press **ENTER** and [Y] to confirm, then press **SAVE** to save the data.



5. [F5 Portrait] will appear on the upper right corner of the browsing screen.




6. Press [F5 Portrait] to view the portrait.

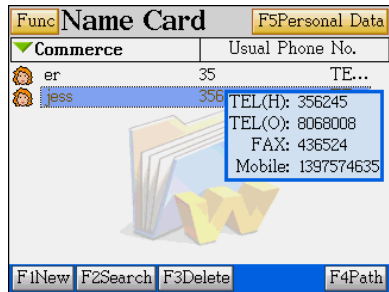


Note:

1. *The actual display size of a portrait is limited to max. 160*160 pts. If the range you mark is over this size, it will be optimized to 160*160 pts.*
2. *The minimum size of a range is 32*32 pts.*

1.2 Index Screen

- A. Tap [Func] to select "Show/Hide private" or "Customized Field Name".
- B. Tap [F1New] to add new data.
- C. Tap [F2Search] to search data.
- D. Tap [F3Delete] to delete the highlighted data.
- E. Tap the ▼ to select category to be shown
- F. Tap [F4Path] to display the latest name card records which have been viewed.
- G. Tap the left half of the selected data to access its detail view (browsing) screen,
- H. Tap the right half of the selected data to view all the contact numbers in the pop up menu.
- I. Tap  to view the portrait. (If there is a portrait)



- J. Tap [F5Personal Data] to add a personal data.

Greeting:	
Name:	
Company:	
Title:	
TEL(H):	
TEL(O):	
Fax:	
Mobile:	

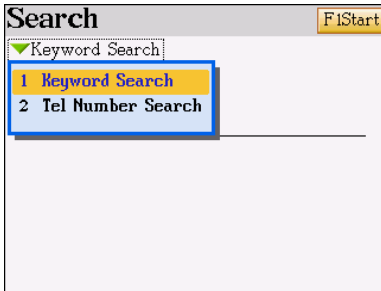
Note:


For "Customized Field Name" function, you are allowed to add new field and modify its name, but the built-in field name can not be modified or deleted, the new field names can only be deleted in [F4SYS]-->[1. Memory], and all saved data will also be deleted.

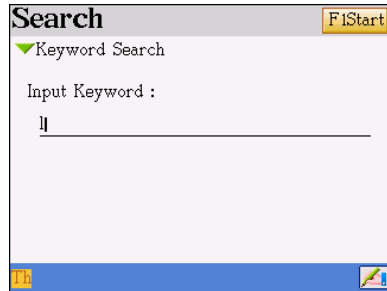
1.3 Searching data

In the index screen, tap [F2 Search]; then tap ▼ to select Keyword/Tel Number Search.

Ex: Tap ▼ and select Keyword/Tel

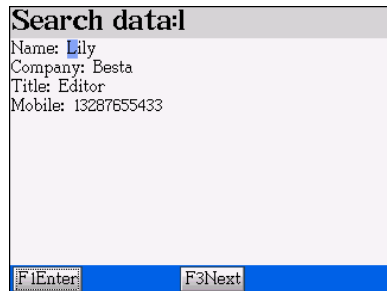


Ex. Input keyword "L", then press .



Number Search.

Ex. Tap [F1Enter] to access browsing screen. Tap [F3Next]/[F2Previous] to view more data.




1.4 Browsing Data

The browsing screen (Detail View) allows you to browse the whole record.

- Tap [F1New] to add a new data.
- Tap [F2Modify] to modify the data.
- Tap [F3Duplicate] to duplicate the data.
- Tap [F4Delete] to delete the data.
- If there is a portrait in this record, tap [F5 Portrait] to display the portrait.

1.5 Duplicating Data



You are allowed to duplicate a record under browsing screen.

Ex. Select a data in the index screen and press  to browse the detail.

Ex. Press [F3Duplicate] on the browsing screen and add some more data.

Ex. Tap [Save] to save as another record.

1.6 Deleting Data

Tap [F4Delete] or press  on the browsing screen, you can also tap [F3Delete] or press  on the index screen

Ex. Tap [F3Delete] on the index screen.



Ex. Select "Y" to delete the data.



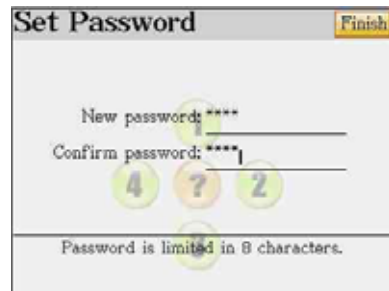
1.7 Securing Data

Tap [F5Lock] when editing data, the default lock icon  will change into .

Ex. Tap [F5Lock]. (No existing password)



Ex. Select "Y" to and set the password.



Ex. Tap [Finish] to confirm.



Ex. [F5Lock] change to [F5Unlock].



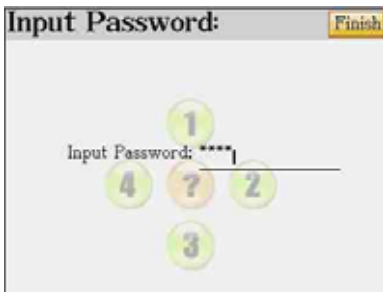
Ex. Press **SAVE**, but you can't see the data.



Ex. Tap [Func] and select [1 Show Private].



Ex. Input your password.




Ex. The secured data is displayed.



1.8 Editing the Category

The name cards are classified into 5 default categories, including Commerce, VIP, Personal, Relative and Friends. You are allowed to edit the category names and increase 3 more categories. (The new categories can be deleted in [F4SYS] --> [1.Memory] only). All names of the categories can be changed or modified.

- In the index screen, tap ▼ and select [7 Edit Category] to open the category editing window.
- Select a category to modify the name, or add a new category.
- Tap [Finish] or press **SAVE** to confirm.

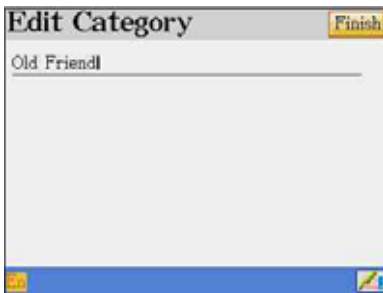
Ex. Tap  under the index screen.



Ex. Select [7 Edit Category]



Ex. Select a category and input data.



Ex. Tap [Finish].



Ex. You will find a new category.



1.9 Customized the Field Name

In addition to the default and fixed field names, up to 6 other customized fields can be defined by the user. The customized field names can only be deleted in [F4SYS]-->[1. Memory].

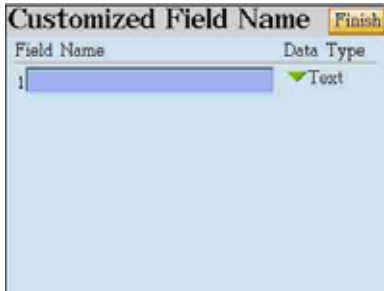
A. Tap [Func] in the index screen, and then select "Customized Field Name"

- B. Select a field and input data.
- C. Tap [Finish] or press **SAVE** to confirm.

Ex. Tap [Func] under the index screen.



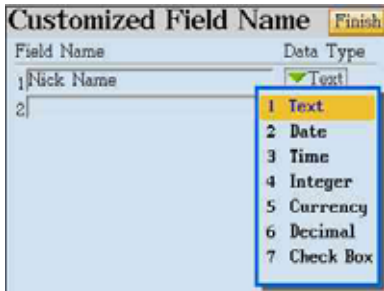
Ex. Select [2 Customized Field Name]



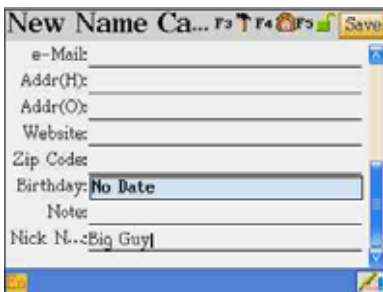
Ex. Select a field and input field name



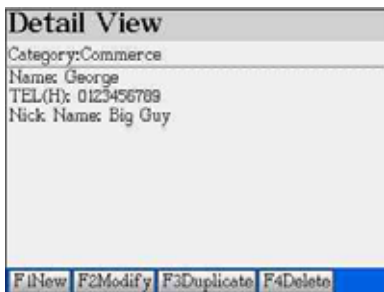
Ex. Tap ▼ to select a data type. Tap [Finish] to save the new field name.



Ex. You can find a new field in the editing screen.




Ex. You will find this new field in the browsing screen.

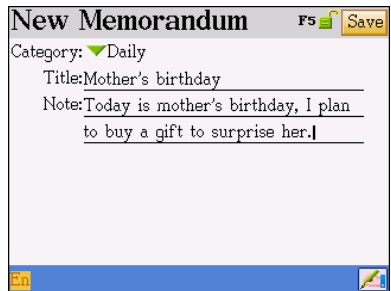
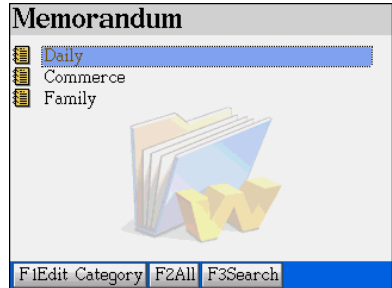


2. Memorandum

The usages are very similar to 1. Name Cards; only brief explanations will be given here. Please refer to the explanations in 1. Name Cards.

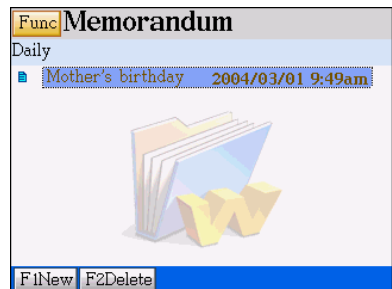
Tap  under the PIM menu

1. You are allowed to edit the existing category names “Daily, Commerce and Family” and increase up to 5 more categories.
2. Tap [F1Edit Category] to edit category names or add a new category.
 - Tap [F2All] to show all saved data in all categories.
 - Tap [F3Search] to search data.
3. Tap to select a category. If no data has ever been saved, tap [Y] to add new data; if some data has already been saved, tap [F1New] to add new data.



In the index screen:

- A. Tap [Func].
 - Show / Hide Private – show / hide secured data
 - Customized Field Name – in addition to the default and fixed field names, up to 6 other customized fields can be defined by the user.
- B. Tap [F1New] to add data.
- C. Tap [F2Delete] to delete data.
- D. Tap the highlighted data to access the browsing screen.



In the browsing screen:

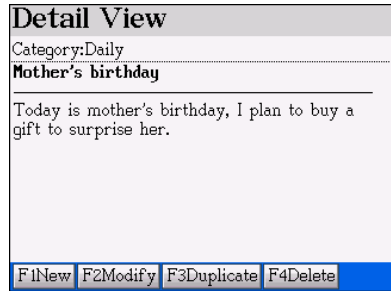
[F1New] : add new data

[F2Modify] : modify the data


[F3Duplicate] : duplicate a data

[F4Delete] : delete a data.

Note: For operation steps about adding, editing, searching, deleting, securing data and custom the field names, please refer to 1.Name Cards.








3. World Time

Tap  under the PIM menu to access its initial screen.

Displays the local time of 3 cities and provides alarm clock function.

3.1 Select the Cities

More than 230 major cities will be displayed together with the time differences between the cities and Greenwich Mean Time (GMT) for your selection

- A. Tap a city.
- B. Press  /  to scroll a line up/down when selecting a city.
- C. Press  /  to display the previous / next page.
- D. You are allowed to input English name of a city directly.
- E. Highlight a city, press  or tap [Finish] to confirm.

Ex. Change the world time from “New York” to “Tokyo”.

1. The displaying screen of “World Time”



2. Tap “New York”







3. Input “To”

World City Selection		Finish
Select City: TO		
Tokushima คุชุกิมา	+ 9	
Tokyo คุโตเกียว	+ 9	
Toronto คุทอรอนโต	- 5	
Toyama คุตยามา	+ 9	
Tripoli คุทริโปลิส	+ 2	
Turin คุจิ้น	+ 1	
Vancouver คุแวนคูเวอร์	- 8	
Vienna คุเวียนนา	+ 1	
Vientiane คุเวียงจันทน์	+ 7	
Wakayama คุวากายามา	+ 9	

4. Press


World City Selection		Finish
Select City: I		
Tokushima คุชุกิมา	+ 9	
Tokyo คุโตเกียว	+ 9	
Toronto คุทอรอนโต	- 5	
Toyama คุตยามา	+ 9	
Tripoli คุทริโปลิส	+ 2	
Turin คุจิ้น	+ 1	
Vancouver คุแวนคูเวอร์	- 8	
Vienna คุเวียนนา	+ 1	
Vientiane คุเวียงจันทน์	+ 7	
Wakayama คุวากายามา	+ 9	

5. Press



World Time		Finish
	Tokyo	
<input type="checkbox"/> 	12:41 pm	
	2004/03/01 Mon.	
Bangkok	New York	
<input type="checkbox"/> 	10:41:49 am	
<input type="checkbox"/> 	10:41 pm	
2004/03/01 Mon.	2004/02/29 Sun.	
F1Set Time	F2Alarm	F3Timer

3.2 Daylight-saving Time [DST] or Summer Time

DST is the time set one hour earlier than the normal time.

- Take the block of “” to enable DST.
- Repeat the step A to disable the setting.

3.3 Adjusting the Date and Time

- Tap [F1Set Time].
- Tap the field of “Local City”, you are allowed to choose a local city here.
- Tap the field of “Date” to select a new date, tap [F2Today] to select the system’s date.
- Tap the field of “Time” to adjust the time.
 - Tap [F2Now] to select the system’s time.
 - Tap the fields of hour, minute and am/pm, tap “/” to adjust.
 - Tap [Finish] to confirm.

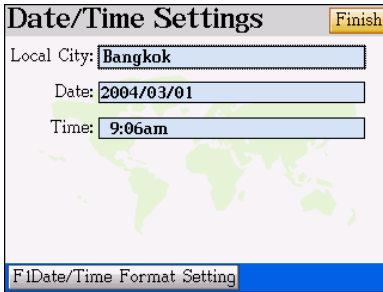
E. Tap [F1 Date/Time Format Settings] to set the format of data and time

- Tap and select formats.
- Tap [Finish] to confirm.

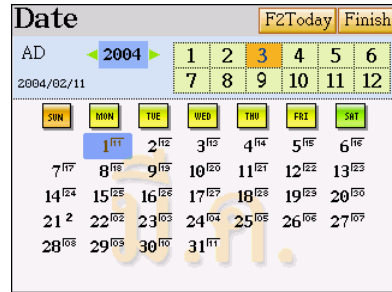
F. Tap [Finish] to confirm the settings.

Ex. Adjusts the date and time to 2004.03.19 15:00

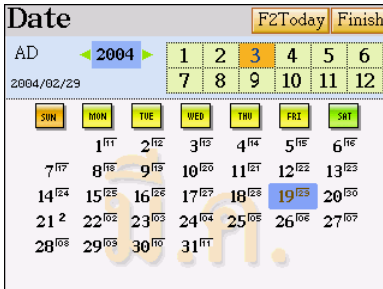
1. Tap [F1 Set Time]



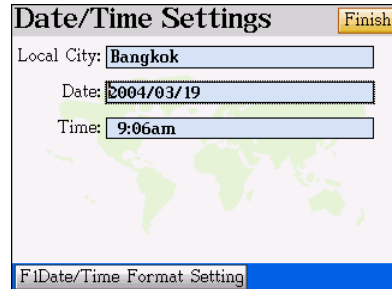
2. Tap the field of date



3. Select 19th Mar, 2004

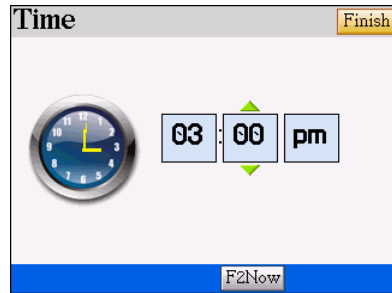
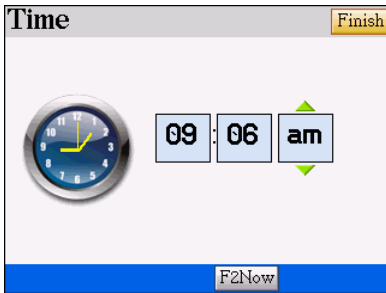


4. Tap [Finish]

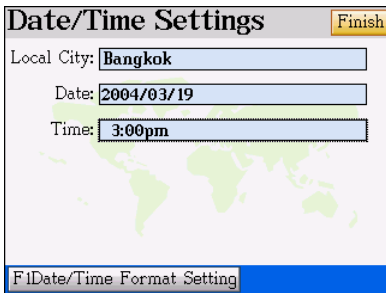


5. Tap the field of time

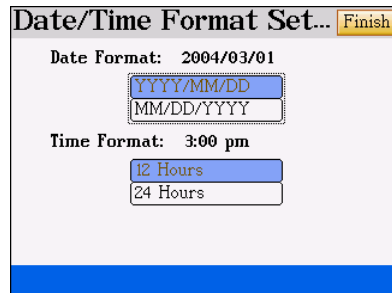
6. Adjust the time to 3:00p.m



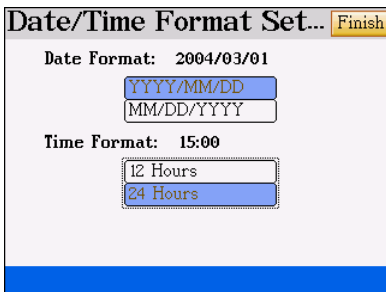
7. Tap [Finish]



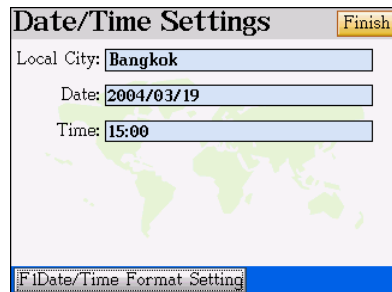
8. Tap [F1Date/Time Format Settings]



9. Select 24-hour System



10. Tap [Finish]



3.4 Timer

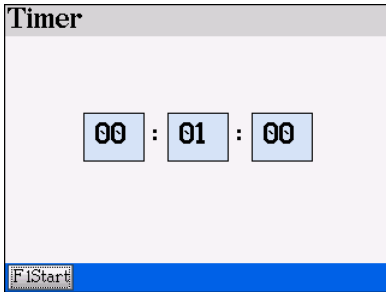
Tap [F3Timer] to count down from a certain time, the alarm will be activated when time is up, and a message will be displayed on the screen.

- A. Tap the field of hour, minute and am / pm, tap “▲/▼” to adjust.
- B. Tap [F1Start] to start counting down, tap [F1 Pause] to hold the timer.
 - When the timer is pausing, tap [F1 Start] to continue.

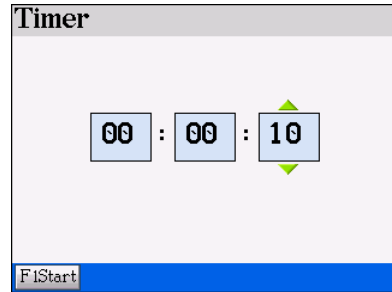
- When pausing timer, tap [F2 Reset] to recover the time.

Ex. Count down 10 seconds.

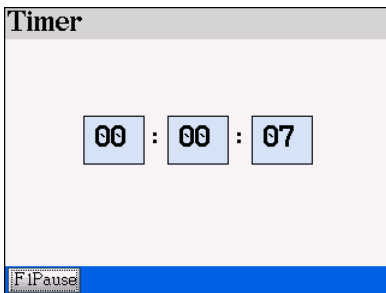
1. Tap [F1Timer]



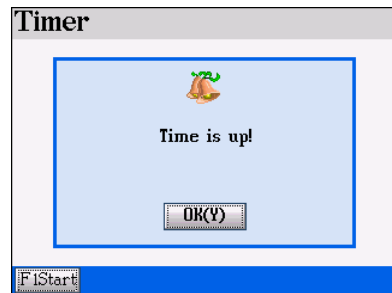
2. Adjust time



3. Tap [F1Start]

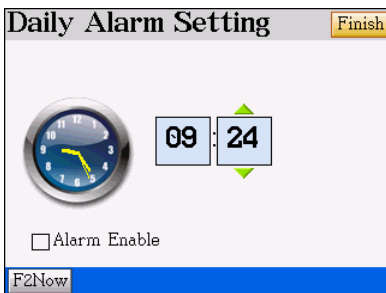


4. Time is up

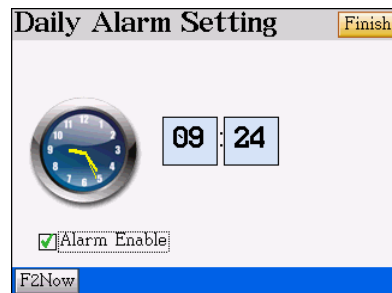


3.5 Alarm Clock

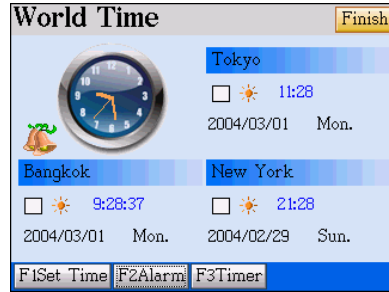
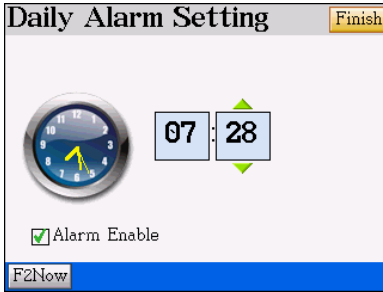
1. Tap [F2Alarm]




2. Tick the selection block of “Alarm Enable”








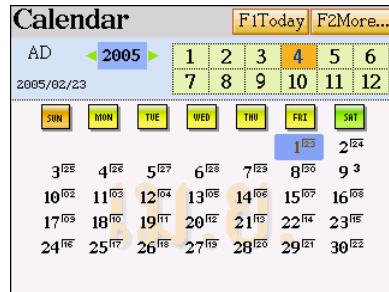
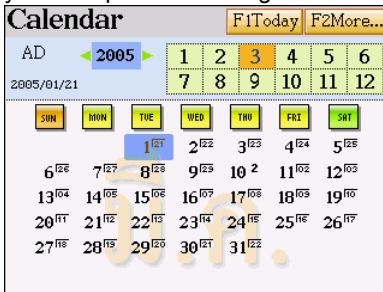
3. Tap the field of "Time" and set alarm time, tap the field of hour, minute and am / pm, tap "▲/▼" to adjust.
4. Tap [Finish] to confirm the settings.



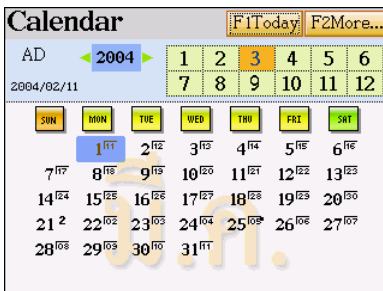
4. Calendar

Provides the lunar /solar calendars. Tap  under the PIM.

1. Tap the year or  /  to select a year or tap  to change it.
2. Tap [1]~[12] or press  /  to select month.



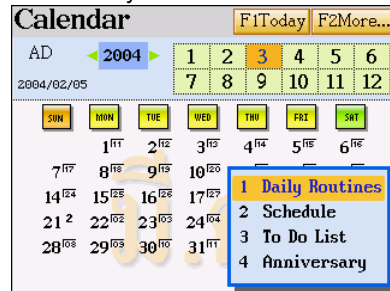
3. Tap or press [F1] to view date of today.
4. Tap [F2More...] to view 6-months calendar.



5. Press / to display the previous/next 6-months Calendar.



6. You could also tap the field “date” to view Daily Routines, Schedule, To do List, and Anniversary.

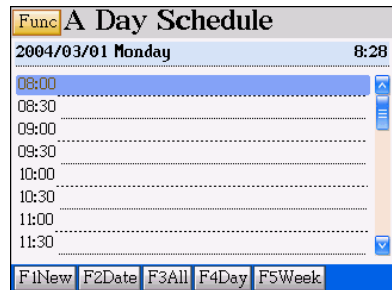


5. Schedule

The Schedule keeps track of appointments, meetings and other data associated with date and time.

5.1 Setting Up Data

- A. Tap under the PIM menu.
- B. Tap [F1New] or tap the corresponding time period on the chart to access the editing screen.
 - ✧ Press / to select a period.
 - ✧ Press / to display the schedules of the previous / next day.



- C. Inputting data.
 - ✧ Tap the field of “Date” to access the calendar then choose date.
 - ✧ Tap the field of “Time” to set starting time and closing time.
 - ✧ Press to move the cursor to the next line.
 - ✧ Press / / / to move the cursor.
 - ✧ Press / to display the previous / next page.
 - ✧ Tap the field of “Period” to select the repeating period.

- ✧ Tick “Alarm” block and tap [▼] to select alert time.
- ✧ Tap [F5] to secure the data.
- ✧ If you press [ESC].
 1. Select “Y” to save the data.
 2. Select “N” to exit without saving the data.
 3. Select “C” to cancel the operation, does not exit from current function.



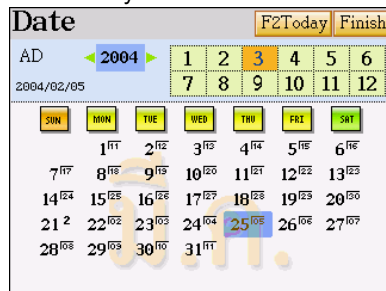
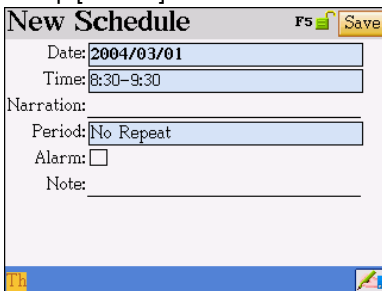
D. Tap [SAVE] to save the data.

5.1.1 Repeating Period

- A. No Repeat – the event happens once only.
- B. Daily Repeat – the event happens every day or every several days.
- C. Weekly Repeat – the event happens every week.
- D. Monthly Repeat – the event happens every month, same day, but can be counted by week or day.
- E. Yearly Repeat – the event happens once a year on the same day.
- F. Tap the period or [F1]~[F5] to select a repeating period.
- G. Set the effective date (Start/Close).
- H. Tap [Finish] to confirm.

Ex. Setting the schedule of 8:30—9:00 on 2004/03/25.

1. Tap [F1New] or the field of hour “8:30”
2. Tap the field of date to select the year / month / day.



3. Tap [Finish].

New Schedule F5 Save

Date: 2004/03/25
 Time: 8:30-9:30

Narration:
 Period: No Repeat
 Alarm:
 Note: _____

4. Tap the field of time to set the start time and the close time.

Time Finish

Start Time: 08:30
 Close Time: 09:30

FINo Time Arrangement

5. Tap [Finish]

New Schedule F5 Save

Date: 2004/03/25
 Time: 8:35-9:10

Narration:
 Period: No Repeat
 Alarm:
 Note: _____

6. Tap the field of narration.

New Schedule F5 Save

Date: 2004/03/25
 Time: 8:35-9:10

Narration:
 Period: No Repeat
 Alarm:
 Note: _____

PH

7. Input the data "have a meeting" (Shift to English input method first)

New Schedule F5 Save

Date: 2004/03/25
 Time: 8:35-9:10

Narration: have a meeting
 Period: No Repeat
 Alarm:
 Note: _____

EN

8. Tap the field of period select "Weekly Repeat"

Period Finish

F1 No Re.	Weekly Repeat Every Week: SUN MON TUE WED THU FRI SAT ②
F2 Daily Re.	
F3 Weekly Re.	
F4 Monthly Re.	
F5 Yearly Re.	

Start Date: 2004/03/25
 Close Date: 2004/03/25

9. Select “WED”

Period		Finish
F1 No Re.	Weekly Repeat	
F2 Daily Re.		
F3 Weekly Re.		
F4 Monthly Re.		
F5 Yearly Re.		

Every Week: SUNMONTUEWEDTHUFRISAT

Start Date:

Close Date:

10. Set the effective data(Start/Close Date)

Period		Finish
F1 No Re.	Weekly Repeat	
F2 Daily Re.		
F3 Weekly Re.		
F4 Monthly Re.		
F5 Yearly Re.		

Every Week: SUNMONTUEWEDTHUFRISAT

Start Date:

Close Date:

11. Tap [Finish]

New Schedule		F5	Save
Date:	<input type="text" value="2004/03/20"/>		
Time:	<input type="text" value="8:35-9:10"/>		
Narration:	<input type="text" value="have a meeting"/>		
Period:	<input type="text" value="Weekly Repeat"/>		
Alarm:	<input type="checkbox"/>		
Note:	<input type="text"/>		

12. Tick the “Alarm” block. Tap “▼”.

New Schedule		F5	Save
Date:	<input type="text" value="2004/03/20"/>		
Time:	<input type="text" value="8:35-9:10"/>		
Narration:	<input type="text" value="have a meeting"/>		
Period:	<input type="text" value="Weekly Repeat"/>		
Alarm:	<input checked="" type="checkbox"/>		
Note:	<input type="text"/>		

- 1 Alarm on time
- 2 Alarm 5m earlier
- 3 Alarm 10m earlier
- 4 Alarm 15m earlier
- 5 Alarm 30m earlier
- 6 Alarm 45m earlier
- 7 Alarm 1h earlier
- 8 Alarm 90m earlier
- 9 Alarm 2h earlier

13. Select “Alarm 5m earlier”.

New Schedule		F5	Save
Date:	<input type="text" value="2004/03/20"/>		
Time:	<input type="text" value="8:35-9:10"/>		
Narration:	<input type="text" value="have a meeting"/>		
Period:	<input type="text" value="Weekly Repeat"/>		
Alarm:	<input checked="" type="checkbox"/> ▼ Alarm 5m earlier		
Note:	<input type="text"/>		

14. Press “Save” to store.

Func All Schedules	
2004/03/01 Monday	9:37
2004/03/25 8:35-9:10	
Weekly Repeat(Thursday)	
Ⓢ have a meeting	
<input type="button" value="F1New"/> <input type="button" value="F2Date"/> <input type="button" value="F3One"/> <input type="button" value="F4Day"/> <input type="button" value="F5Week"/>	

Note:

For detailed explanation of securing data, please refer to “1. Name Cards”.

5.2 Index Screen

The Schedule provides 4 kinds of index screens: “A Daily Schedule”, “All Schedules”, “Daily Chart” and “Weekly Chart”. Tap the related function keys to switch in the index screen.

Tap [Func].

1. Show / Hide Private – Show or hide secured data.
2. Setting
 - ✧ Tap the field of “Start Time”, and then adjust the time.
 - ✧ Tap “Time Display Mode” and select the way to express period for the detail of an event.
 - ✧ Tap [▼] after “Default Lasting Time” to select the duration of events.
 - ✧ Tap [▼] after “List Time Interval” to select the time interval of periods in a daily schedule.
 - ✧ Tap [Finish] to confirm.
3. Customized Field Name – In addition to the default and fixed field names, up to 6 other customized fields can be defined by the user. The customized field names can only be deleted in [F4SYS]-->[1. Memory].

Note: For the detail of the operations, please refer to “1. Name Cards”

6. To Do List

The usages are very similar to 1. Name Cards; only brief explanations will be given here.

Please refer to the explanations in 1. Name Cards.

If no data has ever been saved, tap [Y] to add new data; if some data has already been saved, tap [F1New] to add new data.

Input data.

1. Tap to select the completing time.
2. Tap ▼ to select the level of priority.
3. Tap [Save] to return to the index screen.

New To Do List F5 Save

Start: 2004/03/01

Close: 2004/03/01

Complete:

Narration: _____

Leader: _____

Priority: ▼None

Note: _____

New To Do List F5 Save

Start: 2004/03/01

Close: 2004/03/31

Complete: On 2004/03/25

Narration: editing files

Leader: Li Amy

Priority: ▼None

Note: edit in English

In the index screen:

1. Tap [Func].

- Show / Hide Private – Show / Hide secured data.
- Setting – Tick “Display Preferred level” or “Display Close Date”.
- Customized Field Name –In addition to the default and fixed field names, up to 6 other customized fields can be defined by the user.

2. Tap [F1New] to add data.

3. Tap [F2Search] to search data.

4. Tap [F3Delete] to delete data.

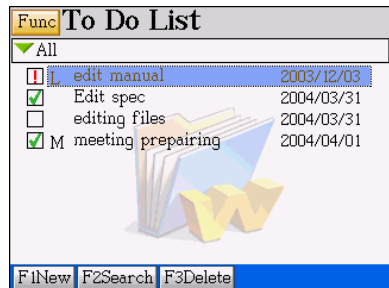
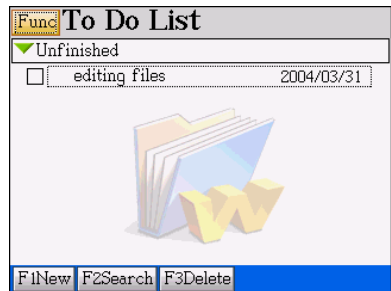
5. Tap ▼ to select the data to be shown (All / Unfinished / Finished), select “All”.

The task has not been completed yet.

Time is up, but task has not been completed yet.

The task has been completed.

Tap the selected data to access the browsing screen.



In the browsing screen:

[F1New] – add a new data

[F2Modify] – modify data

[F3Duplicate] – duplicate data


[F4Delete] – delete data













Note:

For operations about adding, editing, deleting, securing data and custom field name, please refer to 1.Name Cards.

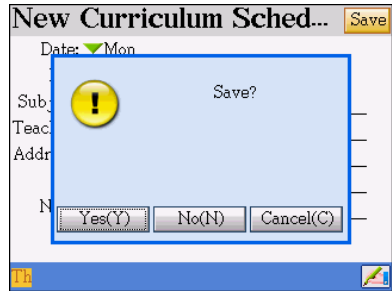
7. Curriculum Schedule

Tap  under the PIM menu.

- A. Press  /  to display the previous/next page (4 periods a page, 12 periods a day)
- B. Press  /  /  /  to select a period.
- C. Press  or tap the highlighted period to access the editing screen. If some data has already been saved, the details will be displayed.
- D. Inputting data.
 - Tap  to select date and period.
 - Press direction keys to move the cursor.
 - Press  to move the cursor to the next line.
 - If you press , the following screen will be displayed.

1. Select “Y” to save the data.
2. Select “N” to exit without saving the data.
3. Select “C” to cancel the operation, cannot exit from current function.


E. Press  to save the data.



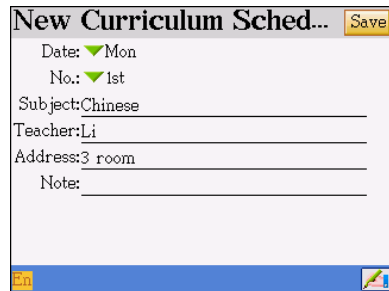
Ex. Editing the class schedule.


1. The index screen

Course	NO.1	NO.2	NO.3	NO.4
Mon				
Tue				
Wed				
Thu				
Fri				
Sat				
Sun				

2. Press  to access the editing screen. Select “Monday” and “1st”

Input data




3. Press 

Course	NO.1	NO.2	NO.3	NO.4
Mon	Chinese			
Tue				
Wed				
Thu				
Fri				
Sat				
Sun				


4. Input other data.

Course	NO.1	NO.2	NO.3	NO.4
Mon	Chinese	math	physics	music
Tue	history	chem		
Wed				
Thu				
Fri				
Sat				
Sun				

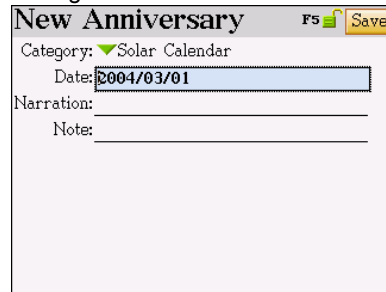
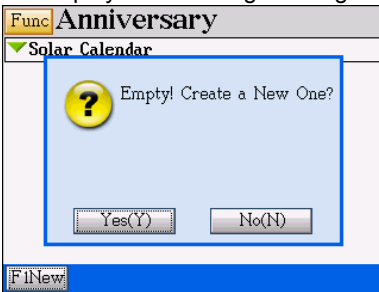
Note:

- * Press  to delete a highlighted period on the index screen.
- * For browsing, modifying, duplicating and deleting a data, please refer to the related explanations in 1. Name Cards.

8. Anniversary

Tap  to access under the PIM menu.

If no data has ever been saved, the device will display the following messages. Press [Y] to set up new data. Access the editing screen.



Ex. Set up a “Memo Birthday”

Tap the field “Date” input “2003/10/17”

Tap ▼ to select “Solar Calendar”

Tap the field “Narration”, Input “Woo Dee’s birthday”

Tap the field “Note”, input “Happy Birthday”

Tap [Save] to store.

The Index Screen

The index screen will display all current anniversary data.

☀ stands for Solar anniversary.

☾ stands for Lunar anniversary.




Note:

For browsing, securing, modifying, duplicating or removing data, please refer to the related explanations of Name Cards.

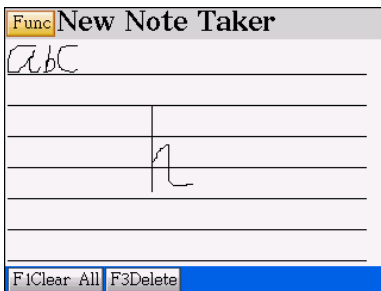
9. Note Taker

Note Taker is a freehand writing program to keep your authentic manuscripts in the record.

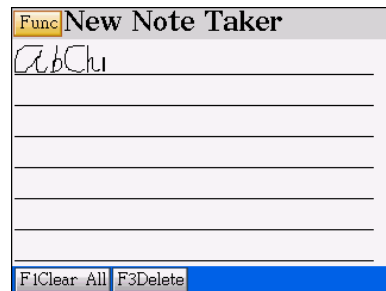
9.1 Adding Data

- A. Tap  under the PIM menu.
- ✧ If no data has ever been saved, you can access the editing screen directly.
 - ✧ If some data has already been saved, the device will display the index screen.
 - ✧ Press [F1New] to add new data.
- B. You are allowed to write on the full screen with stylus, your original handwriting will be optimized and positioned to the place where the cursor is.
- ✧ After writing on the screen, tap [F4 OK] to put the handwriting into the right position immediately.
 - ✧ Tap [F5 Cancel] to delete the handwriting.
- C. Press  or tap [F3Delete] to delete the handwriting in front of/after the cursor.
- D. Tap [F1Clear All] to clear all the handwriting.
- E. To edit a string of manuscripts, tap the first word for about 3 seconds to highlight the word, drag the stylus to the end of the string.
- ✧ Tap [Func] on the screen.
 - ✧ Select “Clear” to delete the highlighted string.
 - ✧ Select “Cut” to cut the highlighted string and put it into the clipboard.
 - ✧ Select “Copy” to duplicate the highlighted string and put it into the clipboard.
 - ✧ Select “Paste” to insert the string from the clipboard to the place where the cursor is. (You need to locate the cursor first)
- F. Press , the data will be saved automatically.

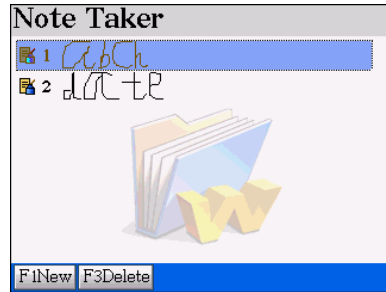
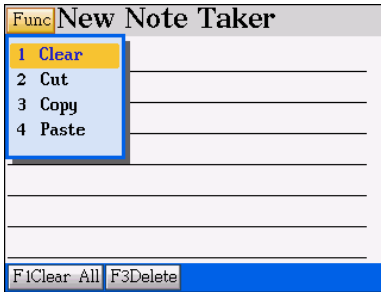
1. The editing screen



2. Writing data



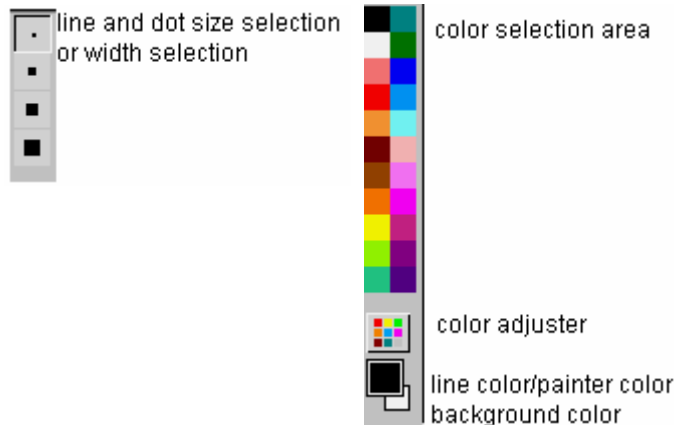
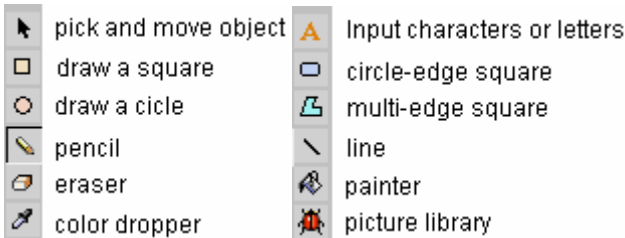
3. Drag the stylus to highlighted words, then Press **ESC** to save data and return to index tap [Func] to access clear / cut / copy / paste function.





10. Paintbrush

10.1 An Introduction to the Tool Box


Provides 12 tools:

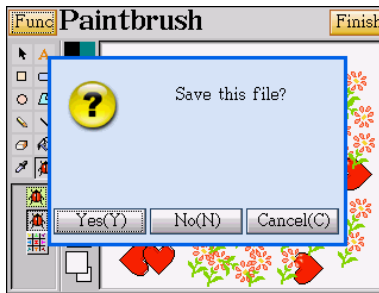



10.2 Adding Drawing

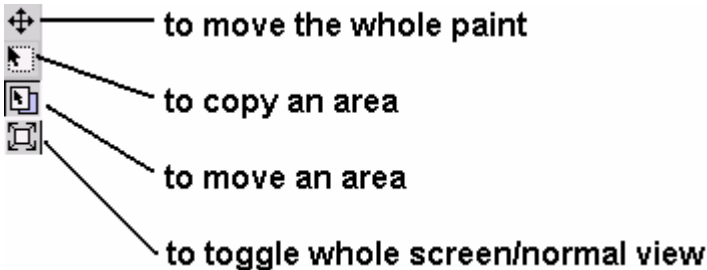
- A. Tap  under the PIM menu.
- B. Utilize the tool box.
- Tap  to select a figure and put it on the screen, then tap the dotted edge to rotate the figure, once for 90 degree rotation. Shown as below:



- Drag the figure to move it to other position.
- If you press , the following screen will be displayed.



- Select “Y” to save the data.
 - Select “N” to exit without saving the data.
 - Select “C” to cancel the operation, and do not exit from current function.
- C. Tap , the following selection is displayed at the bottom of the tool box:

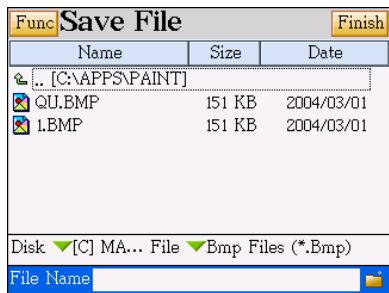


- D. Tap [Func] to edit the drawing.
- New File – Create a new file

- Open – Open an old file
- Save – Save the file
- Save As – Save current file as another file name or category
- Clear – Clear all the content
- Cut – Cut the selected part and keep in the clipboard
- Copy – Copy the selected part and keep in the clipboard
- Paste – Paste the selected part from the clipboard
- Hor Flip – Rotate the picture horizontally
- Ver Flip – Rotate the picture vertically
- Save As Startup... – Save current file as startup picture

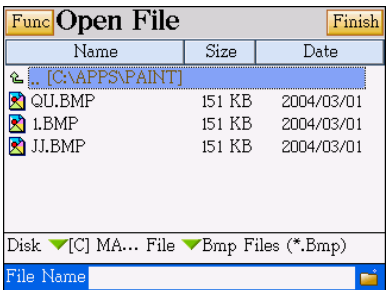
E. After finished drawing, tap [Finish], then select “Y”.

F. Input the file name then tap [Finish] to save the file.



10.3 Browsing the Saved Drawings

In the paintbrush menu, press [Func] and select “2 Open”



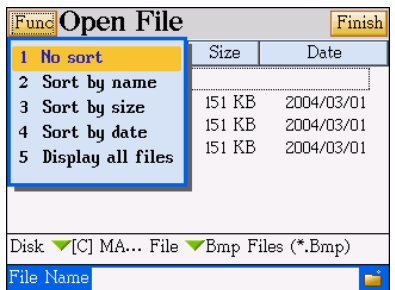
Press [Func].

You can select the sorting methods as the menu showed.


Tap [5 Display all files/Hide system files] to display all files/hide system files.

Note:








You can save files (BMP/JPG files) in drive A (SMC card), and then transfer files to PC.

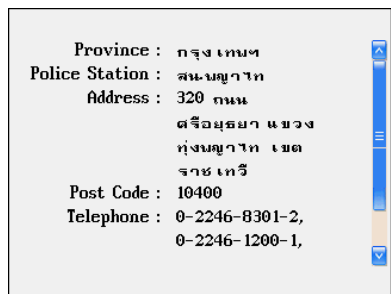
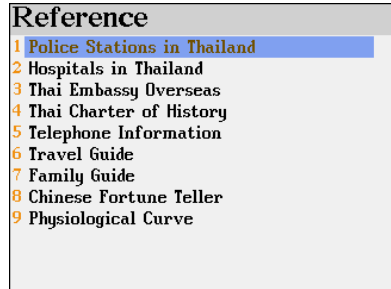


11. Reference

Tap  under the PIM menu.


11.1 Introduces the useful information related to Thai police stations, hospitals, Embassies overseas, charter of history, telephone information, travel guide, family guide.

- Select the item.
- Press  /  /  /  or tap scroll bar to select more.
- Press  /  to view the previous / next page.
- Tap to view the detailed information
- Press  to return.



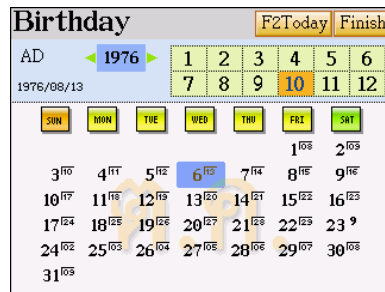
11.2 Chinese Fortune Teller

A person's year, month, date and hour of birth in the lunar calendar are 4 pairs of Chinese characters, so called 8 characters by Chinese. You can obtain a fate analysis by entering your birthday and hour of your birth.

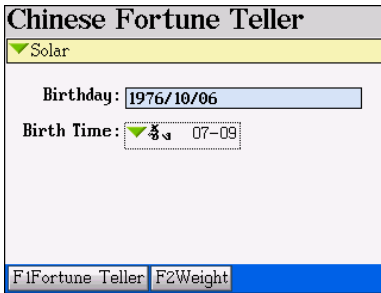
1. Press [8] to select “Chinese Fortune Teller”. Tap  to select “Solar/Lunar”



2. Tap the field of “Birthday” to select your birthday in the calendar.



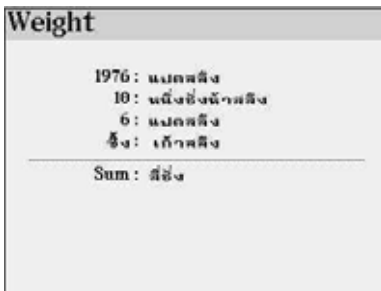
3. Tap [Finish] and then Tap ▼ to select birth Time.



4. Press [F1Fortune Teller] to see the fortune.



5. Press [F2Weight] to see the weight

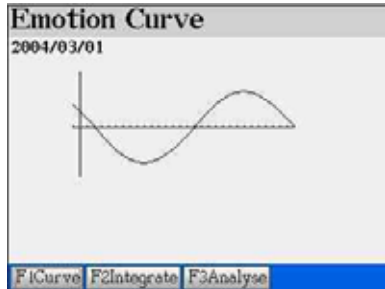
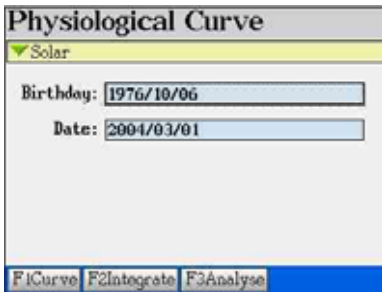


11.3 Physiological Curve

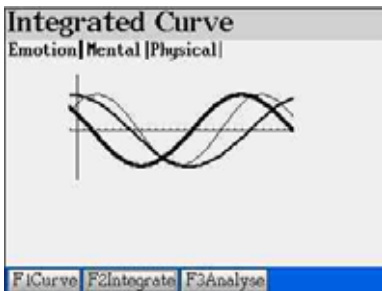
You can enter a birthday and current date to learn about change in one's physical strength, intelligence and moods over a period of time, and analyze the above elements in terms of physiological curves.

The curve is composed of ordinate and abscissa. The abscissa is divided into a fixed number of parts equal in length, each representing a day. The position of the ordinate represents the current date entered.

1. Press [9] to select “Physiological Curve”. 5. Tap [F1Curve] to select a curve of Emotion, Mental or Physical.
2. Tap ▼ to select “Solar/Lunar”.
3. Tap “Birthday” to set the date of birth.
4. Tap “Date” to set current date.




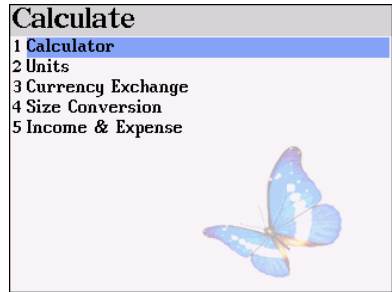
6. Tap [F2 Integrate] to view all the 3 curves in a picture.
7. Press [F1Analyse] to view the dates of highest and lowest value.



	Highest Day	Lowest Day
Emotion	24	10
Mental	01	16
Physical	04	15

12. Calculate

Tap  under the PIM menu. You can find some advanced and downloadable calculation software in [F5MULTI]--> [8.Tool]

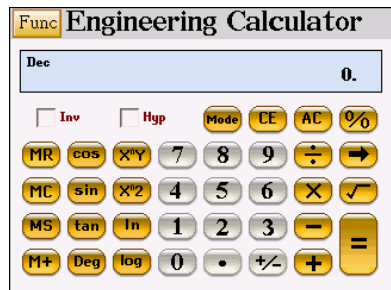


12.1 Calculator

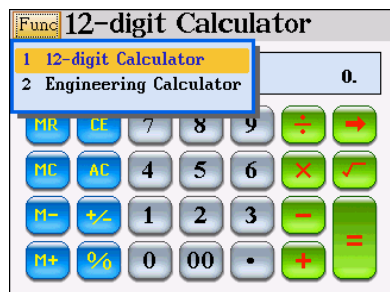
A. Provides 4 fundamental arithmetical operations, memory operations and others functions such as percentage, square root of 12-digit calculation.



















B. Provides Engineering arithmetical operations, trigonometric functions, logarithm, angle and radian conversions.












Press [Func] to switch between 12-digit Calculator and Engineering Calculator.



A. Function Keys of 12-digital Calculator:

 memory	 a decimal point
 memory clear	 division
 minus from memory value	 multiplication
 plus into memory value	 subtraction
 clear error	 addition
 all clear	 delete the last number
 plus or minus	 square root
 percentage	
 input two zeros	

B. Function Key of Engineering Calculator

 put current number into memory	 yth power
 cosine	 square
 sine	 natural logarithm
 tangent	 logarithm
 degree; tap to shift among degree/radian/gradian	

 tap it to shift among counting systems:

[DEC]: decimal system

[HEX]: hexadecimal system

[BIN]: binary system

[OCT]: octonary system

C. Tick the check box:

- Inv** reciprocal of sin, cos, tan, x^y , x^2 , ln, log. (\sin^{-1} , \cos^{-1} , \tan^{-1} , \sqrt{x} , e^x , 10^x)
- Hyp** “hyper” of hyper sine, hyper cosine and hyper tangent.

The ticks will be disabled automatically after the operations.

12.2 Units

Ex: Initial screen

Func	Units	Length
▼	Yard	▼ Metre
Ratio	1	:0.9144
Num	0.0	= 0.0
Num	0.0	= 0.0
Num	0.0	= 0.0
Num	0.0	= 0.0
Num	0.0	= 0.0
Num	0.0	= 0.0
Num	0.0	= 0.0

Tap **Func** to select conversion units: length, temperature, area, heat, capability, power, weight and pressure.

Func	Units	Length
1	Length	▼ Metre
2	Temperature	:0.9144
3	Area	= 0.0
4	Heat	= 0.0
5	Capability	= 0.0
6	Power	= 0.0
7	Weight	= 0.0
8	Pressure	= 0.0
Num	0.0	= 0.0

Tap ▼ on the left to select unit to be changed from

Func	Units	Area
Select unit:		▼ Hectare
1	Sq.Meter	
2	Hectare	
3	Sq.foot	120.0
4	Sq.km	0.0
5	Are	0.0
6	TW.Jia	0.0
7	Acre	0.0
8	SAMD	0.0
9	Ping	0.0

Tap ▼ on the right to select unit to be changed to

Func	Units	Area
▼	Acre	Select unit:
Ratio	1	1 Sq.Meter
Num	300.0	2 Hectare
Num	0.0	3 Sq.foot
Num	0.0	4 Sq.km
Num	0.0	5 Are
Num	0.0	6 TW.Jia
Num	0.0	7 Acre
Num	0.0	8 SAMD
Num	0.0	9 Ping

Input number in the “Num” field to see the result.

Func	Units	Area
▼	Acre	▼ Hectare
Ratio	1	:0.4
Num	300.0	= 120.0
Num	70.0	= 28.0
Num	0.0	= 0.0
Num	0.0	= 0.0
Num	0.0	= 0.0
Num	0.0	= 0.0
Num	0.0	= 0.0

12.3 Currency Exchange

- A. Provides 133 default currencies and 2 user-defined currencies.
- B. Please set standard currency and currency exchange rate before you convert currencies.

Ex: Initial screen

Currency Exchange		F1Set Rate
USD:	1.0	▲
TWD:	34.65	▲
CNY:	8.2773	▲
Euro:	0.8418	▲
JPY:	117.62	▲
HKD:	7.7815	▲
GBP:	0.5973	▲
CHF:	1.296	▲
SGD:	1.7287	▲
MYR:	3.7995	▼

Ex. Press [F1 Set Rate] to set base

currency and currency exchange rate first.

Exchange rate setting		Finish
Base ▼ USD	Sum L0	
TWD:	34.65	▲
CNY:	8.2773	▲
Euro:	0.8418	▲
JPY:	117.62	▲
HKD:	7.7815	▲
GBP:	0.5973	▲
CHF:	1.296	▲
SGD:	1.7287	▲
MYR:	3.7995	▼

Ex. Set base currency as USD. The currency exchange rate between USD to THB is 1:40.5.

Ex. Press [F1Finish] to confirm.

THB		F1Finish	
Dec	40.5		
CEC	%	→	
7	8	9	÷
4	5	6	×
1	2	3	-
0	.	=	+

Exchange rate setting		Finish
Base ▼ USD	Sum L0	
AUD:	1.4977	▲
CAD:	1.336	▲
SEK:	0.6036	▲
NZD:	1.7164	▲
THB:	40.5	▲
IDR:	8,205.0	▲
MOP:	8.033	▲
AFA:	43.0	▲
ADP:	166.386	▼

Ex. USD20 = THB ??

Currency Exchange		F1Set Rate
AUD:	29.954	▲
CAD:	26.72	▲
SEK:	172.072	▲
NZD:	34.328	▲
THB:	810.0	▲
IDR:	164,100.0	▲
MOP:	160.66	▲
AFA:	860.0	▲
ADP:	3,327.72	▲
AON:	118.4025	▼

12.4 Size Conversion

Provides dress/shoes/hat size comparison chart of American, Britain, Japan, Germany and Europe.

Initial screen

	F1	F2	F3	F4	F5
American: 8	10	12	14	16	18 20
Britain: 32	34	36	38	40	42 44
Japan: 7	9	11	13	15	17 19
Germany: 34	36	38	40	42	(44) (46)
Europe: 36	38	40	42	44	46 48

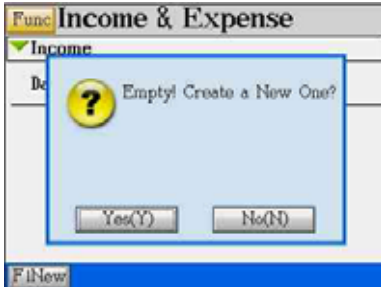
Press [F1] to [F5] to view different types

	F1	F2	F3	F4	F5
American: 21	21½	21¾	22	22¾	23 23¾
Britain: 21	21¾	21¾	22	22¾	23 23¾
Japan: 53	54	55	56	57	58 59 60
Europe: 53	54	55	56	57	58 59 60

12.5 Income & Expense

This function helps you to manage your incomes and expenses.

Ex: Initial screen



Ex. Press [Y] to input new data.

Ex. Input data.

Ex. Press **SAVE** to confirm.

New Income & Expe... F3 Save

Category: Income
 Date: 2004/03/01
 Currency: THB
 Sum: 10000.00
 Narration: salary
 Memo:

Func Income & Expense

▼ Income

Date	Sum	▼ Narration
2004/03/01	10,000.00	salary

F1New F2Total F3Delete

Ex. Select "Expense"

Func Income & Expense

▼ Income

Select Category:

- Income
- Expense

F1New F2Total F3Delete

Ex. Input another data and press **SAVE**

Func Income & Expense

▼ Expense

Date	Sum	▼ Narration
2004/03/01	2,000.00	house rental

F1New F2Total F3Delete

Ex. Press [F2Total] to calculate the total incomes, expenses or overall net income.

Income & Expense F1Calculate

Category: Expense

Start Date: 1 All Categories

Close Date: 2 Income

Currency: 3 Expense

Exp Type: All types

Exp Mode: All Modes

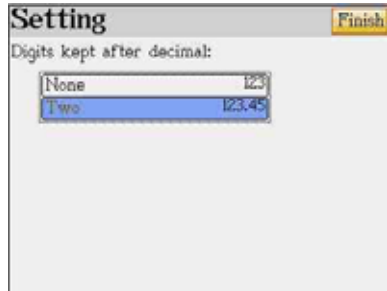
Ex. Select "All Categories"

All Categories Calculator

Income	THB: 10,000.00
Expense	THB: 2,000.00
Total: 8,000.00 THB	

Ex. Press [Func]

Ex. Select "Setting" to select the digits kept after the decimal points.



Note: For detail operations of securing data, please refer to “1. Name Cards”.

Chapter 5. System

1. Memory

- Provides memory management for the device and the expansion card (SMC)
- Provides 2 kinds of file browsing mode: Shortcut Mode (for specified data of the device only) & More DirMode
- You can format SMC on this device to ensure it is well-formatted before using it
- Allows to delete personal data, files or folders, create new folder, rename folder / file, as well as delete folder
- Allows to exchange data (cut, copy, paste) between device and the extension card (SMC)
- Allows to optimize the memory management

Note: SMC stands for “Smart Media Card”, which is an optional accessory.

2. Information Communication


- Allows to exchange personal data with a computer via PC-Link or transfer downloadable titles, files and software from a computer.

3. System Settings

- **Menu Setting:** Thai / Icon / English
- **Pen & Key Tone:** Turn On/Off
- **Picture Setting:** No Drawing / Internal Drawing / Custom Drawing / Default Drawing
- **Speech Adjustment:** Settings of Volume & Speed
- **Password Setting:** for the security of personal data
- **Power Management:** Settings of Auto Power Off Time and Auto Power Saving Time
- **Alarm Setting:** Allows to select different alarm sounds for schedule alarm, daily alarm and opening greeting music
- **Chinese System Setting:** Traditional Chinese / Simplified Chinese

- **Handwriting Setting:** to set touch panel sensitivity and pen lifting time for handwriting recognition

4. Personal Settings

- Allows to set your favorite colors for the background, title bar, highlight bar and function bar.
- Allows to assign your favorite hot key function to , for example MP3 Song, My Picture, e-Book, Games World, Text Viewer, etc.

5. Hot Line






- Provides our company information such as customer service telephone number, Fax number and website address, as well as the OS Version and Product No of this device.

1. Memory

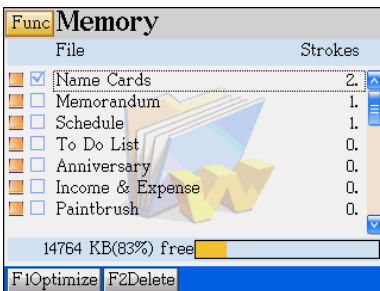
This function is mainly for data, file, folder and memory management, you are not allowed to run or open any files under this feature.

1.1 Shortcut Mode

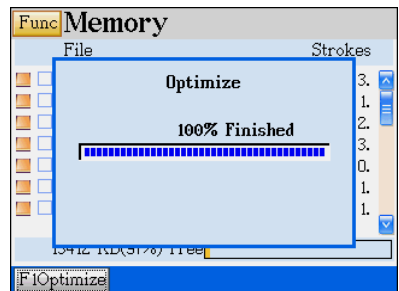
You can delete specified data of the device (C:) such as PIM, MP3, My Picture, etc. and also optimize the memory of the device.

- A. Tap  under [4.SYS] menu, the default initial screen is in ShortCutMode.
- B. Press  to scroll a line up/down.
- C. Press  to display the previous/next page.
- D. Press [F1Optimize] to optimize the memory.
- E. Press  or tap on the item to mark it. If there are some data inside this item, [F2 Delete] will appear on the screen. Press [F2Delete] to delete all the data in this item.
- F. Tap  to select other functions.
 - More DirMode – Switch to More DirMode
 - SelectAll – Select all items (tick all items)
 - InverseSelect – Inverse the selection of the items
 - Format Card – Formatting SMC.

Ex: Select an item, [F2 Delete] appears.








EX. Press [F1] to optimize the memory.



1.2 More DirMode

You can Browse / Cut / Copy / Paste / Delete / Rename the files in all the folders of the device (C:) and SMC (A:), as well as Rename / Create folders in Drive C: & A:. (Press [F1 Shift] to change between the drives.)

- A. Tap **Func** and select “More DirMode”
- B. Press [F1Shift] to switch between Drive C and Drive A. “C:” stands for the memory of the device, “A” stands for the memory of SMC.

- C. Press / to scroll a line up/down.
- D. Press / to display the previous/next page.
- E. Press  or tap on the item to mark it.

[F2Cut] – Cut the selected folder or file and keep it in the clipboard.

[F3Copy] – Copy the selected folder or file and keep it in the clipboard.

[F4Paste] – After you press [F2Cut] or [F3Copy], [F4Paste] appears on the screen for your selection. You can select another drive or folder, then press [F4 Paste] to paste the mentioned item from the clipboard.

[F5Delete] – Delete all the selected items.

- F. Tap **Func** to select other functions.
- ShortCutMode – Switch to ShortCutMode.
 - SelectAll – Select all items (tick all items).
 - InverseSelect – Inverse the selection of the items.
 - Create Folder – Create a new folder.
 - Rename – Rename a folder or file.
 - Format Card – Formatting SMC.

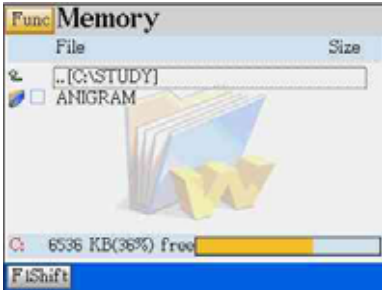
1.2.1 Change Drive

Ex: Tap **Func** and select [More DirMode]. EX. Press [F1Shift] to change Drive.



1.2.2 Browse Folder and File

Ex: Tap [STUDY] to browse more folder.



EX. Tap [ANIGRAM] to browse the files.



1.2.3 Cut, Copy, Paste, Delete the Files

Ex: Tap to select the files to be cut, copied, pasted or deleted.

[F2Cut], [F3Copy] & [F5Delete] appear for selection.



Ex. If you press [F2Cut] or [F3Copy],

[F4Paste] appears on the screen.

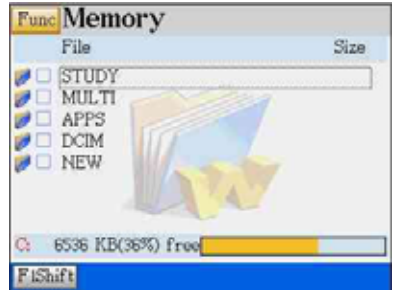


1.2.4 Create Folder

Ex: Tap **Func** and select [Create Folder]



EX. Tap [ANIGRAM] to browse the files.

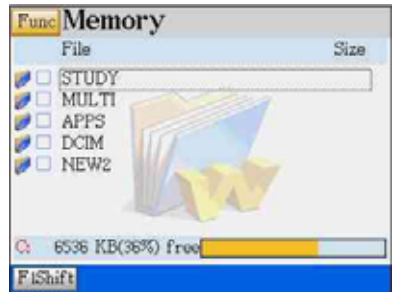


1.2.5 Rename Folder and Files

Ex: Tap **Func** and select [Rename].



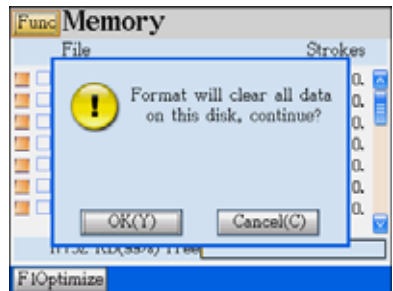
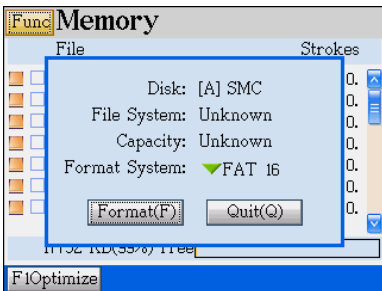
EX. Tap [ANIGRAM] to browse the files.



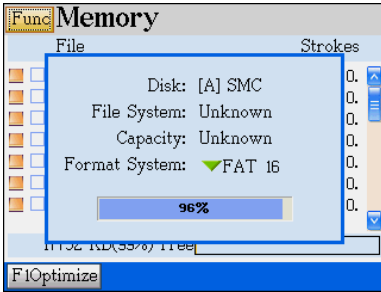
1.2.6 Format Card

Ex: Tap **Func** and select "Format Card"

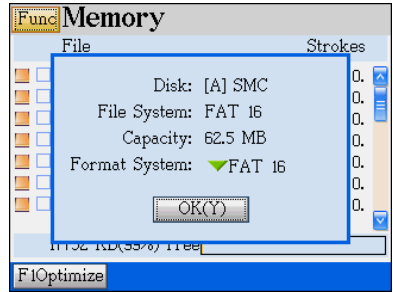
Press [F] to confirm.



Press [Y] to start.



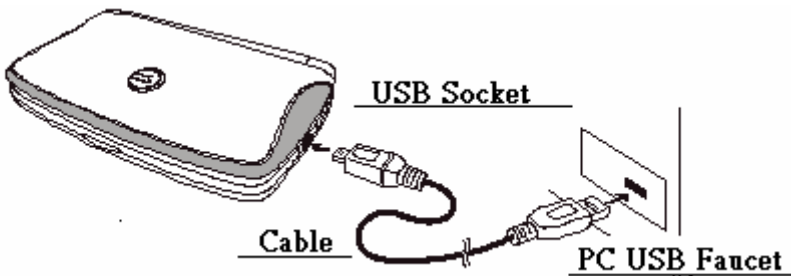
The formatting process is completed.



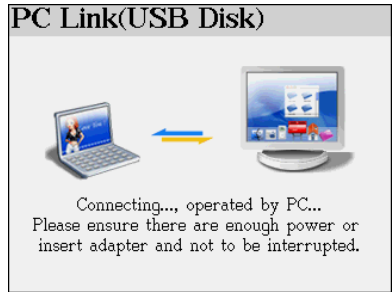
2. Information Communication

First of all, install PC-Link software into your personal computer (PC), then connect the unit and PC with a PC-Link cable (USB). The personal data (ex. PIM) of the unit and downloadable titles/software of the PC are allowed to exchange via PC-Link cable and PC-Link software.

- A. If the operation system of your PC is Windwos98 or Windows2000, please make sure the USB driver has been installed successfully. Please refer to "Install USB Driver program" in the CDROM which comes with this device.
- B. Connect USB Faucet of PC and the USB socket of the device with a PC-Link cable as the following picture.



C. Whenever the USB cable is inserted, the display will change as the following picture automatically and ready for exchanging data. You can also select [F4SYS] [2. Information Communication]).







Note:

When the two terminals are connected, you can start data transmission from PC. The red alert message will remind you that data is under transmission; and at the end, the black word will remind you that the transmission is over. (Please refer to the introduction of PC-Link)

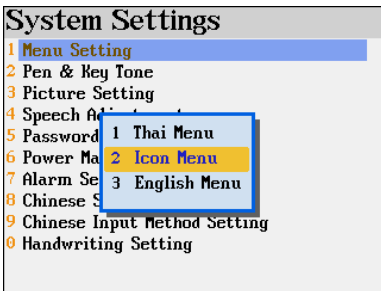
3. System Settings

3.1 Menu Setting

Allows to set the display mode, you can choose Thai Menu, Icon Menu or English Menu.

- A. Tap  under the System screen.
- B. Press  /  to move the cursor.
- C. Tap to select an item, press  to confirm.

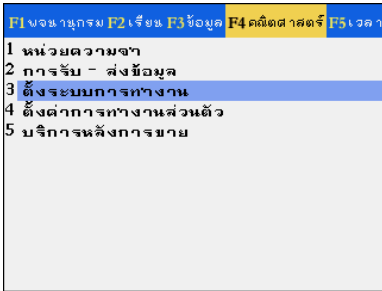
Ex: Menu Setting



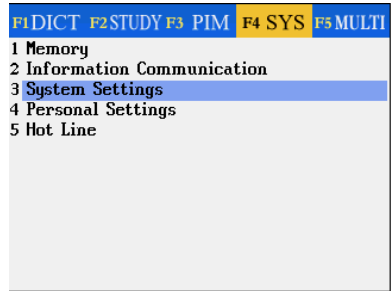
EX. Icon Menu



Ex: Thai Menu

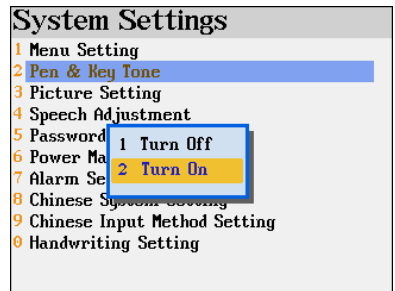


EX. English Menu



3.2 Pen & Key Tone

- A. Press / to move the cursor to select “Turn Off” or “Turn On”.
- B. Tap the highlighted item, press to confirm.



3.3 Picture Setting

- A. Press / to move the cursor to select item.
- * No Drawing: No startup picture will be displayed.
 - * Internal Drawing: Access the slide show to select a picture and set as startup picture.
 - * Custom Drawing: You must download picture from PC or draw picture in Paintbrush and save it as the startup picture.
 - * Default Drawing: Display the window default picture when you start the unit.
- B. Tap the highlighted item, press to confirm.

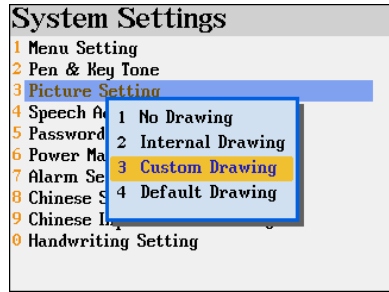
Note:

The operation of “2 Internal Drawing” is same as the operation of “STUDY” ”3 Picture Galley”, please refer to it.

Ex. Select “3 Custom Drawing”



Note:

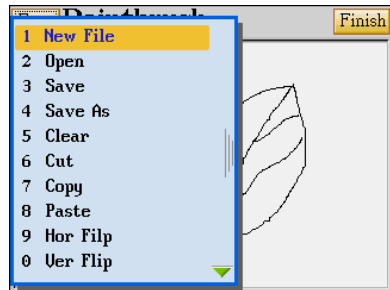
You must download picture from PC or draw picture in Paintbrush to save it as startup picture first.



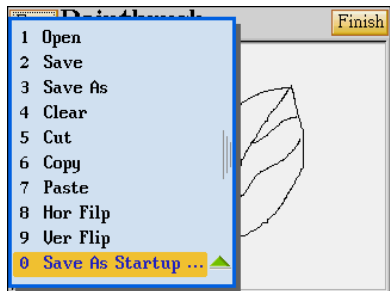
Ex: Draw a picture in Paintbrush






Tap  to open the drop-down menu, then tap  at the right bottom of the drop-down menu.



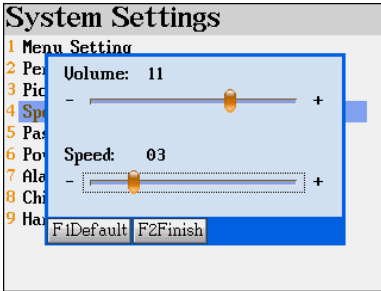
Press / to select “0 Save As Startup ...”, then press  to confirm to save this picture.



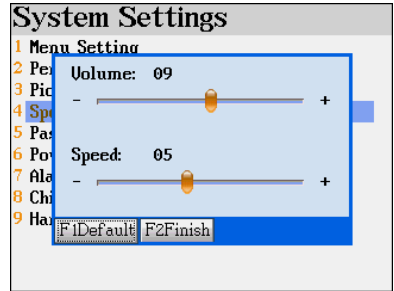
3.4 Speech Adjustment

- A. Press  to shift among the functions.
- B. Press   to adjust your desired level, or directly tap the scale to select.
- C. Press [F1Default] to return to the default value.
* The default value is “Volume” :09, “Speed” :05.
- D. Press [F2Finish] to confirm.

Ex: Set volume and speed






EX. Default Value.



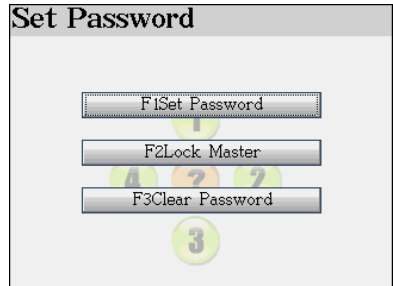
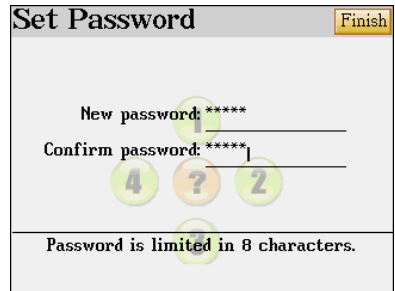
3.5 Password Setting




3.5.1 Setting New Password

- A. Input new password. (Up to 8 characters)
- B. Press   or  to move the cursor.
- C. Input the same password again.
- D. Tap [Finish] to confirm.
- E. Press the letter key [Y] or directly tap OK[Y] to complete the password setting.

After password setting, the screen below will be displayed when you enter password setting again.

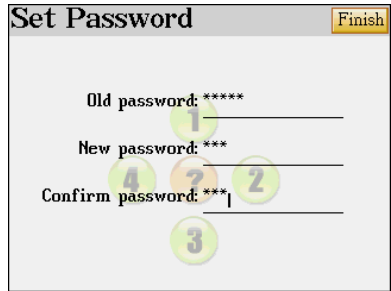
- A. Tap [F1Set Password] to change password.
- B. Tap [F2Lock Master] to secure the device, you need to input the password whenever you turn on the power.
Tap [F2Unlock Master] to unlock the device.



- C. Tap [F3Clear Password] to clear the password.
- D. Press / or  to move the cursor.

3.5.2 Password Setting

- A. Input old password.
- B. Input new password.
- C. Input new password again to confirm.
- D. Tap [Finish] to confirm.



3.5.3 Securing the Unit

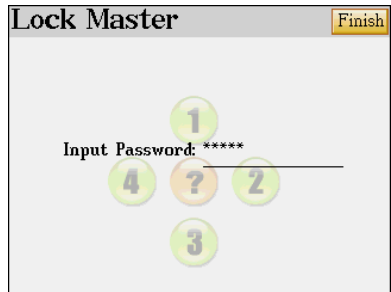
If the unit is secured, you need to input correct password whenever turning on the power.

- A. Input correct password.
- B. Tap [Finish] to confirm.

Note:

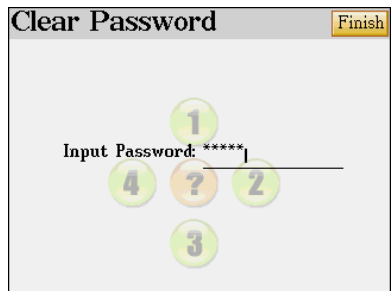
Same method to unlock the unit.

Input password to secure the unit.



3.5.4 Clearing Password

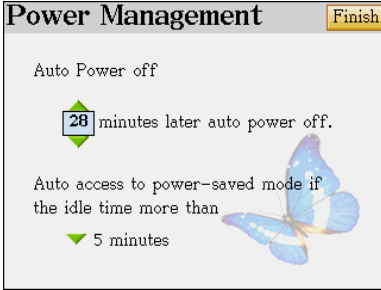
- A. Input correct password.
- B. Tap [Finish] to confirm.



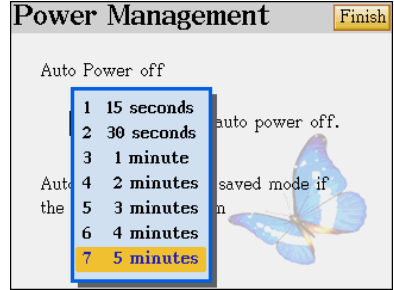
3.6 Power Management

- A. Press or or to move the cursor.
- B. Tap / or press / to adjust the auto power off period.
- C. Tap or press to set time, if it is over the setting time when you operate, the system will auto access to power-saved mode.
- D. Tap [Finish] to confirm.

Ex: Auto Power off Time



EX. Power-saved time

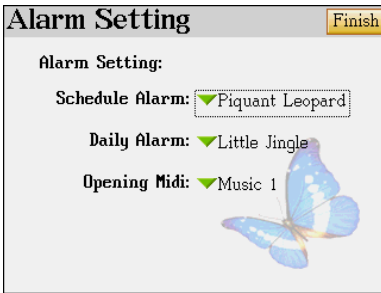


3.7 Alarm Setting

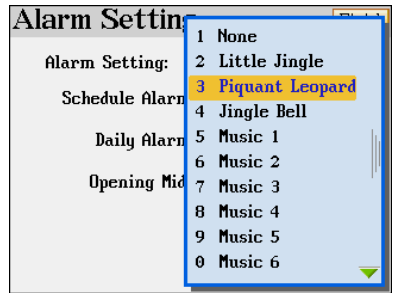
12 alarm sounds and all MP3 songs can be selected for Schedule Alarm, Daily Alarm and Opening Midi.

- A. Press or or to move the cursor.
- B. When you select an item, press to open the sub-menu.
 - * Press / to select music line by line.
 - * Press / to page up/down to select music.
 - * Press to display all alarm sounds and music.
 - * Tap any space or press to return to the previous screen.
- C. Tap [Finish] to confirm selection.

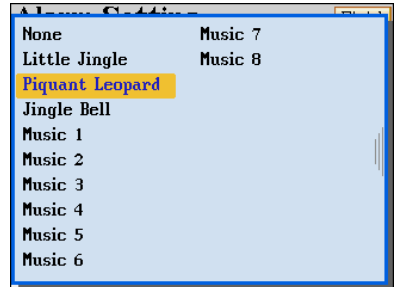
Ex: Initial Screen



EX. Select Music



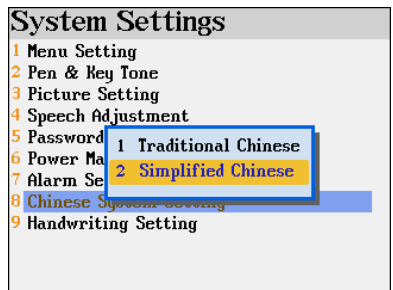
Press to display all alarm sound and music.
 Tap any space or press to exit.



3.8 Chinese System Setting

This device provides two kinds of Chinese system when displaying Chinese content: 1 Traditional Chinese 2. Simplified Chinese

- A. Press to select.
- B. Press to confirm.

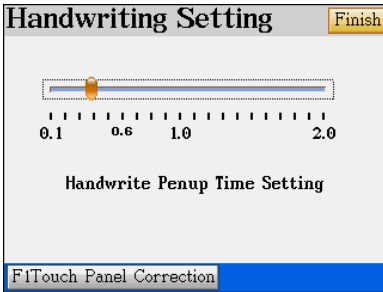


3.9 Handwriting Setting

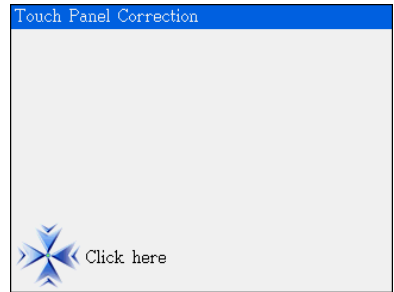
- A. Press to move the cursor.
- B. Tap the scale on the screen or press to adjust the handwriting pen lifting time.
 - * “Handwriting Pen Lifting Time” means the time interval from lifting the stylus until handwriting recognition starts. If you are not familiar to the handwriting of the words, it’s better to set longer pen lifting time.
- C. Tap [F1Touch Panel Correction] to adjust touch panel sensitivity, and then tap the center of circle as the on-screen instructions to complete the correction.

D. Tap [Finish] to confirm.

Ex: Adjust Pen Lifting Time




EX. Touch Panel Correction









4. Personal Settings

You can set your favorite colors for background, title bar, highlight bar and function bar.

And you can assign your favorite function to the hot key .

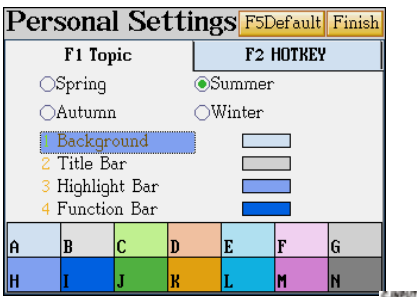
A. Tap  under the System menu.

B. Press  or tap on [F1Topic] or [F2HOTKEY] to shift among the settings.

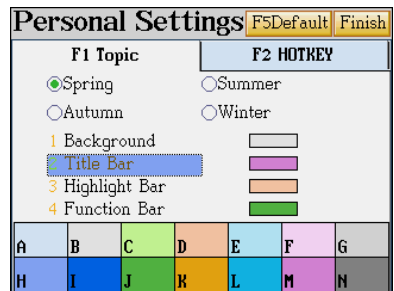
➤ In the Topic screen, press  to select your favorite season, then press  to select. When "1 Background" is highlighted, press  or  to select other items, tap your favorite colors at the bottom of the screen. Finally tap [Finish] or press  to confirm; Tap [F5Default] to resume all default values.

➤ In the Hotkey screen, press  or  to select an item, tap [Finish] to confirm.

Ex: Default Value Display




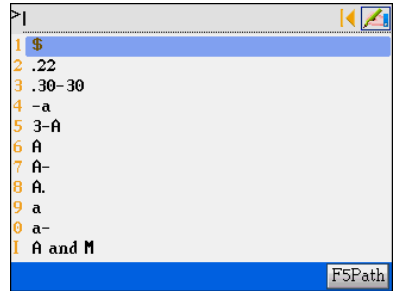
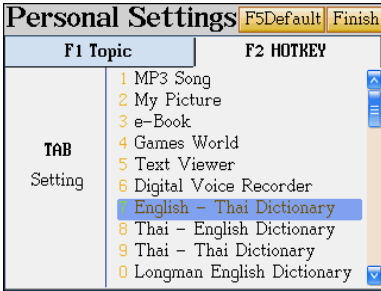
EX. After Color Setting




Note: After assigning a function to  hotkey, you can access this function when pressing .

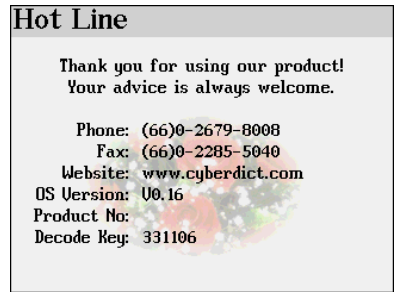
Ex: Set "English-Thai Dictionary" as your favorite hot key function, tap [Finish] to confirm.

Press  hotkey. It will access the input screen of English-Thai Dictionary directly.



5. Hot Line

Tap  under the System menu.



Chapter 6. Multimedia

1. MP3 Song (e)

- Built-in MP3 Player with fine sound quality speaker
- Allows to download standard MP3 songs into this device, even if the MP3 song isn't in correct path, the device will search for the *.mp3 files in other paths automatically

2. My Picture (Album) (e)

- Allows to browse downloaded pictures

3. e-Book (e)

- This is an e-Book viewer, you can download e-book contents from CyberDict Technology website

4. Games World (e)

- Provides many colorful and funny games, to save user's memory space, all the games can be deleted by user
- You can download all the games from CyberDict Technology website or the CDROM which comes with this device

5. Text Viewer (e)

- Allows to view pure text documents

6. Digital Voice Recorder


- This device can work as a digital voice recorder, you can record voice and play back the voice anytime

7. Video English Learning (e)

- Video Learning is the most advanced technology to learn English as a second language. You can view the video, understand the background of each conversation and the actions of every actor/actress, while listening to MP3 quality voice and reading the sentences shown on the screen at the same time. This is an easier way to learn and remember many ways of pronouncing or expressing a sentence or dialog

- To save user's memory space, only a few Video English Learning titles will be bundled in this device, these files can also be deleted by yourself. You can also download more Video English Learning titles from CyberDict Technology website and the CDROM which comes with this device
- If the Video Learning titles aren't in the correct path, the device will search for the files in other paths automatically


1.MP3 Song (e)


Tap  to access the MP3 player directly in the MULTI main menu.


If no songs in play list, it will display:

Tap “YES” to search for the songs.




 Select Play Single / Single Cycling / Play All / All Cycling / Play Randomly / Play Order


 Open the play list



 Select Default / Rock / Pop / Classic / Jazz


 Play the previous song in the list


 Play the next song in the list


 Backward during playing songs



 Forward during playing songs


 Back to the front of the song or press  key

 Play current song (or press [P] key)

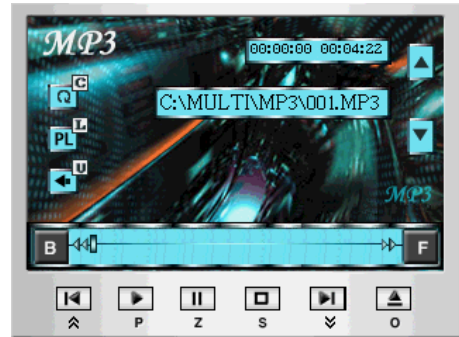
 Pause (or press [Z] key)

 Stop (or press [S] key)


 Back to the end of the song (or press  key)

 Select songs in the folder (or press [O] key)

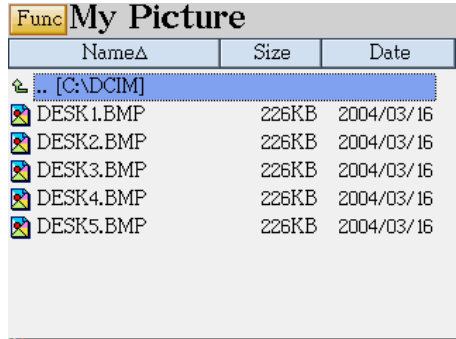
Playing




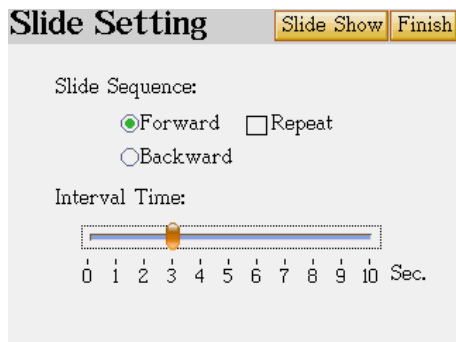
2.My Picture(e)

Tap  to access My Picture in the MULTI main menu


- * Select the downloaded pictures or photos from corresponding drive.



- * Tap a downloaded file to browse the picture in full screen.
- * Press  key or tap anywhere on the screen to select the function.
- * Tap “1.Set As Startup Picture”, it will display “Startup picture has already saved”.
- * Tap “2.Slide Show” to the browse orderly.
- * Tap “3.Slide Setting” to set the slide sequence and the interval time.
- * Tap “4.Exit” to return to the list screen.
- * Tap “3.Slide Setting”.
- * Tap the circle to select slide sequence “Forward/Backward”.
- * Tick the square brackets to select “Repeat”.
- * Tap the axis to select the interval time.
- * Tap [Finish] after setting.



3.e-Book (e)

Tap  to access e-Books in the MULTI main menu

Select the downloaded e-books from the corresponding drive.

Note: Animated Grammar is a kind of e-book.

Func e-Book		
Name	Size	Date
.. [C:\MULTINEBOOK]		
Positional Prep	424KB	2004/03/09
at.on.in	356KB	2004/03/15
But and object	512KB	2004/03/09
over, past, aft	363KB	2004/03/09
above, over; be	392KB	2004/03/09

Tap a downloaded file to browse the e-book.




Press any key of [F1]~[F5]:

- * Restart—Return to the head and start
- * Information—Display the title name
- * Ins Bookmark—Insert a bookmark
- * Setting—Set auto page down
- * About—View the copyright notice



4. Games World(e)

Tap  to access the Games World in the MULTI main menu.

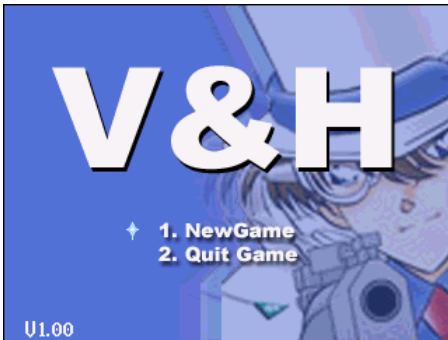
All Downloaded games will be displayed in the corresponding folder.

Tap a downloaded game to open the game.

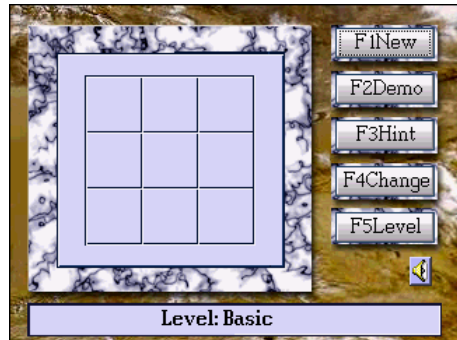
Func Games World		
Name	Size	Date
.. [C:\MULTINGAME]		
V&H	155KB	2004/03/09
Magic Ball	156KB	2004/03/09
Bingo	132KB	2004/03/09
Magic Beans	180KB	2004/03/09
Gobang	151KB	2004/03/09
Mahjong	152KB	2004/03/09
Landmine	261KB	2004/03/09
Mushroom Man	148KB	2004/03/09

4.1 V&H


Select “V&H”.



Tap “1.New Game”



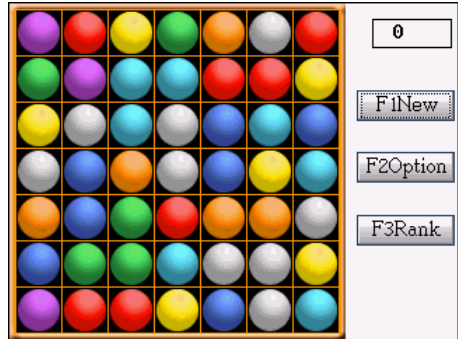
Operations:

1. [F1 New]: Start a new round.
2. [F2 Demo]: Demonstration of the game by the device itself. Tap anywhere on the screen or press [F1 New] to start a new round.
3. [F3 Hint]: Show the hint of the step.
4. [F4 Change]: Change the first step. After the first step, [F4 Change] will display as [F4 Retract], you can retract for 4 steps. After 4 times the button will disappear.
5. [F5 Level]: Choose the level of difficulty, Basic /Normal / Advanced.
6. Tap the icon  to switch the sound on/off.
7. The rules: If “A” stands for one side, “B” stands for another side. Whenever the

chess pieces display as “ABBA”, “AABB”, “BAAB” or “BBAA” in one line, the side who completes the mentioned order will eat the chess pieces belongs to another side.

4.2 Magic ball

Select “Magic ball”.



Operations:

1. Introduction: When the game starts, the colorful balls located on the screen randomly, if there are 3 balls of same color stand in a horizontal or perpendicular line, the balls blow up. You are allowed to exchange the locations of 2 adjacent balls to create three same color balls in one line. Whenever none of the balls can be exchanged, the game is over.
2. The Rules: You earn 5 points for every blow up ball, when your total score reaches 99995 points, you win the game.
3. Hot-key introduction: Tap [F1 New] to start the new game; Tap [F2 Option] to select size of the chessboard and sound on/off; Tap [F3 Rank] to view the scores and ranking.

4.3 Bingo

Select “Bingo”.

Tap “1.New Game”




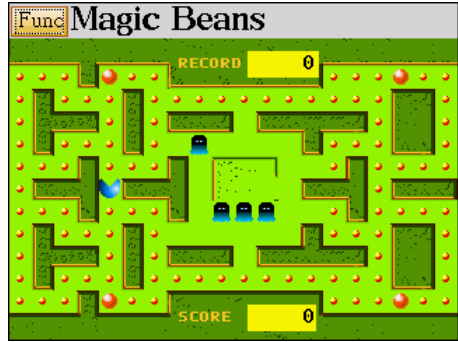
Operations:

1. The Rules: The device will choose a 4-digits number randomly for each round, the digits are from 0-9, no repetition. Please guess what is this number. You have 10 chances, you lose the game if you can't find out the correct number.
2. When you input an incorrect number, (X)A(Y)B will be shown. It means X digit(s) is(are) correct and in the right position, Y digit (s) is (are) correct but in the wrong position.
3. If you input wrong answer for 10 times, you lose the game and the right answer will be displayed.
4. Tap [F1New] to start the new game; Tap [F2Confirm] to confirm the inputted number; Tap [F3Answer] to get the right answer.

4.4 Magic Beans

Select "Magic Beans".

Tap  to select New Game and sound on/off.



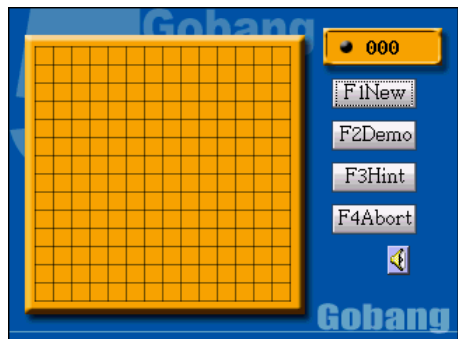
Operations:

1. When you eat up all the beans, you win the game. You have three chances in the game, when you finally ate by the ogre, then you lose the game.
2. There are four ogres in the maze, they will run out to catch you.
3. When the ogre is dark, it will eat you; but when you eat a big bean, the ogres will turn into gray for a short period, then you can eat them, but the ogres won't die, it will back to the center to have a rest and run out later.
4. Score: you earn 10 points when you eat a small bean, you get 40 points when you eat a big bean, you earn 100 points when you eat one ogre.

4.5 Gobang

Select "Gobang".

Tap "1.New Game"



Operations:

1. The players take turns to place their chess pieces at intersect of lines on the board. If one of the players succeeds in placing five chess pieces in a row vertically, horizontally or diagonally, that player wins the game.
2. As a default setting, you hold the black chess and the unit holds the white chess. If you tap [F4 Abort], then you hold the white chess, and the unit will hold the black one. [F4Abort] will disappear when the game start.
3. The black chess starts first. Tap at intersects of lines to place your chess piece, then the unit's turn.
4. Tap [F2 Demo] to demonstrate one round, tap anywhere on the screen to stop it.
5. Tap [F1 New] to start a new round; Tap [F3 Hint] to ask for hint; Tap [F4 Abort] to give up your chance to hold the white chess.

4.6 Mahjong

Select "Mahjong".

Tap "1.New Game"



Rules:

1. There are 60(10*6) Mahjong blocks. The mission is to match 2 same blocks and make them disappear from the screen.
2. If 2 same blocks are linked with a simple path, they will combine and disappear together.
3. A simple path means a path which has no more than 2 corners to connect 2 blocks without any other blocks on the path.

4. So you should find 2 same blocks first, tap one of them and then tap another. if the path is correct, the blocks will disappear from the screen.
5. You win if all the blocks are cleaned up.

Operations:

1. [New]: Starts a new round.
2. [Hint]: Show a hint for the blocks you can tap to cleanup.
3. [Retract]: Back to the previous step.
4. If there are some blocks cannot be cleaned up and no more 2 same blocks in a simple path, a message "You lose! Start again!" pops up. If you tap "Yes", you can start a new round. Tap "No" to stay in the present round and retract once.
5. When all the blocks are cleaned up, a message "Congratulations! You win!" pops up, Tap "Y" to start a new round.

4.7 Land Mine

Select "Landmine".

Tap "New Game"




Operations:

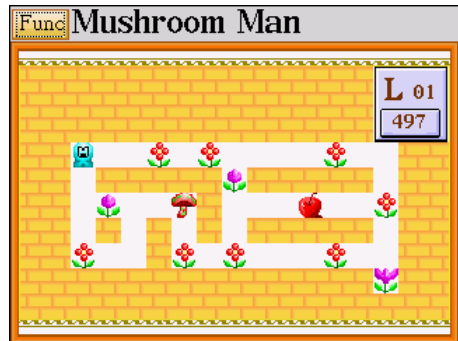
1. The timer will start whenever you tap any blocks.
2. Tap to tread on the block, the game is over if you tread on a landmine, you dead!
3. The number displayed on the block means the total number of landmines around this block.
4. Tap and then tap the block where you think there might be a landmine inside to mark it.

- The rule: If you haven't tread on any landmines and no more block to be treaded on, you win the game.
- Tap [F1 New] to start a new game; Tap [F2 Level] to set the level of difficulty, Basic, Normal or Advanced, or customize the size of the chessboard.

4.8 Mushroom Man

Select "Mushroom Man".

Tap  to select New Game, Level, Pause and sound on/off



Operations:

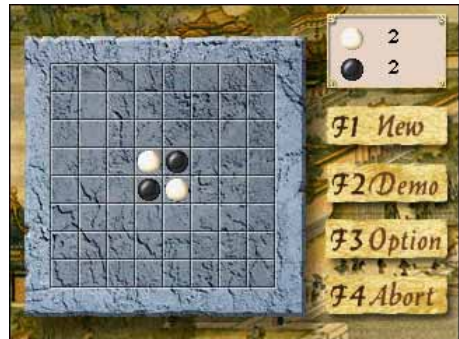
- There are 12 items and a little man in this game, using the directional keys or tap on the screen horizontally or vertically to move the Mushroom man. Whenever the little man eats the fresh mushroom means you pass this round and enter to the next round.
- In order to eat the mushroom, the little man must go though some barriers, such as the poison mushrooms, man-eating flowers and the wall.
- The little man can move the ball, apple, crystal and detonator. The detonator will blast at the 16th second counts from the beginning, it will destroy all items around except the ball, the apple, the crystal and the wall.
- When 2 crystals combine, they will disappear at the same time.
- The men-eating flower will turn out whenever the little man pass it for the first time. In order to pass it safely, the little man can push the apple toward the men-eating flower, the men-eating flower will eat the apple and need 16 seconds to digest it, then the little man can pass safely within this period.

6. When the little man gets the key, he can pass the door, one key for one door .
7. The little man shouldn't bypass the poison mushroom, otherwise he will be poisoned to death.
8. Whenever the two things combine, it won't move any more.
9. The time limit is 500 seconds a round, you earn 5 extra seconds for every flower the little man takes, you earn 20 extra seconds for every block of gold. If time is up and the little man hasn't eat the mushroom yet, the game is over.
10. There are 15 levels in this game.

4.9 Othello

Select "Othello".

Tap "1.New Game"



Operations:

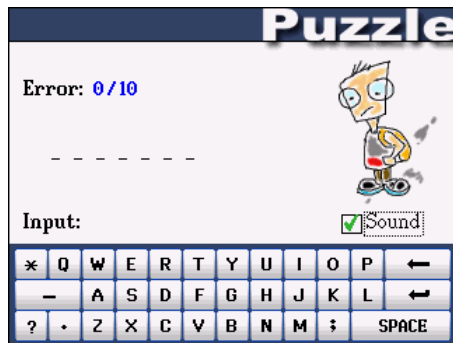
1. You hold the white chess and the unit holds the black chess. While chess plays first, the players take turns to place their chess pieces on the chessboard until every square are occupied.
2. Place a white chess piece on a square and make the black chess piece(s) positioned in the middle of your chess pieces, the black chess piece(s) will turn into white (yours). You win if your chess pieces occupy more squares at the end. And vice versa.
3. You can just put the chess pieces in the right positions.
4. Tap [F1 New] to start a new round. Tap [F2 Demo] to demonstrate the game, tap anywhere on the screen to stop the demo and start a new round. Tap [F3 Option] to

select a level. At the very beginning of a new round, if you tap [F4 Abort], it means you give up your chance to hold the white chess. Tap [F4 Abort] during the game is to give up this round and start a new round.

4.10 Puzzle

Select "Puzzle".

Tap "1.New Game"

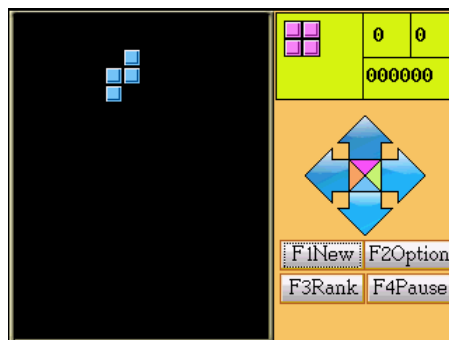


Operations:





1. The unit prepares an English word, you should input all the possible letters of this word. You win if you succeed to guess this word.
2. If the word contains the letter you input, that letter will appear in the correct position. If you input a wrong letter, it will be displayed on the bottom of the screen. If you input 10 wrong letters, you lose the game and the word will be displayed.

4.11 Tetris

Select "Tetris".



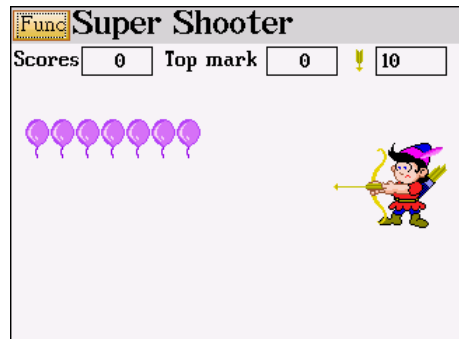
Operations:

1. The falling squares will be eliminated if they form a complete horizontal line. You lose the game when the blocks dumped high enough to touch the top.
2. The blocks fall down from the top, use the directional keys to change their direction, and also the speed of the falling block, or to rotate the block.
3. Hot-key introduction(same as direction key): : to move the block to the left, : to move the block to the right, : let the block speeding up when falling, : to rotate the block; tap [F1 New] to start the new game; tap [F2 Option] to select the speed and sound; tap [F3 Rank] to view the scores and ranking; tap [F4 Pause] to pause the game.

4.12 Super Shooter


Select "Super Shooter".

Tap "1.New Game"



Operations:

1. There are 4 levels in the game. In each level, the user must shoot all the moving targets to access the next level.
2. Tap once on the archer, an arrow will be set on the bow. Tap on the archer once again, the arrow will be shot when you lift the stylus.
3. There are 10 arrows in level 1, 8 in level 2, 6 in level 3, 4 in level 4. Any arrows left in each level can be used in the next level. Any left arrows in each level can be used in the next level.

4. If no more arrows left but still have some targets not been shot, you lose the game.
5. When you get 2500 scores you are one of the greatest Besta Archer.
6. Operations: tap  to select "New Game, Sound on/off or Pause".

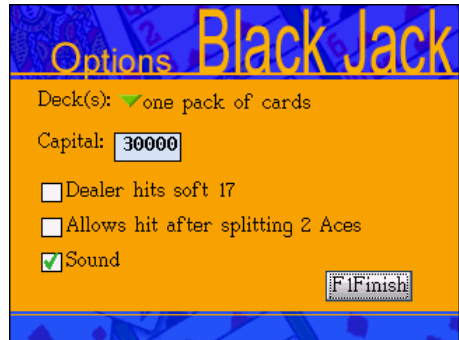
How will the points be counted?

- A. Level 1 - 30 points for each purple balloon.
- B. Level 2 - 50 points for each purple balloon, but lose 100 points if you shoot a blue balloon, because it is not the shooting target.
- C. Level 3 - 80 points for each butterfly.
- D. Level 4 - 50 points for outer target, 80 points for middle target and 130 points for inner target.

4.13 Black Jack

Select "21 Points".

Tap "1.New Game"



Operation rule as following:

Setting the number of Decks: one / Two / Three / Four.

Setting the capital.

Ticking the corresponding function.

Tap [F1Finish] to start games.



Operations:

The basic premise of the game is that you want to have a hand value that is closer to 21 than that of the dealer, without going over 21.

The value of a hand is simply the sum of the point counts of each card in the hand.

❖ An Ace can count as either 1 or 11, it's assumed to always have the value that makes the best hand.

❖ The cards from 2 through 9 are valued as indicated.

❖ The 10, Jack, Queen, and King are all valued at 10.

❖ A blackjack, or natural, is a total of 21 in your first two cards. A blackjack is therefore an Ace and any ten-valued card, with the additional requirement that these be your first 2 cards. You win if you have a blackjack, unless the dealer has a blackjack too.

1. The game starts from setting your bet. Tap [F1Deal] to start, 2 cards will be dealt to the players. If no one get the "Black Jack", the player has the right to choose [F2Hit] or [F3Stand], or even choose [F4Double] or [F5Split] when it appears.
2. **[F2Hit]:** If you are not satisfied with your current value, you can ask the dealer to "hit you" which means let him deal another card to you. "Hit" until you satisfies with your value, or until you "bust".

[F3Stand]: You stand if you don't want any cards more.

[F4Double]: If you think you will win without getting more than one card, you can double your bet. If your total value is higher than the dealer's after receiving the card, you win.


[F5Split]: If your starting hand contains two cards of the same type (i.e. two 9's) you can split them up into two new hands. You have to add an equal amount to your wager and get two more cards dealt forming two separate new starting hands.

3. When the dealer's first card is Ace, there will be a pop up to ask if you want an "Insurance" or not.

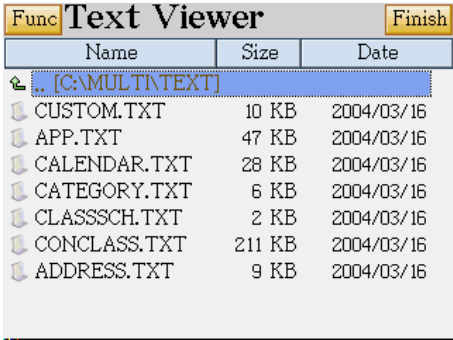
Insurance: Insurance is offered to the players if the dealer's up card is an Ace, to protect against dealer's Black Jack. You will have to pay half of your original bet and will get 2:1 odds when the dealer has a Black Jack. Unless you also have a black jack your original bet is lost.

4. The values of the cards in Black Jack from two to ten are at face value. Jacks, Queens and Kings count ten and the Ace counts eleven or one. The Ace always counts eleven except if your total exceeds 21 - then the value of the Ace is reduced to one.
5. The more the total of the card near 21 points the big chance to win. But it cannot over 21, otherwise it is "burst". If the dealer's and the player's total of the card is all less than 21, then whose is the bigger who is the winner.
6. Getting a start total of 21 is called a Black Jack. Black Jack is the biggest winner.
7. If the dealer's up card is an Ace, he need to check for a dealer black jack first and then continues the game. Exceeding a total of 21, and already counting all the aces you have in your hand as one, means you are bust and lose your bet.
8. **Soft 17** : A hand that contains an Ace is called a "soft" total if the Ace can be counted as either 1 or 11 without the total going over 21. For example (Ace, 6) is a soft 17. The hand (Ace, 6, 10) on the other hand is a "hard 17", since now the Ace must be counted as only 1, again because counting it as 11 would make the hand go over 21.

5. Text Viewer

Tap  to access the Text Viewer in the MULTI main menu.

All Downloaded files will be displayed in the corresponding folder.



The screenshot shows the Text Viewer application interface. At the top, there are 'Func' and 'Finish' buttons. Below them is a table with three columns: 'Name', 'Size', and 'Date'. The table lists several text files:

Name	Size	Date
CUSTOM.TXT	10 KB	2004/03/16
APP.TXT	47 KB	2004/03/16
CALENDAR.TXT	28 KB	2004/03/16
CATEGORY.TXT	6 KB	2004/03/16
CLASSSCH.TXT	2 KB	2004/03/16
CONCLASS.TXT	211 KB	2004/03/16
ADDRESS.TXT	9 KB	2004/03/16

Tap to open a file.

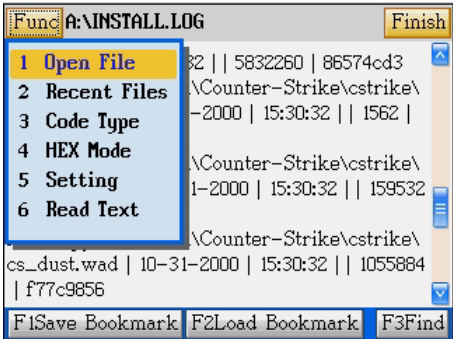
Tap .

1. Open file
2. Open recent files
3. Select code type
4. Select HEX mode
5. Set the font type / color / background color.
6. Read Text.

Tap [F1Save Bookmark] to save bookmark.

Tap [F2Load Mark] to load bookmark

Tap [F3Find] to search the content you want.



The screenshot shows the Text Viewer application interface with a menu open. The menu items are:

- 1 Open File
- 2 Recent Files
- 3 Code Type
- 4 HEX Mode
- 5 Setting
- 6 Read Text

Below the menu, the content of the file 'A:\INSTALL.LOG' is displayed. The content is:

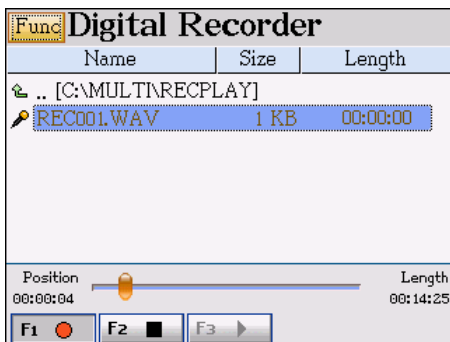
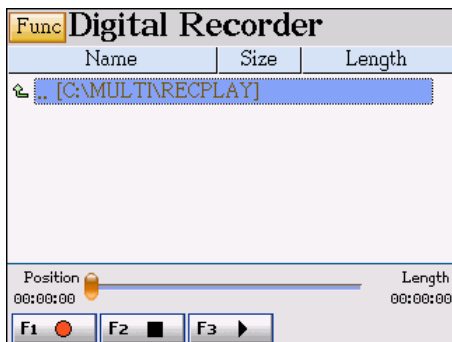
```
82 || 5832260 | 86574cd3  
\Counter-Strike\cstrike\  
-2000 | 15:30:32 || 1562 |  
\Counter-Strike\cstrike\  
1-2000 | 15:30:32 || 159532  
\Counter-Strike\cstrike\  
cs_dust.wad | 10-31-2000 | 15:30:32 || 1055884  
| f77c9856
```

At the bottom, there are three buttons: 'F1Save Bookmark', 'F2Load Bookmark', and 'F3Find'.


6. Digital Voice Recorder

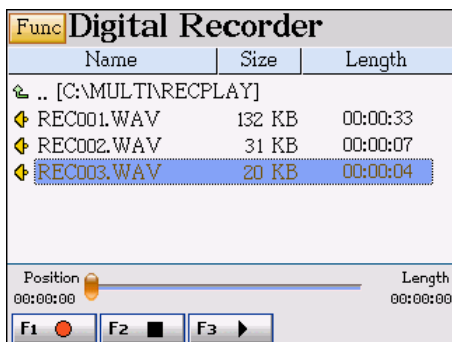
Tap  to access the Digital Voice Recorder in the MULTI main menu.

Tap  to play, delete or rename a file. Tap  to record.




Index screen

Select "REC001.WAV", tap  to play.

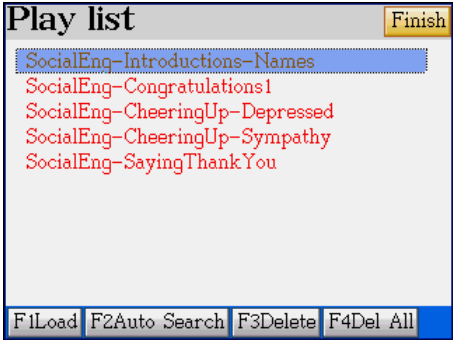


If the button [F1/ F2/ F3] turns to gray, it means that the present function is not available.









7. Video Learning

Tap  to access the Video Learning in the MULTI main menu.

All Downloaded files will be displayed in the corresponding folder.



Tap to playing the downloaded file.

-  : Replay your voice
-  : Follow the reading if it is available
-  : Display or hide the caption
-  : Browse the play list
-  : Play the previous sentence or file
-  : Play the next sentence or file
-  : Play or pause
-  : Stop



Chapter 7. Downloadable Mathematical Titles

1. Statistical Calculator

- Four fundamental arithmetical operations and functions
- Allows to perform the following calculation or regression models: uniform statistic, linear regression, logarithmic regression, index (exponential) regression and power regression based on the entered values
- Stores and analyzes up to 99 data entries

2. Formula Calculator

- Provides common mathematical formulae of area, volume, series, probability, geometry and triangle
- Calculates formulae depending on the entered variables

3. Graphic Calculator

- Graphics of functional equations and parametric equations
- Display up to four function graphs simultaneously
- Provide general plotting and shade plotting
- Allows exploring the graphs with zoom, trace and inequality

4. Multi-lines Calculator

- Four fundamental arithmetical operations
- Saves every entered value automatically
- Stores up to 99 entries.

5. Scientific Calculator

- Four fundamental arithmetical operations, trigonometric functions, logarithm, natural logarithm, Boolean operations
- Storage functions: [MR], [MC], [M+], [M-]
- Conversions computation among binary, octonary, decimal and hexadecimal systems
- Other calculations: percentage, square root, square, y^{th} power

6. Basic Equation

- Provides two kinds of equations: Advanced Equation and Multi Equation.

1. Statistical Calculator

Tap the downloaded file to access the statistical calculator.

[F1Func]: To select a trigonometric function.

[F2Calc]: To select a calculation type.

(Uniform Statistic, Linear regression, Logarithm regression, Index regression, Power regression)

[F3Sort]: To select a sorting type (rise or fall in X, rise or fall in Y)

[F5Clear]: To delete all statistical data.

For uniform statistic calculation, Y_i is the total number (q'ty) of X_i . For example, 10 people got 60 points, means that (X_i, Y_i) is (60,10).

Ex. Mathematics exam scores of a class of 40 students are as follow:

Score	the number of students	score	the number of students
60	7	80	3
65	2	85	8
70	4	90	6
75	5	100	5

Input all data

Statistical Calculator		
i	X_i	Y_i
00		
01		
02		
03		
04		
F1Func	F2Calc	F3Sort
		F5Clear

Statistical Calculator		
i	X_i	Y_i
04	80	3
05	85	8
06	90	6
07	100	5
08		
F1Func	F2Calc	F3Sort
		F5Clear

Tap [F2Calc], select “1.Uniform Statistic”.

Note:

$$n=7+2+4+5+3+8+6+5=40$$

$$X=60*7+65*2+70*4+75*5+80*3+85*8+$$

$$90*6+100*5=3165$$

$$S_x = \sqrt{\frac{1}{n-1} \sum_{i=1}^n (x_i - \bar{x})^2}$$

$$S_y = \sqrt{\frac{1}{n} \sum_{i=1}^n (y_i - \bar{y})^2}$$

Sorting Type:

1. Ascending sort from X-Sorts X in ascending order.
2. Descending sort from X-Sorts X in descending order.
3. Ascending sort from Y-Sorts Y in ascending order.
4. Descending sort from Y-Sorts Y in descending order.

The Table of regression:

Types of regression	Formulae	Range of values
Linear	$y=a+bx$	
Logarithm	$y=a+b \ln x$	X>0
Index (Exponential)	$y=ab^x$	Y>0
Power	$y=ax^b$	X>0, Y>0

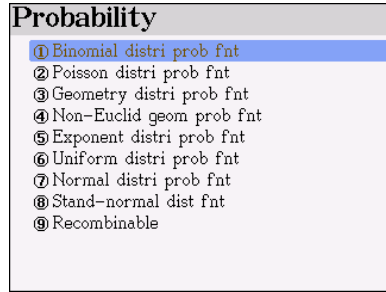
2. Formula Calculator

Tap the downloaded file to access the formula calculator.


Tap to select the first category, and then select the sub-category.

Ex. Select “4.Probability”. Steps:

Tap to access “4. Probability” under the formula calculator menu.

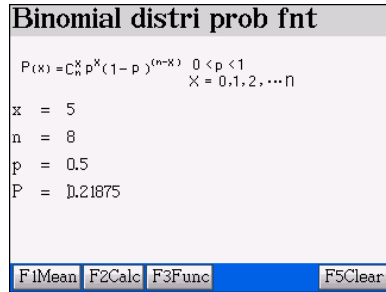


Select “1.Binomial distri prob Fnt”

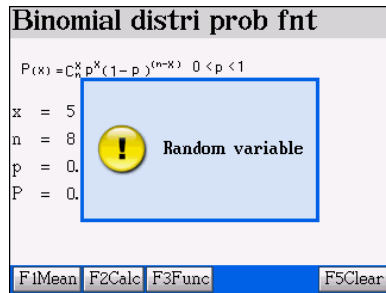
Input [5], [8] [0.5](Press  key to input next value).

Tap [F2Calc]

Tap [F5Clear] to clear all values




Tap any number [5], then tap [F2Mean] to display the mean of the field's letter(x)




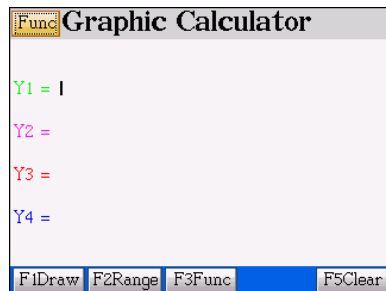
3.Graphic Calculator

Tap the downloaded file to access the graphic calculator.

Tap  to select “General plotting” or “Shade plotting”.

Ex. Y1=sin(x). Steps:

1. Tap  to select “1.General Plotting”.



2. Tap [F3Func], select [sin]

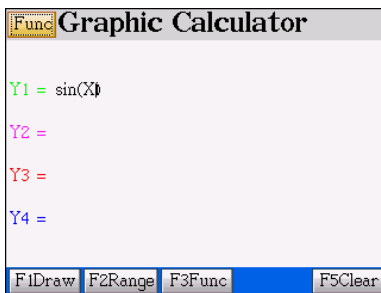
3. Input [x](tap [C] key)

[F1Draw]: To draw the functional graphic.

[F2Range]: To view the default range of values.

[F3Func]: To select the function type.

[F5Clear]: To delete all values.

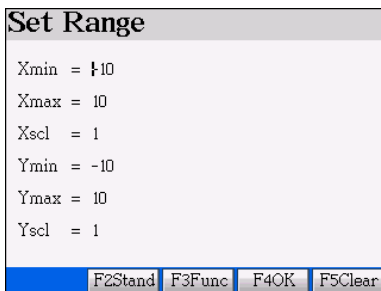


Tap [F2Range] to view the default range of values.

* Tap [F2Stand] to re-set the range of coordinates as the standard values.

* Tap [F4OK] to confirm.

* Tap [F5Clear] to delete all values.

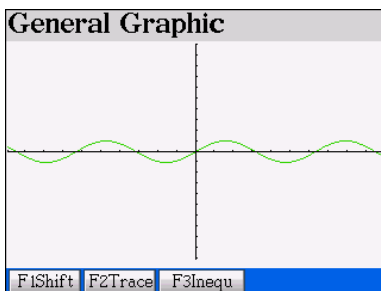


Tap [F1Draw] to draw the Graphic.

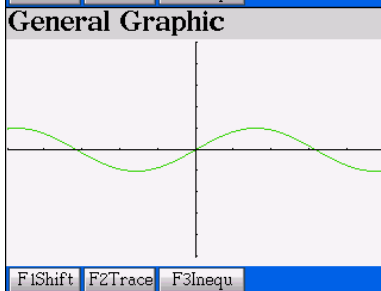
* Tap [F1Shift] to access transforming.

* Tap [F2Trace] to select tracing method.

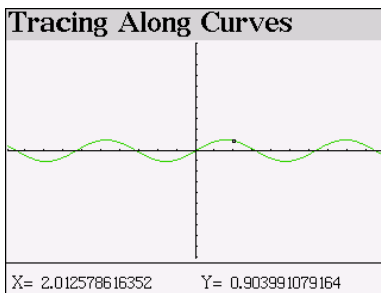
* Tap [F3 Inequ] to access in equation calculation.



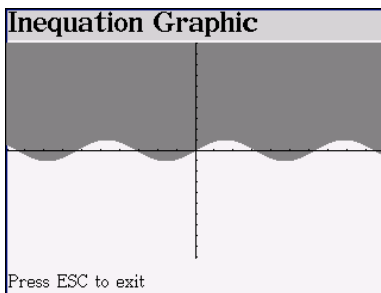
Tap [F1Shift] double tap "2.Zoom In (Magnifying)" Press [Enter] again



Tap [F2Trace] tap “1. Tracing Along Curves” tap any dot along the curve to display the coordinate number

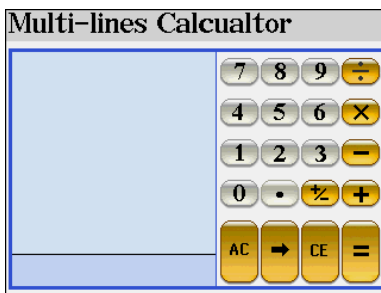


Tap [F3Inequ] tap “Y1” tap “1.Y>=f(X)”.



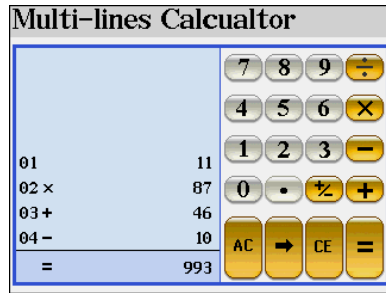
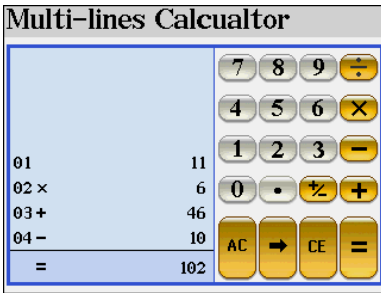
4. Multi-lines Calculator

Tap the downloaded item to access the Multi-lines Calculator.



Tap [11][×][6][+][46][-][10][=].

Tap the line to modified. Ex. Tap the second line [02]; Tap [87]; Tap [=].



Note:

When the result is over 9999999999, an error message shall appear.

5.Scientific Calculator

Tap the downloaded item to access the Scientific Calculator.

Ex. How to change counting system and angular unit?

Tap **DEC** to shift among **DEC** / **HEX** / **OCT** / **BIN**

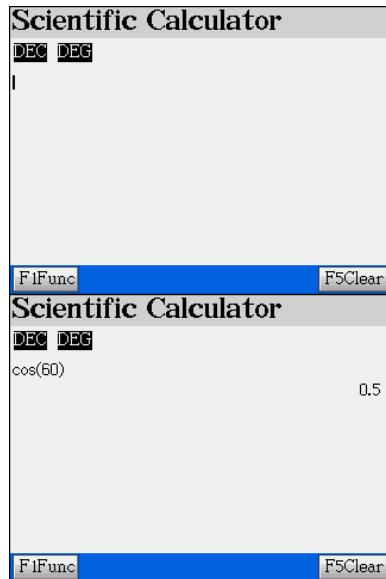
Tap **DEG** to shift among **DEG** / **RAD** / **GRAD**

Ex: $\cos 60 = ?$ Steps as following:

1. Tap [F1Func] to select function type "cos".
2. Input 60 in brackets.
3. Then press **ENTER** to confirm.


Ex: $\sinh(30) = ?$ Steps as following:

1. Tap [F1Func] to select "sinh".
2. Input 30 in brackets.




3. Then press  to confirm.

Ex: $20 \text{AND} 55 = ?$ Steps as following:


1. Input [20]
 2. Input AND ([SHIFT]+[Y]).
 3. Input 55, press .
- ($10100 \text{AND} 11011 = 10100$)

Ex: How to convert minutes and seconds to degrees?

Ex: $15^\circ 30' 20'' = ?$ Steps as following:

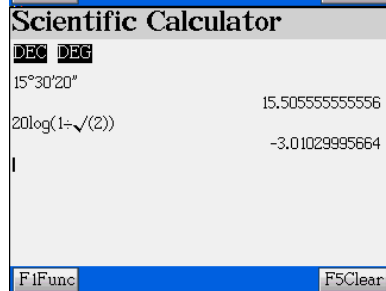
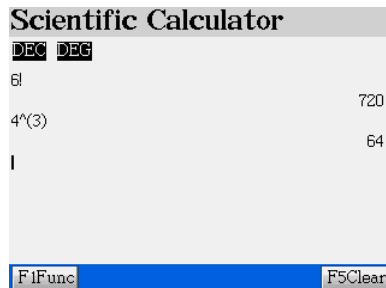
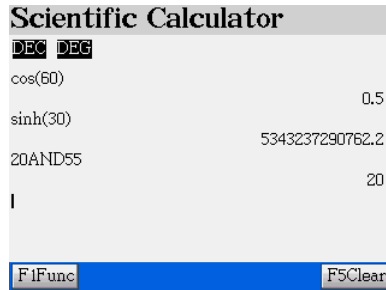
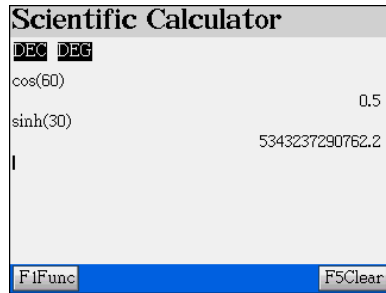
1. Input [15] tap [T]
2. Input [30] tap [T]
3. Input [20] tap [T]
4. Press .

Ex: Calculate $20 \log(1/\sqrt{2}) = ?$ Steps as following:

1. Input [20] tap [A]
2. Input [1] tap [Y]
3. Tap [D] input [2]
4. Press .


Ex: $6! = ?$ Steps as following:

1. Input [6]
2. Input ! ([SHIFT]+[V])

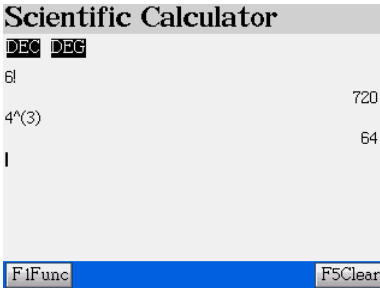
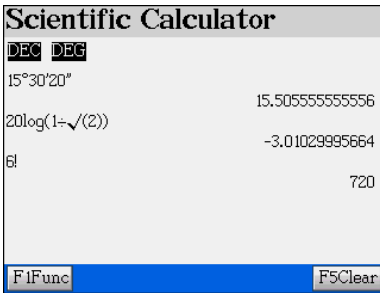


3. Press 

Ex: $4^3=?$ Steps as following:

1. Input [4]
2. Input ^ ([SHIFT]+[F])
3. Input [3]
4. Press 


Tap [F5Clear] to delete all data.

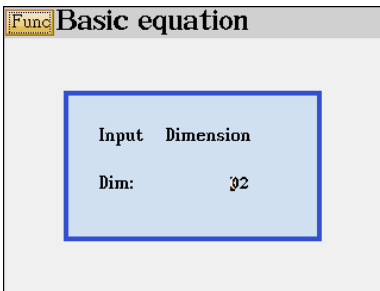


Note: Hexadecimal, octonary and binary mode do not support scientific symbols.

6. Basic Equation


Tap the downloaded item to access the Basic Equation.

Tap  to select two kinds of equations: Advanced Equation and Multi Equation.




6.1 Advanced Equation Operation

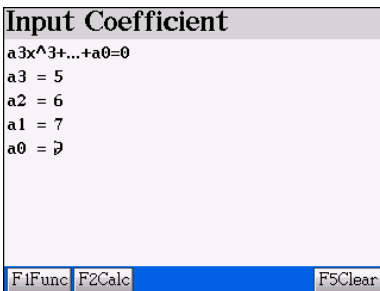
Step as following:

1. Input dimension.
2. Input coefficient.
3. Press  or tap [F2Calc].


Ex: Input dimension 03.

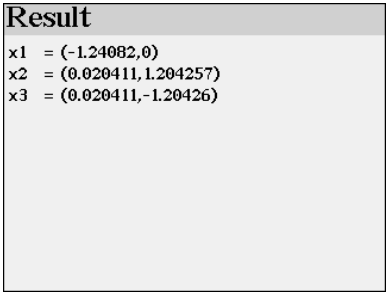
Press 

Input coefficient [5] [6] [7] [9]. (Press )



key to input next value).


Press  or tap [F2Calc] to get result.

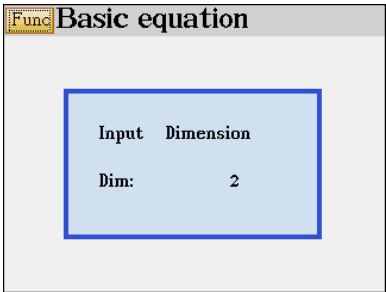


Tap [F5Clear] to delete all input values.



6.2 Multi Equation

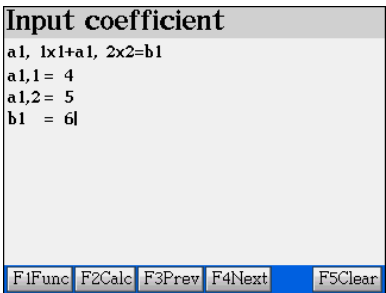
Step as following:


1. Input dimension.
2. Input coefficient.
3. Press  or tap [F2Calc].



Ex: Select dimension 2.

Press 
Input coefficient [4] [5] [6]. (Press  key to input next value).




Tap [F4Next] to input coefficient [5] [6] [8]
(Press  key to input next value).

Input coefficient

a1, 1x1+a1, 2x2=b1
a2,1= 5
a2,2= 6
b2 = 8|


F1Func F2Calc F3Prev F4Next F5Clear

Press  or tap [F2Calc] to get result.

Tap [F5Clear] to delete all input values.

Result

X1 = 4
X2 = -2

Note: Press  to return to the previous screen.

Chapter 8. Introduction to the PC Link

PC Link is a useful tool for personal data backup and management as well as data downloading from your PC to the unit. Personal data means the data you input in Name Cards, Memorandum, To Do List, Schedule, Curriculum Schedule, Anniversary, Income & Expenses.

This CDROM include 3 parts: PCLink Software, USB Driver for Windows 98 & English user's manual (PDF)

Insert the CDROM into the CDROM-drive of your PC. If the OS of your PC is Windows 98, click "USB Driver" to install the USB driver first.



USB Driver: Installation of USB driver, please refer to page 2-4.

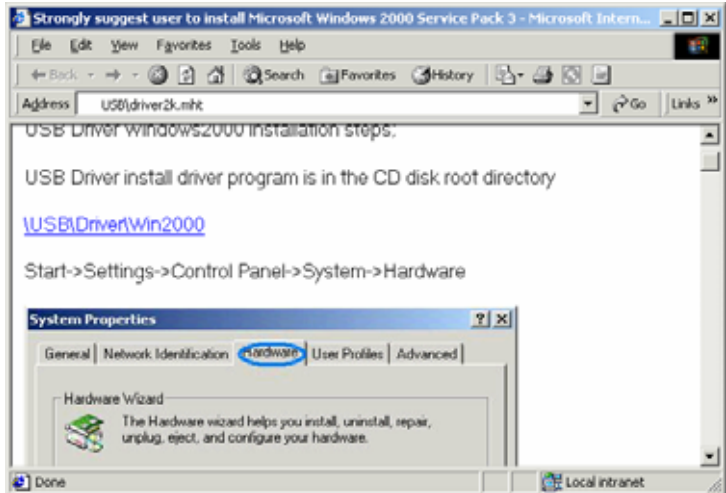
PCLink: Installation of PCLink program, please refer to page 5-18.

System Requirement: Windows 98/2000/ME/XP on Pentium(R) 450MHz or Above

The English user's manual is in PDF format, please check the files in this CDROM with "File Explorer" of your PC.

Note:

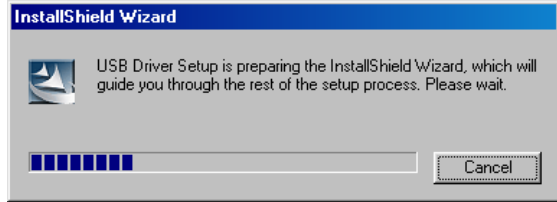
- A. If the OS of your PC is Windows 2000, please install Window 2000 Service Pack 3 (or later version) program provided by Microsoft. After installing Service Pack 3 (or later version) program, you do not have to install USB driver program, otherwise you should install USB Driver program manually. Please click "USB Driver"→"USB Driver Windows 2000 readme" to follow the instructions step by step.**



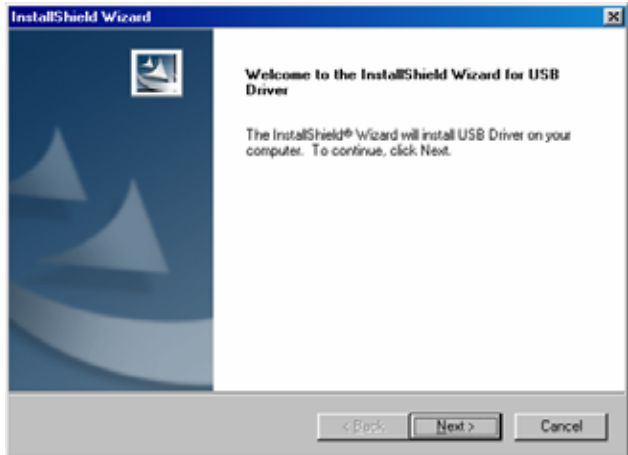
- B. If the OS of your PC is Windows 2000, please use super administrator (Administrator) to login.**
- C. If Windows 98 user fails to install USB driver from the CDROM, please click “USB Driver”→“USB Driver Windows 98 readme” to install it step by step manually.**
- D. If you are user of WindowsXP or WindowsMe, your operation system has been already been USB-supported, you do not have to install it again.**
- E. If you are using Windows95 or WindowsNT, the operation system doesn't support USB. Please upgrade your OS to Windows 98, 2000, ME, XP.**

1. To Install USB Driver Program

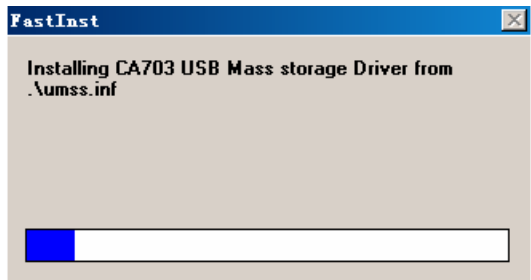
- A. Insert the CDROM into the CDROM driver of your PC.
- B. If your OS is Windows 98, click “USB Driver” “USB Driver Windows 98” to install the driver.
- C. Prepare for InstallShield Wizard.



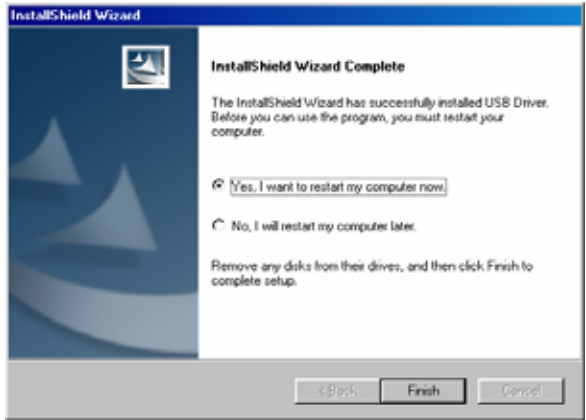
- D. Click “Next”.



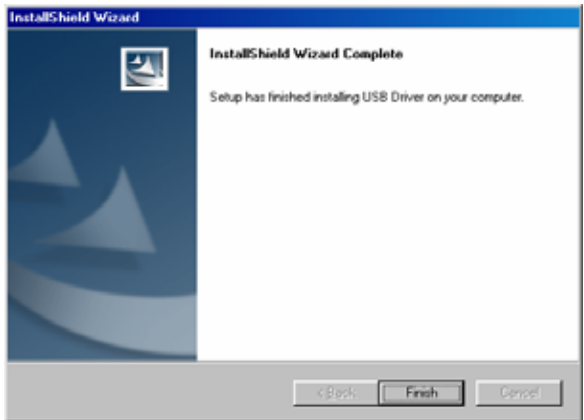
- E. Start installing USB driver.



- F. After a short while, the following screen will be displayed. Please select restarting computer and click “Finish”.



- G. Click “Finish” to finish USB driver program installing.



2. Introduction of PCLink

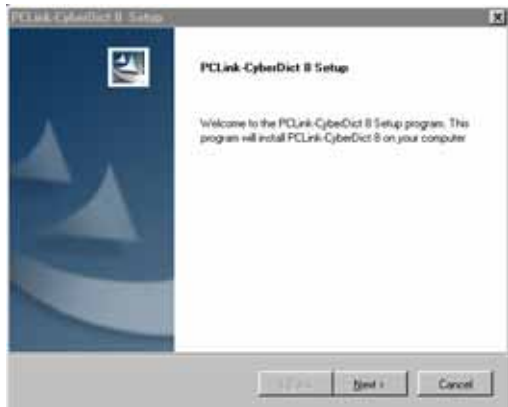
PCLink is a useful software for you to transfer data between CyberDict 8 and your PC through USB cable. You can backup or restore your personal data and download MP3 Songs, Video Learning titles, Animated Grammar titles, English Proficiency Test, Interactive English, pictures, eBooks, text files from PC, as well as import/export personal information of the device and MS Outlook. This software allows you to manage all the personal data individually, such as Name Cards, Memorandum, To Do List, Schedule, Curriculum Schedule, Anniversary, Income & Expenses.

2.1 Installation

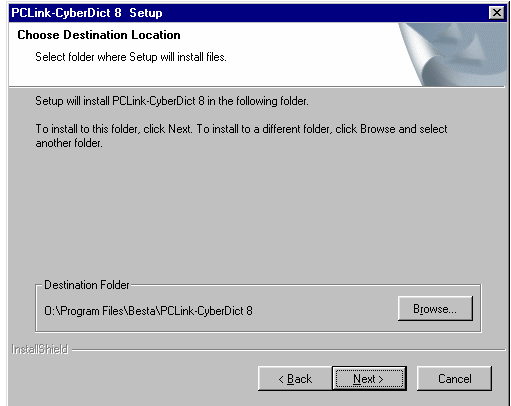
- A. Insert CDROM into the CDROM drive of your PC, click “PCLink ” to start installing PCLink program.



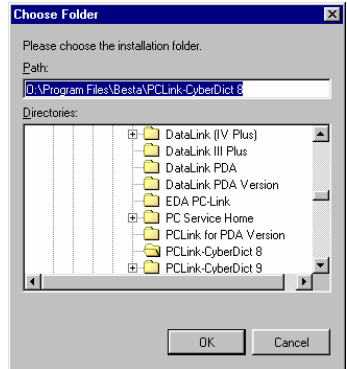
- B. Click “Next”.



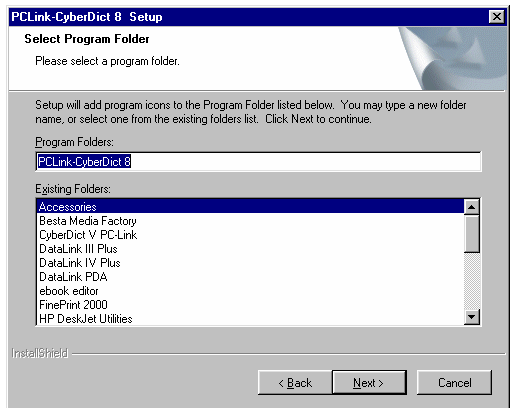
C. Click “Browse...” to select the “Destination Folder”.



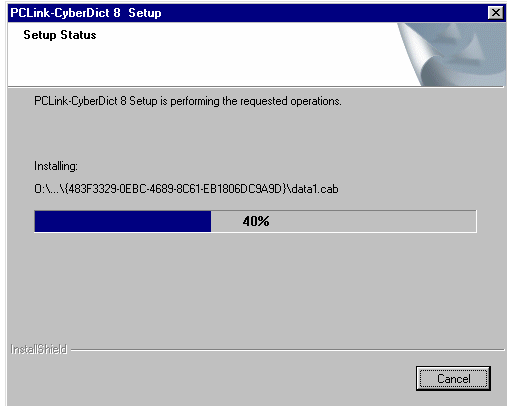
D. After the folder location is selected, click “OK”.



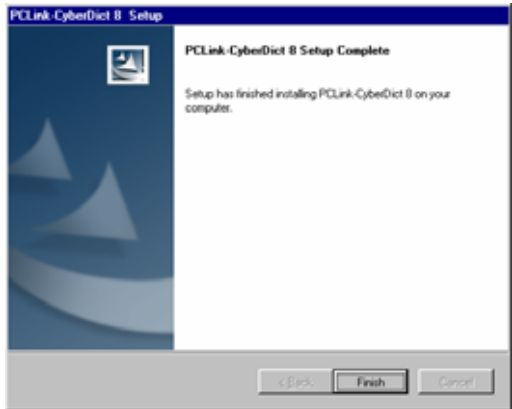
E. Click “Next” to continue.



F. The InstallShield Wizard begins to duplicate files to your computer.

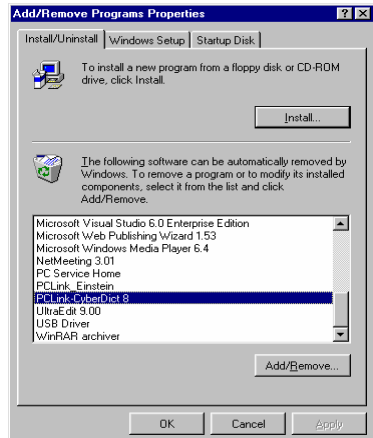


G. Install successfully, click “Finish” and restart your computer to finish installing.




Note:

- You need to restart your computer if this is the first time you install PCLink software.
- If you want to uninstall PCLink program, please do it as below. “Start” “Control Panel” “Add /Remove Programs”.



2.2 Getting Start

Click “Start” menu “Programs” “PCLink-CyberDict8” “PCLink-CyberDict8” or click the shortcut desktop  to open PCLink program.

Note:

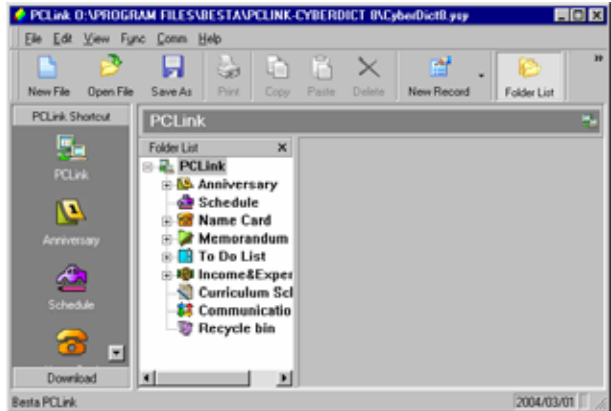
To optimize the displaying of PCLink software, please set windows to display in smaller Font type.

(“Start” “Setting”

“Control Panel”

“Settings” “Advanced”

“Font size”)



2.3 Communication

Data communication is the essential function of this PCLink software, including synchronization, download, backup and restore.



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- **Synchronization** : This function enables you to synchronize the modified PIM data of the PCLink software and the unit.

Note: *Only the latest data will be kept. If you want to keep you old data, please rename the file or copy the data to somewhere else.*

A. Click [Communication] → [Synchronization] on the tool bar.

- B. Waiting for the Synchronization.
- C. Click [OK].

- **Download :** To download new applications, eBook from PC or from CyberDict Technology website, and then transfer them to your CyberDict 8.
 - A. Click [Communication]→ [Download] on the tool bar.
 - B. Click [Dir Tree] to select a directory contains the downloaded titles.
 - C. Click [Position: The Unit] to select the final destination of downloaded titles, either saved in the unit or in the Card. (Note: The Card (SMC) is an optional accessory.) The files of the unit or the card will be displayed here.
 - D. Click again on the highlighted title to send it to the unit.
 - E. Click right button on the mouse, a list of view mode “Large Icon, Small Icon, List and Details will be displayed. You can also select “Download Titles” to send the title(s) to the unit; or click “Preview e-Book” if it is an e-Book.
 - F. You can also double click on the title to send it to the unit.
 - G. Highlighted a title, you can preview the file information in “File Preview”.

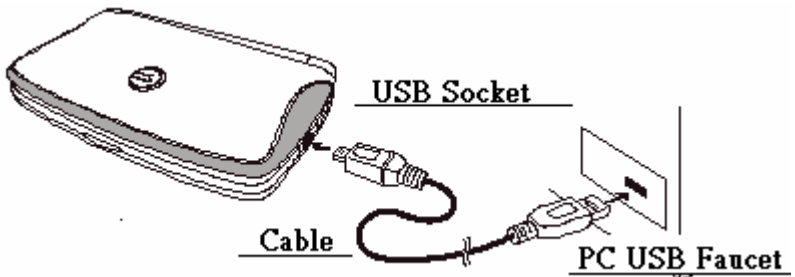
- **Backup:** This function enables you to backup the personal data inside the unit into your computer. If you encounter any data loss from the unit, you can use the backup copy and restore them into the unit.
 - A. Click [Communication]→ [Backup] on the tool bar.
 - B. Give a file name (the file type is *.PBK) to the backup file on the dialogue box, and then click [SAVE].
 - C. Waiting for a while for the data back up.

- **Restore:** If you had already backup the personal data, in case you lost the data resulted from resetting the unit carelessly, this function will help you to recover your data from the backup file.
 - A. Click [Communication]→ [Backup] on the tool bar.
 - B. Reset the unit and clear all user data, click [Y].
 - C. Select the backup file you saved (*.PBK), and then click “Open”
 - D. Waiting for backup file restoring.
 - E. Click [OK]

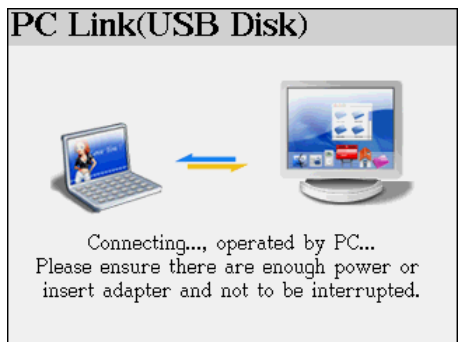
Note: PIM (Personal Information Management) means the data you input in Name Cards, Memorandum, To Do List, Schedule, Curriculum Schedule, Anniversary, Income & Expenses.

Some steps for downloading data from PC-Link

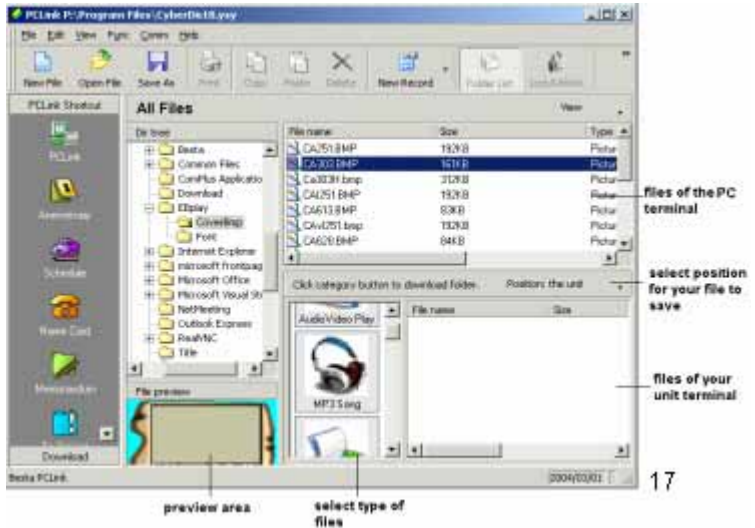
- A. Connect USB faucets of PC and USB socket of the unit with the USB cable which comes with this unit.



- C. When the USB cable is inserted, the unit will automatically display as the following screen. (You can also select “F4SYS” “2Information Communication” to access this screen).

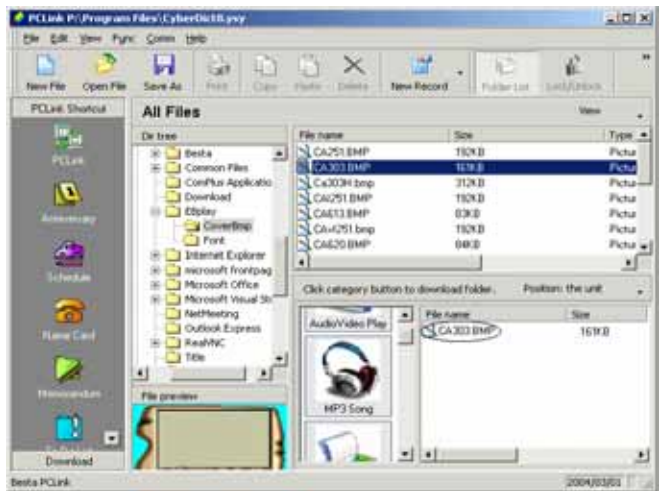


- D. Click “Communication” in PCLink, then tap “Download”.
- E. Select file type and which drive to be saved. (Either the unit or Card)



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F. Double click the file of the PC end to download it to the device.



Note:

- A. When the data is under transmitting, please do not remove the cable, close the PCLink program or switch off the power, any interruption of communicating may cause data lose and system problems.**
- B. The file downloaded from the PC will be placed under certain**

categories, either in drive C: (the unit) or drive A (the SMC)

Video Learning — [MEDIA]

MP3 Song — [MP3]

Animated Grammar — [STUDY\ANIGRAM]

English Proficiency Test — [STUDY\ENGTEST]

Interactive English — [STUDY\EXENGLIS]

Picture — [DICM]

e-Book — [MULTI\EBOOK]

Text Viewer — [MULTI\TEXT]

Games World — [MULTI\GAME]

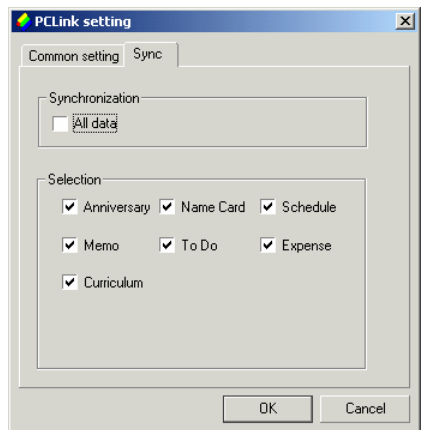
Advanced Calculation Software — [MULTI\TOOL]

C. There are various Video Learning titles, Animated Grammar, English Proficiency Test, Interactive English, Games, Pictures and advanced calculation software in the CDROM for you to download. For more information and download titles, please visit our website:

www.cyberdict.com.

D. If you want to delete data from PC or from the unit, please do not “Synchronize” them , otherwise it will corrupt all the data in PC or the device.

➤ Select “Setting” from the function bar to set details about synchronization, as shown in picture.



2.4 Send / Receive Data

You can send and receive data between the unit and your computer. Be sure the unit and your computer have already connected with a USB cable that comes with this unit.

Send data to the Unit:

- A. The unit: Select [F4SYS] → [Information Communication]
- B. Computer side: Select the data you want to send, and then select [Send to Unit] on the tool bar.
- C. The data will be sent from the computer to the unit.

Receive data from the Unit:

- A. The unit: Select [F4SYS] → [Information Communication]
- B. Computer side: Select [Receive from Unit] on the tool bar, select the data to be received from the unit from the pop up window, then click [Receive from Unit] to confirm.
- C. The data will be sent from the unit to PC.

2.5 Data Management

You are allowed to manage / edit PIM data and customize field name or category in PC-Link software.

2.5.1 Edit Data

Please refer to an example of Name Card.

- A. Click "File" menu "New add record" "Name Card", you can add a new Name Card data on the editing screen
- B. Double click a name card to edit the content.
- C. Select one or more entries to copy, paste or delete.

Note:

Click on the blank area of "Portrait" to select BMP or JPG file as Name Card portrait.

2.5.2 Customize Field Name

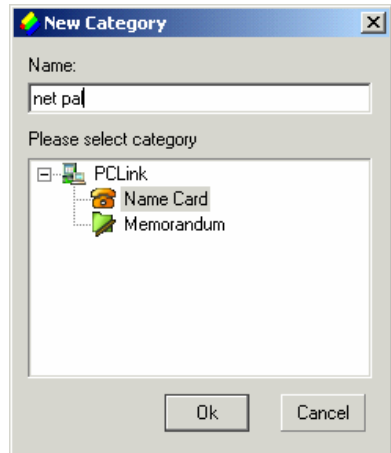
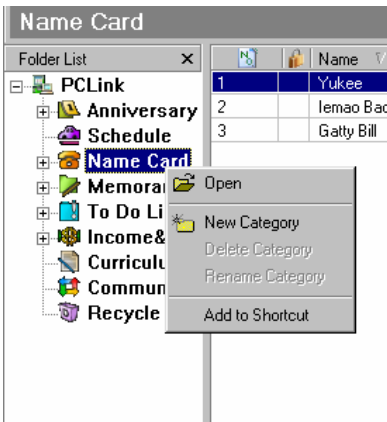
Click the button “Customize Field Name” to add customize fields in addition to the default fields. Up to 6 fields can be added, the field type are text, date, time, integer decimal, currency or check box.

2.5.3 New Category

In Name Card and Memorandum, you can add new category. Up to 8 categories can be added (including the default categories).

Right click on the “file folder” of Name Card or Memorandum:

- A. Select “New Category” to add new category.
- B. Right click on the title of the new category, select “Delete Category” to delete the new added category (the default categories can’t be deleted)
- C. Select “Rename Category” to rename the selected category.



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Note:

- * *The data can not be copied and pasted among different functions.*
- * *You are not allowed to customize field names in Income&Expense and Curriculum Schedule.*
- * *Maximum length of customize field /category is 16 characters.*

2.6 Importing / Exporting Data

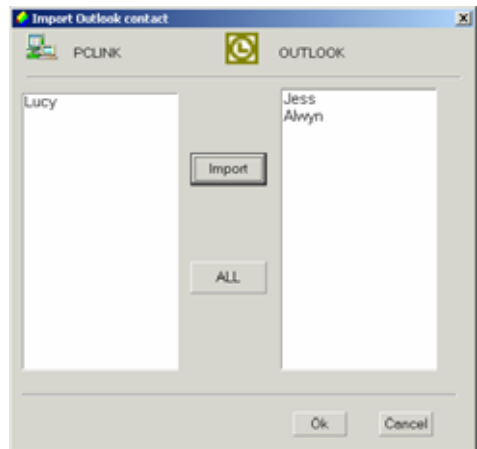
This device supports certain applications from the Microsoft Outlook, the imported or exported files have their corresponding files in your PCLink software.

You can import/export corresponding data of Schedule, Name Card, Memorandum, To Do List from/to Outlook Calendar, Contract, Notes and Task of PC, and allowed to import/export vCard (*.VCF) and import text file (*.TXT) of Name Card.

2.6.1 Import Data

Ex. Import Outlook Contacts to PCLink Name Card

- Click “File” menu “Import” ”Import Outlook Contact...”
- After a while it displays “Import Outlook Contact” window, select data from the right side box to be imported, click “Import”, then click “OK” to import it to the PCLink end.



Note:

The operation of exporting data is similar with Importing data. (Click “File” menu “Export” select export type).

2.6.2 Import Name Card Text File

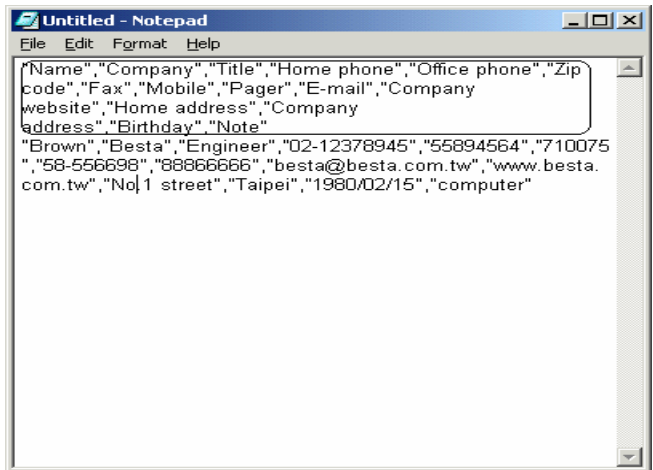
The following rule for Name Card text file (*.TXT) is very important, as shown in the following picture.

The column with underline must contain data, and the software can only accept TEXT file format below, other text files format are invalid.

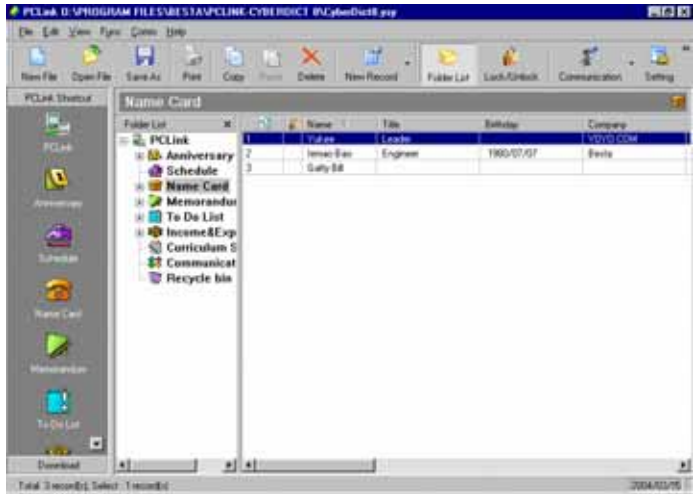
To divide data into paragraphs.

The first paragraph (in frame) is field essential information; the second paragraph is the content of data.

The field content is marked by quotation mark, data field are divided by comma (have no space). The quotation mark is also needed to be kept even if there is no information in it.



Click “File” menu → “Import” → “Import Text File”, and then select TXT file to be imported, click “Open” to import text file to the Name Card, as shown in the following picture.



2.7 Help

When you have questions and difficulties in operation, click “Help” menu → “Help” to see the online help.

2.8 About PCLink

Click “Help” menu → “About PCLink...” to view the copyright information.

