

➤ Power System

- * If the screen remains blank after pressing [on/off], please follow the steps listed below:
 - a. Please check if batteries are securely in place.
 - b. Adjust the contrast control to adjust the screen contrast for optimal screen viewing.
- * Please remove the main batteries to avoid leakage and damage to the unit whenever the unit is not used over an extended period of time.
- * Please use the rechargeable NiH battery pack that comes with the device.

➤ Data Storage

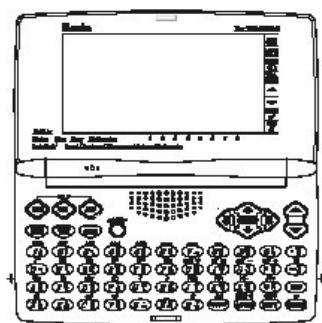
- * All important data should be copied onto separate permanent printed records. Any data loss caused by consumer (improper use, maintenance, battery replacement) is not covered by warranty.

➤ Handwriting Recognition Operation

- * To avoid scratching on the screen, use the stylus that comes with this device only.
- * Cleaning the screen lightly with a dry and soft cloth. Do not use volatile liquids.

➤ Warning

- * The unit is not waterproof, please keep it away from any liquid.
- * The screen may crack if the unit is dropped.
- * Some repair charge will be collected when the defect is caused by the user, even if the unit is still under warranty.

Keyboard Layout**Input System****➤ Inputting English**

- * Press [Thai/Eng] to shift to English input mode; then enter English letters.
- * Press [Shift] before inputting an English letter to shift it to upper/ lower case.

➤ Inputting Special Symbols

- * In the English input mode, press [Mark] key to select the special symbols.

➤ Inputting Thai

- * Press [Thai/Eng] to switch to the Thai input mode.

1. English and Thai Dictionary

- * General vocabulary with clear Thai definitions.
- * **Input type:** smart input
- * **Search method:** Wildcard search -- replace the unknown letter(s) with "?" or " *".
- * Secondary searches -- Spelling check, nearest word and user's dictionary.
- * Provides example, grammar, synonyms, antonyms and phrases
- * Allows cross-searching among Eng -Thai Dictionary, Thai-Eng Dictionary and Longman Dictionary.
- * English pronunciation for headword.



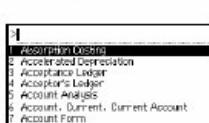
2. Thai and English Dictionary

- * General vocabulary with clear English definition.
- * Allows cross-searching among Eng -Thai Dictionary, Thai-Eng Dictionary and Longman Dictionary.
- * English pronunciation for highlighted words.



6. Management Science Dictionary

- * Contains seven dictionaries: Accounting dictionary, Banking dictionary, Com-merce dictionary, Economic dictionary, Finance dictionary, Management dictionary and Marketing dictionary.
- * English terms with Thai definitions.
- * English pronunciation..
- * Allows cross-searching among Eng -Thai Dictionary, Thai-Eng Dictionary and Longman Dictionary.



7. Legal Dictionary

- * Provides Legal Eng -Thai Dictionary and Legal Thai-Eng Dictionary.
- * English pronunciation.
- * Allows cross-searching among Eng -Thai Dictionary, Thai - Eng Dictionary and Longman Dictionary.



3. Longman English Dictionary

- * General vocabulary with English definitions.
- * Smart input.
- * Wildcard search, cross search.
- * Pronunciation for English headword and highlighted word.



4. Idioms and Phrases Dictionary

- * English idioms and phrases with Thai definitions
- * English pronunciation.
- * Allows cross-searching among Eng -Thai Dictionary, Thai-Eng Dictionary and Longman Dictionary.



5. Engineering Dictionary

- * English words with Thai definitions.
- * English pronunciation.
- * Allows cross-searching among Eng -Thai Dictionary, Thai-Eng Dictionary and Longman Dictionary.



8. Abbreviation Dictionary

- * English terms with English definition.
- * English pronunciation.
- * Allows cross-searching among Eng -Thai Dictionary and Longman Dictionary.



9. Homonym Dictionary

- * English words with English homonyms.
- * English pronunciation.
- * Allows cross-searching among Eng - Thai Dictionary and Longman Dictionary.



A. Useful Vocabularies

- * Contains 10 categories and 74 subcategories.
- * Useful vocabularies in both English and Thai.
- * English pronunciation for highlighted word.
- * Allows cross-searching among Eng -Thai Dictionary, Thai-Eng Dictionary and Longman Dictionary.



B. TOEFL and Revision Dictionary

- * Tests vocabularies from Eng –Thai Dictionary and Longman Dictionary.
- * Provides four exercises: learning, review&test, recalling and practice.
- * Time counting and answer revision.

**C. Dictionary Appendix**

*

(Please complete features
in this unit.)



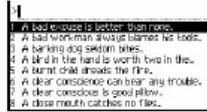
1. Travel Dialogues

- * Contains 10 main themes and 46 situations, altogether 719 sentences in nine languages
- * Allows cross-searching among Thai-Eng Dictionary, Eng-Thai Dictionary and Longman Dictionary.
- * English, Chinese and Japanese pronunciations.



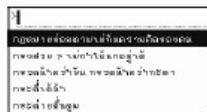
2. English Proverbs

- * English proverb with Thai definitions.
- * Allows cross-searching among Thai-English Dictionary, Eng-Thai Dictionary and Longman Dictionary.
- * English pronunciation for the whole proverbs.



3. Thai Proverbs

- * Thai proverbs with English definitions.
- * Allows cross-searching among Thai-Eng Dictionary, Eng-Thai Dictionary and Longman Dictionary.
- * English pronunciation.



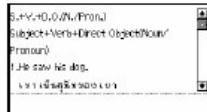
7. Adjectives

- * Allows cross-searching among Thai-Eng Dictionary, Eng-Thai Dictionary and Longman Dictionary.
- * Thai definition.
- * English Pronunciation.



8. Verb Patterns

- * Contains 27 verb patterns.
- * Provides several examples in English and Thai for each pattern.
- * Allows cross-searching among Thai-Eng Dictionary, Eng-Thai Dictionary and Longman Dictionary.



9. English Sentence Exercises

- * Rearrange the words of a sentence in correct order.
- * 7 levels of test difficulty.
- * Solution help: pronunciation, word explanation and clue.



4. English Names

- * Male English names and Female English names with sources and meaning.
- * Allows cross-searching among Thai-Eng Dictionary, Eng-Thai Dictionary and Longman Dictionary.



5. English Prefixes

- * Allows cross-searching among Thai-Eng Dictionary, Eng-Thai Dictionary and Longman Dictionary.
- * Definitions in English and Thai.



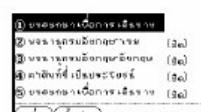
6. English Suffixes

- * Allows cross-searching among Thai-Eng Dictionary, Eng-Thai Dictionary and Longman Dictionary.
- * Definitions in English and Thai.



A. Listening and Learning

- * Saves word first in each dictionary and in travel dialogues.
- * Listening and learning English words anytime, anywhere.
- * English pronunciation.
- * Setting: number of repetition, time interval and display selection.



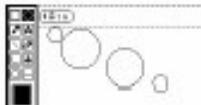
1. Note Taker

- * Minimize your original handwriting or free writing.
- * Data auto-saved.
- * Data clear or deletion for current screen.



2. Paintbrush

- * Drawing function.
- * Provides on-screen tool for drawing.



3. Name Card Manager

- * Allows to input data in Thai, English, numbers, and special symbols on the name card.
- * Classified into four categories to store different cards.
- * Searches name card through keywords and telephone number.
- * Allows to create, input, save, categorize, edit, duplicate, modify and delete data.
- * Allows to set a password for the security of saved data.
- * Stores portraits with the name card.



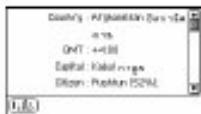
7. Telephone Information

- * Contains information of International Dialing Guide, Country Code and Thai Area Code.



8. Travel Guide

- * Provides detail information about 188 countries and their large cities.



9. Thai Embassy Overseas

- * Contains information about country, state, address, telephone, fax and homepage of Thai embassies overseas.



A. Police Stations in Thailand

- * Contains information about province, district, telephone, post code and fax of the police stations in different areas.



4. Memorandum

- * Searches data through titles and keywords.
- * Allows to create, duplicate, modify, delete and save data.
- * Allows to set a password for the security of saved data.



5. Personal Information

- * Allows to create, modify, delete and save data.
- * Allows to set a password for the security of saved data.



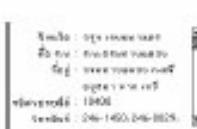
6. User's Dictionary

- * Creates personal dictionary for searching.
- * Allows to create, edit, delete and save data.
- * Allows cross-searching among Thai - Eng Dictionary, Eng - Thai Dictionary and Longman Dictionary.
- * English pronunciations for highlighted word.
- * The created words can be looked up in the Eng - Thai dictionary and longman dictionary through secondary method.



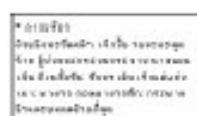
B. Hospitals in Thailand

- * Contains information about province, hospital name, address, post code, telephone and fax of the hospitals in different areas.



C. Family Guide

- * Provides helpful information about first aid, family doctor, family engineer and standard body weight.



1. Calculator

- * 12-digit number calculation for four basic arithmetical operations.
- * Storage functions: [MR], [MC], [M+], [M-]
- * Conversion computing among binary, octonary, decimal and hexadecimal systems



2. Multi-Lines Calculator

- * Four basic arithmetical operations.
- * Ordinal data list for searching and modification.
- * Stores up to 99 data entries.
- * Stores all input data automatically.



3. Scientific Calculator

- * Four basic arithmetical operations and functions.
- * Conversion computation among octonary, decimal and hexadecimal systems.



depending on the entered variables.

7. Unit Conversion

- * Converts various units of measure (length, area, volume, weight, temperature, etc.)
- * Displays the conversion units and ratio.



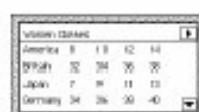
8. Currency Conversion

- * 17 popular currencies for conversion
- * Computation among the exchange rate and quantity.



9. Size Conversion

- * Tables of corresponding size of clothing and shoes in different countries.



A. Personal Finance

- * Provides Expense, stock and loan management for record.



4. Graphic Calculator

- * Provides general plotting and shade plotting.
- * Graphs of functional equations.
- * Displays four functional graphs simultaneously
- * Graphic process: shift, trace and inequation for graphed equations



5. Statistical Calculator

- * Four basic arithmetical operations and calculation functions.
- * Statistically calculates uniform, linear regressions, logarithmic regressions, index regressions and power regressions based on the values entered
- * Sorts, analyzes up to 100 entries.



6. Formula Calculator

- * Provides mathematic formula used in area, volum, series, probability, geometry and triangle.
- * Calculates formula



1. Local and World Time

- Displays time and date of the local city and other cities simultaneously.
- Provides 228 world cities for selection.
- time adjustable.
- Provides daylight saving setting. (Summer time)
- Alarm clock.



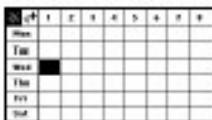
2. Schedule

- Displays weekly schedule.
- Allows to create, modify, save and delete schedule.
- Allows to set a password for the security of saved data.



3. Class Schedule

- Allows to create, modify and delete curriculum.
- Stores day and night class curriculum, including courses, teachers and places from Monday to Sunday.



8. Fortune Teller

- Tell fortune based on month, date and hour of birth of someone.
- Provides weight measurement of one's fortune in Chinese fortune teller.
- Provides curve chart to analyze how one's emotion, mental states and physical strength changed during a certain period of time.



9. Games World

- Eight games: 21 points, Square World, Gobang, Othello, Kongming Chess, Land Mines, Puzzles and Fruit Dishes.



A. Information Communication

- Allows to send and receive data.
- Allows to send single or all data from class schedule, paintbrush, name card management, etc.



4. Worked Hours Management

- Fills in either beginning day, ending day, total day or deducted day to figure out the ending day and total days.



5. Commemorative Days

- Stores solar and lunar commemorative days.
- Allows to set a password for the security of saved data.
- Allows to create, modify and delete data.



6. Lunar and Solar Calendar

- Allows to search any date of Solar & Lunar calendar from year 1881 to 2031.
- Allows to create schedule and commemorative day directly.
- Displays six months calendar.



7. Thai Charter of History

- List of major historic events in Thailand.



B. System setting

- Sets menu in Thai or English.
- Speech and tone adjustment.
- Sets the pen and key sound on or off.
- Sets start-up screen.
- Password set up and deletion.
- Sets the automatic power-off period.
- 12 or 24 hours for selection
- Adjusts the touch panel.
- Deletes the whole group of personal data
- Hot line service for customer contact.



C. System Status

- Displays the memory states and the saved data groups.
- Defrags the memory system.



1-00

Main menu

- Press [**right**] to shift among the main menus.
- Press [**ppppppdpd**] for the previous or the next page.
- Press [**pppd**] for the previous or the next item.
- Press the corresponding numeric or alphabet key for access except when English-Thai dictionary is highlighted.
- If English-Thai dictionary is highlighted, press any alphabet keys to access the dictionary directly.
- Double tap the desired item for access.
- Choose the desired item and press [**enter**] for access.
- Press [**Thaing**] to shift between English and Thai mode.
- If English-Thai dictionary is highlighted, press [**z-z**] for access.
- Press [**Main**] to return to the main menu.

1-01

Submenu_1

- Press [**pppd**] for the previous or the next item, then press [**enter**] for access.
- Press the corresponding numeric or alphabet key for access.
- Double tap the desired item for the submenu.
- Tap the desired submenu to see the details.

1-02

Submenu_2

- Double tap the desired item or press numeric key for access.

1-03

Spelling check

- Press [**ppppppdpd**] to try another search.
- Spelling check searching among the words with similar spelling or pronunciation.
- Nearest word searching for the closest word in alphabetical order.
- User's dictionary searching in the user's dictionary.

1-04

Spelling_list

- Select the desired word and press [**enter**] for definition.
- Double tap the desired word for definition.

1-05

Thai-Eng_list

- Key in Thai characters and press [**enter**] for definition.
- Press [**•**] to delete a character.
- Press [**ppppppdpd**] to search for desired item.

1-06

Thai-Eng_Defi

- Press [**ppppppdpd**] for the previous or the next entry.
- Press [**right**] to highlight the unknown word or character and tap dictionaries on the lower screen to cross-search for its definition.
- Press [**space**] to highlight more than one word or character.

1-07

longman_defi

- Press [**ppppppdpd**] to scroll the screen up and down.

Eng_Thai_list

- Entry is an English word or phrase, then press [**enter**] for the definition.
- [**and**] and [**or**] can be entered for any unknown letters. [**~**] stands for a single letter while [**~~**] stands for a string of letters. Note: the two symbols can not be entered as the first character.
- Press [**•**] to delete a letter.
- Press [**ppppppdpd**] to search for desired item.

1-08

Eng_Thai_defi

- Press [**up**/**down**] to scroll the screen up and down.
- Press [**left**/**right**] for the previous or the next entry.
- Press [**ENG**] for English pronunciation.
- Tap [**in**] in the upper right corner to cross-search current headword in Longman English dictionary.

Tap the buttons in the lower screen to see the corresponding details.

- (1) example showing all the example sentences.
- (2) label showing the original part of speech.
- (3) phrase showing phrases of the headword.
- (4) grammar showing grammatical information.

(5) Information showing synonyms, antonyms and some confused words.

Press [**right**] to highlight the unknown word or character and tap dictionaries on the lower screen to cross-search for its definition.

- Press [**space**] to highlight more than one word or character.
- Press [**entry**] save the current entry in the Revision dictionary.

1-09

longman

- Press [**ENG**] for English pronunciation.

Meaning of the symbols in Longman Head Words:

- (1) one or more English words.
- (WTF) A and B can be swapped.

(obj) somebody.

(etc) something.

Tap [**ex**] to show some example sentences.

Press [**right**] to highlight the unknown word or character and tap dictionaries on the lower screen to cross-search for its definition.

Press [**space**] to highlight more than one word or character.

Tap [**label**] on the lower screen to see the original part of speech.

Press [**entry**] save the current entry in the Revision dictionary.

1-10

Chinese_wordlist

- Entry is a word or phrase, then press [**enter**] for the definition.

Press [**left**] to delete a letter.

Tap the desired item and press [**enter**] for its definition.

Press [**ppppppdpd**] to search for the desired item.

1-11

Chinese_View

Press [**up**/**down**] to scroll the screen up and down.

Press [**ppppppdpd**] for the previous or the next entry.

while the English dialogues are being displayed, press [right] to highlight the unknown word or character and tap dictionaries on the lower screen to cross-search for its definition. Press [space] to highlight more than one word or character.

Press [home], save the current sub-category for listing and leaving.

2-601

proverb_list

i key in the proverbs and then press [enter].

Press [left][right][left][right] to choose a desired item and press [enter].

Press the corresponding numeric key for access directly.

2-602

proverb_detail

Press [left][right] to view the previous or the next proverb.

Press [home] for English pronunciation.

Press [right] to highlight the unknown word or character and tap dictionaries on the lower screen to cross-search for its definition.

Press [space] to highlight more than one word or character.

2-603

prefix_list

i key in the English name to be searched and press [enter] for the details.

Press [left][right][left][right] to choose a desired item and press [enter].

Press the corresponding numeric key for access directly.

2-604

prefix_detail

i key in the prefix to be searched and press [enter] for the details.

Press [left][right][left][right] to choose a desired item and press [enter].

Press the corresponding numeric key for access directly.

Press [up][down] to scroll the screen up and down.

Press [left][right] to view the previous or the next suffix.

Press [right] to highlight the unknown word or character and tap dictionaries on the lower screen to cross-search for its definition.

Press [space] to highlight more than one word or character.

2-605

adj_list

i key in the adjective to be searched and press [enter] for the details.

Press [left][right][left][right] to choose a desired item and press [enter].

Press the corresponding numeric key for access directly.

2-606

adj_detail

Press [left][right] to view the previous or the next adjective.

Press [home] for English pronunciation.

Press [right] to highlight the unknown word or character and tap dictionaries on the lower screen to cross-search for its definition.

Press [space] to highlight more than one word or character.

2-607

verb_detail

i double tap the desired verb pattern for the details.

Press [left][right][left][right] to choose a desired item and press [enter].

Press the corresponding numeric key for access directly.

a the short form explanation
nsubj:obj: Vverb1 object: scomp:object complement
cc:object complement

Press [pppppppp] to view the previous or the next name.

Press [right] to highlight the unknown word or character and tap dictionaries on the lower screen to cross-search for its definition.

Press [space] to highlight more than one word or character.

2-608

preffix_list

i key in the prefix to be searched and press [enter] for the details.

Press [left][right][left][right] to choose a desired item and press [enter].

Press the corresponding numeric key for access directly.

2-609

prefix_detail

Press [up][down] to scroll the screen up and down.

Press [pppppppp] to view the previous or the next prefix.

Press [right] to highlight the unknown word or character and tap dictionaries on the lower screen to cross-search for its definition.

Press [space] to highlight more than one word or character.

2-610

suffix_list

i key in the suffix to be searched and press [enter] for the details.

Press [left][right][left][right] to choose a desired item and press [enter].

Press the corresponding numeric key for access directly.

2-611

suffix_detail

i key in the suffix to be searched and press [enter] for the details.

Press [left][right][left][right] to choose a desired item and press [enter].

Press the corresponding numeric key for access directly.

Press [up][down] to scroll the screen up and down.

Press [left][right] to view the previous or the next suffix.

Press [right] to highlight the unknown word or character and tap dictionaries on the lower screen to cross-search for its definition.

Press [space] to highlight more than one word or character.

2-612

verb_detail

Press [up][down] to scroll the screen up and down.

Press [pppppppp] for the previous or the next verb patterns.

Press [right] to highlight the unknown word or character and tap dictionaries on the lower screen to cross-search for its definition.

Press [space] to highlight more than one word or character.

2-613

confidence_degree

Using the slide block or tap the desired location to set the level of difficulty, then press [enter] to begin.

Press the corresponding numeric key to set the level and access directly.

2-614

confidence_exercise

Please rearrange the words of the sentences in correct order.

In sentence in one group, the primary score is a point, a points will be added for each correct answer.
10 points will be deducted every time you tap the following buttons. A maximum of 10 points will be deducted for each sentence.

[p press] to listen to the correct sentence.

[q explain] shows the explanation of the highlighted word.

[c close] to put a word in the correct position.

Press [up][left][right] to select a word and press [enter] to confirm your selection or double tap the word directly.

To correct a mistake, double tap the word again, or press [up][left][right] to highlight the word and press [enter], a small arrow appears on it's left, then

press left/right/to move the arrow to a new position and press [Enter]to do to insert the word.

After you have finished to testscores, your score will be displayed so points is a pass while the highest score is no points.

DAG

LISTALARM_WORD

- i.Select 1, press the corresponding numeric keys to choose a subcategory.
- 2-n, double tap the item or press [Delete]to set it on/off.NOTE: The item can be set 'on'only if it has some saved words.

a.Tap [begin]to start listening comprehension.

b.Tap setting for function settings.

DAG

LISTALARM_SET

- i.Tap the text boxes on the screen, then tap ← to set the value of the Number of Repetition and Time Interval.
- 2.You can also set the display selection to off-to disable the display when listening comprehension.

DAG

NOTE_EDIT

i.You are allowed to write on the screen with the stylus, your original handwriting will be optimized and positioned to the place where the cursor is.

a.Press [Space]to enter a space.

b.Tap [Delete]to remove a whole line.

c.Press [Shift]+[Delete]on the key board to remove an entry right behind the cursor.

d.Tap [clear]to remove all the entries from the screen.

a.Press [Enter]to insert a line.

DAG

NOTE_LIST

i.Press [Up]/[Down]to choose a file name and the corresponding drawing will be previewed.

b.Press [Enter]to confirm the selection.

c.Tap [New]to add a new drawing.

d.Tap [Delete]to delete the highlighted drawing.

DAG

NOTE_VIEW

i.Press [Up]/[Down]to view the previous or the next drawing.

b.Tap [New]to add a new drawing.

c.Tap [Edit]to edit the current drawing.

d.Tap [Delete]to delete the current drawing.

DAG

NOTE_ENTRY

i.Choose the painting tools from the on-screen tool box, tap and drag on the screen to make some drawings.

b.Tap [Clear]to remove all the drawing from the screen.

c.Press [Save]to save the graph.

DAG

NAMECARD_LIST

i.The name cards have been classified into several categories.Tap the small triangle in the upper-left corner to select the category to be displayed.

2.Names and phone/mobile/page numbers are shown in the name card list.

a.Press [Up]/[Down]to select a name card.

b.Double tap the desired name card to see the details.

c.Tap [New]to add a new name card.

d.Tap [Delete]to delete the highlighted name card.

e.Tap [Search]to lookup a name card with its phone number or keyword.

f.Tap [Show Lock]to hide the locked name card.

g.If a portrait has been saved in a name card, a portrait icon appears in front of the name card.Tap the icon to display the magnified portrait.

DAG

NAMECARD_SEARCH

i.Tap small triangle in the upper-left corner to choose the ways to lookup a name card.

j.Key in the phone number or keyword, then press [Enter]for search.

DAG

PORTAIT_EDIT

i.Different style of portraits and facial features are provided.

b.Choose the portrait and features, the unit will compose them to make up your favorite portrait.

c.Tap [OK]to view the portrait in the Preview box accordingly.

d.Tap the small triangle on the upper screen to choose the facial features.

e.Tap [Save]to remove the facial feature from the portrait.

f.Tap [Clear]to clear the Preview box.

g.Press [Enter]to confirm your selection.

DAG

MEMO_LIST

i.Press [Up]/[Down]to select a memo.

j.Double tap the desired memo to see the details.

k.Tap [New]to add a new memo.

l.Tap [Delete]to delete the highlighted memo.

m.Tap [Search]to lookup a specified memo.

n.Tap [Show Lock]to display/hide the locked memo.

DAG

NAMECARD_VIEW

i.Press [Up]/[Down]to view the previous or the next name card.

j.Tap [New]to add a new name card.

k.Tap [Edit]to edit the content of the name card.

l.Tap [Delete]to delete the name card.

DAG

NAMECARD_EDIT

i.Tap [In Line]to insert a line.

j.Tap [Del Line]to delete a whole line.

k.Tap the portrait icon to choose a portrait for this name card.

l.Tap the lock/unlock icon to lock/unlock the name card.

m.Press [Save]to save the name card.

DAG

Memo_View

1.Press [pageup][pagedn]to view the previous or the next memo.

2.Tap [new]to add a new memo.

3.Tap [edit]to edit the current memo.

4.Tap [delete]to delete the current memo.

DEO

Memo_Edit

1.Key in the title and remarks.

2.Tap [ins line]to insert a line.

3.Tap [del line]to delete a whole line.

4.Tap the lock/unlock icon to lock/unlocked the current memo.

5.Press [save]to save the current memo.

DEO

Memo_Search

1.Tap the small triangle in the upper-left corner to choose the ways for search.

2.Key in the title or keyword, then press [enter]for search.

DEO

Person_List

1.Press [appkey][personkey]to select a data.

2.Double tap the desired data to see the details.

3.Tap [new]to add new data.

4.Tap [delete]to delete the highlighted data.

5.Tap [show locked]/[hide locked]to display/hide the locked data.

1.Press [pageup][pagedn]to view the previous or the next word.

2.Tap [new]to add a new word.

3.Tap [edit]to edit the data.

4.Tap [delete]to delete the current word.

5.When input the content, press [Thainavo]to shift between English and Thai mode.

6.Press [save]to save the current word.

DEO

Dictionary_Edit

1.Key in the keyword and the context.

2.Tap [ins line]to insert a line.

3.Tap [del line]to delete a whole line.

4.When input the content, press [Thainavo]to shift between English and Thai mode.

5.Press [save]to save the current word.

DEO

Tel_Zipcode_Subgroup, **Travel_Subgroup**

1.Press [pageup][pagedn]to choose the geographic position.

2.Double tap the item or press the corresponding numeric keys.

DEO

Tel_Zipcode

1.Press [pageup][pagedn]to view the details.

DEO

Tel_Country

DEO

Person_View

1.Press [pageup][pagedn]to view the previous or the next data.

2.Tap [new]to add new data.

3.Tap [edit]to edit the data.

4.Tap [delete]to delete the current data.

DEO

Person_Edit

1.Key in your personal information.

2.Tap [ins line]to insert a line.

3.Tap [del line]to delete a whole line.

4.Tap the lock/unlock icon to Lock/unlock the current data.

5.Press [save]to save the current data.

DEO

Glossary_List

1.Key in a word or phrase, then press [enter]for the definition.

2.Press [appkey][glosskey]to search for desired word.

3.Double tap the desired word or press the corresponding numeric keys for its definition.

4.Tap [new]to add a new word.

5.Tap [delete]to delete the current word.

DEO

Glossary_View

1.Key in the country name or press [appkey][glosskey]to display the country code.

2.DMS

Travel_CountryList, **CityList**

1.Press [appkey][glosskey]to choose the country name and press [enter].

2.Double tap the item or press the corresponding numeric keys.

DEO

Travel_CountryDetail

1.Press [appkey][glosskey]to view the details.

2.Tap the button [city]to display the main cities of the country.

DEO

Travel_CityDetail

1.Press [appkey][glosskey]to view the details.

DEO

Embassy_List

1.Press [appkey][glosskey]to choose the country which has a Thai embassy.

DEO

Embassy_Detail

1.Press [appkey][glosskey]to view the details.

DEO

Police_List

i.Press [pppppppppp] to choose the place which has a police station.

DMS

police_detail

i.Press [pppppppppp] to view the details.

DMS

hospital_list

i.Press [pppppppppp] to choose the place which has a hospital.

DMS

hospital_detail

i.Press [pppppppppp] to view the details.

DCH

gracilly_list

i.Press [pppp] to highlight the item and press [enter].

2.Double tap the desired item or press the corresponding numeric keys to access directly.

DCH

gracilly_detail

i.Press [pppppppppp] to choose the desired item.

2.Double tap the desired item or press the corresponding numeric keys.

DCH

gracilly_sublist

i.Press [pppppppppp] to choose the desired item.

2.Double tap the desired item or press the corresponding numeric keys.

i.Press [pppppppppp] to view the details.

DCD

gravely_weight

i.Input your height in the corresponding text boxes.

2.Tap the [pppppp] buttons beside the text box to increase or decrease the values.

DCD

calculator

i.A set of operation symbols are specified below:

(right) delete the last number.

(AC) all clear.

(CEC) clear error (clear).

(V) square root sign.

(+) plus / minus sign.

(%) percentage sign.

(=) Equal to.

(M+) plus into memory value.

(M-) minus from memory value.

(MR) memory replay.

(MC) memory clear.

(DE) enter a double-zero.

2.Tap [mode] to shift among the number systems.

(DEC) convert to decimal system.

(HEX) convert to hexadecimal system.

DMG

convert_to_hexacy_system

DMG

convert_to_hexacy_system

i.The explanations of some symbols displaying on the screen.

2.Some values already saved in the memory.

3.The error information.

4.The negative value.

DMG

multi-list

i.Enter values and arithmetic signs, then tap [=] to process the calculation.

2.Tap [del] to delete the current entry.

3.Tap [del] or press [space] to clear all the entries from the screen.

4.Tap [pppp] to lookup the line to be changed, tap on the line or enter the numbers of the line in the text box. Then input the new entry and tap [=] to get the new result.

DMG

multi

i.Select type of conversions and the conversion units in the first line.

2.Indicates a value, then press [enter] to process the conversion.

3.Tap [clear] to remove all the values.

DMG

currency

i.Indicates a value in the AMOUNT field.

2.Indicates the exchange rates in the columns directly.

3.Press [pppppppppp] to lookup other currencies.

DMG

finance_expense_list

i.Press [pppp] to choose an item and press [enter] to access.

2.Double tap an item or press the corresponding numeric keys to access directly.

3.Taps [ESC] to return to the previous screen.

DMG

finance_expense_list

i.Double tap an expense item for the details.

2.Tap the small triangle at the upper screen to choose an expense category.

3.Tap [settle] to add up your expense in a certain period.

4.Tap [type] to rename the expense categories.

5.Tap [new] to add a new expense data.

6.Tap [delete] to delete the highlighted expense data.

7.Tap [rest] to view the value as an integer or a decimal value.

8.Tap [show] to display/hide locked/locked the locked expense data.

end

finance_expense_category

i seven categories are provided.Press (up|down|left|right) to view the categories.
select a category and input a new name.
press [save] to save the new name.

end

finance_expense_balance

i tap the small triangle to choose an expense category.
choose the beginning and ending date in the text boxes.you can also tap the small icon after the box to choose a date.
tap [settler]and the result will be shown in the lower text box

end

finance_expense_view

i tap [new] to add a new expense data
2 tap [edit] to revise the current expense data

end

finance_expense_edit

i tap the small triangle to choose an expense category.
choose the value or information in the text boxes.
tap the lock/unlock icon to lock/unlock the current data
press [save] to save the data

end

finance_stock_list

end

finance_stock_edit

i tap the small triangles to choose stock categories, stocks and sources.
choose the stock information in the text boxes.
tap the lock/unlock icon to lock/unlock the current data
press [save] to save the data

end

finance_savings_list

i double tap a data for the details.
i tap the small triangle in the upper-left corner to choose saving or loan.
i tap [settler]to add up the data in a certain period
i tap [new] to add a new data.
i tap [deleter]to delete the highlighted data
i tap [show locked|hide locked]to display/hide the locked saving data

end

finance_savings_edit

i tap the small triangles to choose saving or loan and the currency.
choose the starting date.you can also tap the small icon after the box to choose a date.
choose the bank, account and interest percentage.
tap the lock/unlock icon to lock/unlock the current data
press [save] to save the data

end

finance_savings_view

i tap the small triangles in the first two lines to choose the categories.
i tap [settler]to add up your profits or losses.
i tap [type]to rename the categories.
i tap [new] to add a new stock data
i tap [deleter]to delete the highlighted stock data.
i tap [sort]to choose names or numbers, then all the stock data will be rearranged according to the original input order or the sequence of the stock numbers.
i tap [show locked|hide locked]to display/hide the locked stock data.

end

finance_stock_balance

i highlight the desired item and press [enter] to access.
i input the closing/buying price and press [enter] to confirm.
i tap [settler] to get the result.
i press [esc] to return to the previous screen.

end

finance_stock_balance_list

i press (up|down|left|right) to view the stock data.
the total results are displayed in the lower boxes.

end

finance_stock_view

i tap [new] to add a new stock data.
2 tap [edit] to revise the current stock data

end

finance_saving_settle

i tap the small triangle to choose the currency.
choose the beginning and ending date in the text boxes.you can also tap the small icon after the box to choose a date.
i tap [settler]and the result will be shown in the lower text box.

end

scientifico_initial

i enter mathematical expression.
i tap [clear] to clear the screen, and press shift|del| to delete them one by one.
i tap [func] to select trigonometric functions.press pap|sin| to highlight the desired function and press [enter] to confirm.
i tap the highlighted symbol in the upper-left corner to shift among the number systems
(DEC) decimal.
(HEX) hexadecimal.
(OCT) octonary.
(BIN) binary.
i tap the highlighted symbol next to the number systems to shift among the angular magnitude system.
(DEG) degrees.
(RAD) radians.

press gradient
press **enter** to get the result.

801
graphic_general
1. **ENTER** **MATHEMATICS**.

2. Tap **clear** to clear the screen, and press **shift+del** to delete them one by one.
3. Tap **func** to select trigonometric functions. Press **pppp** to highlight the desired function and press **enter** to confirm.
4. Tap the small triangle in the upper-left corner to select the plotting type.
5. Tap **range** to set the range of the variables.
6. Tap **plot** to display the plotting.

802

graphic_value
1. **ENTER** **VALUES** to define the range of the variables.
2. Tap **rand** to overwrite with the default values.
3. Tap **func** to select trigonometric functions. Press **pppp** to highlight the desired function and press **enter** to confirm.
4. Tap **ok** to confirm the values and return to the previous screen.
5. Tap **clear** to remove all the values.

803

graphic_shadedarea
1. Tap **shift** to select a tool to view the plotings.

804

1. Tap **clear** to remove all the values.

805

local time_initial
1. Tap **set alarm** to set the daily alarm.
2. Tap **set time** to set the system time.
3. Tap **set DST** to set daylight saving time, a special indicator will be shown.
4. The time of one local city and 2 other cities are displayed. Press **pppp(left|right)** to move the cursor, and press **[esc]** to re-select the displayed city.

806

local time_cities
1. **ENTER** in the name of the city or press **pppppppppp** to select a city, then press **enter** to confirm.
2. Double tap the item to select a city directly.

807

local time_alarming
1. Set the alarm time by pressing numeric keys or tap the icon after the box to set the time.
2. Press **done** to select AM or PM (only available when using 12 hours system, you can set 24 hours system in **Time/system** settings).
3. Tap the box to set the alarm on.
4. Tap **ok** to confirm or **[cancel]** to cancel the setting.

808

local time_time

graphing_general

1. Tap **shift** to select a tool to view the plotings.

2. Tap **trace** to select a tracing mode.

3. Tap **[esc]** to the select the inequalities.

809

statistical_initial
1. **ENTER** **values** and press **[enter]** to confirm.
2. Press **pppp(left|right)** to select a specified column and modify its value.
3. Tap **clear** to remove all the values.
4. Tap **func** to select trigonometric functions. Press **pppp** to highlight the desired function and press **[enter]** to confirm.
5. Tap **calc** to select a calculation type.
6. Tap **[root]** to select a method to rearrange the inputted values.

810

formulae_menu
1. Press **pppp(left|right)** to select a group of the formulas and press **[enter]** to confirm.
2. Press the corresponding numeric keys or double tap the item directly.

811

formulae_input
1. Move the cursor to the specified item and tap **[esc]** to see the meaning of this item.
2. Tap **calc** to obtain the result after confirming the unknown numbers.
3. Tap **func** to select trigonometric functions. Press **pppp** to highlight the desired function and press **[enter]** to confirm.

1. Set date and time by pressing numeric keys or tap the icons after the boxes to set the date and time.

2. Press **done** to select AM or PM (only available when using 12 hours system, you can set 24 hours system in **Time/system** settings).

3. Tap **[esc]** to confirm or **[cancel]** to cancel the setting.

812

schedule_index
1. Select a specified date and press **[enter]** to view the schedules on the date.
2. Tap **[i new]** to add a new schedule.
3. Tap **[p weekly]** to view the schedules in a whole week.

813

schedule_day_schedule
1. Select a schedule and press **[enter]** for the details.
2. Tap **[i new]** to add a new schedule.
3. Tap **[p delete]** to delete the highlighted item.
4. Tap **[p weekly]** to view the schedules in a whole week.
5. Tap **[p show locked]** **hide locked** to display/hide the Locked schedules.

814

schedule_weekly_schedule
1. Press **pppp(left|right)** to select a date.
2. Press **[enter]** to show the detailed schedule of the date.
3. Press **[esc]** to return to the previous screen.

815

schedule_detail

1.Press **pppppp**to scroll the screen up and down.
2.Press **pppppp**to view the previous or the next schedule.
3.Tap **p new**to add a new schedule.
4.Tap **p edit**to revise the current schedule.
5.Tap **p delete**to delete the current schedule.
6.Tap **p weekly schedule**to view the schedules in a whole week.

D-001

schedule_edit

1.Tap the corresponding lines to edit the schedule.
2.set date and time by pressing numeric keys or tap the icons after the boxes to set the date and time.
3.Press **W/C** to select AM or PM(only available when using 12 hours system, you can set 120 hours system in **TimeSystem settings**)
4.Tap the lock/unlock icon to lock/unlock the schedule.
5.Tap **p line**line to add a new line.
6.Tap **p del**line to delete a whole line.
7.Press **SAVE** to save the current schedule.

D-002

schedule_add

1.Tap the corresponding lines to edit the schedule.
2.set date and time by pressing numeric keys or tap the icons after the boxes to set the date and time.
3.Press **W/C** to select AM or PM(only available when using 12 hours system, you can set 120 hours system in **TimeSystem settings**)

D-003

(class_main_menu)

1.Tap **pppppp(left|right)**to select the period.
2.The scheduled class has a “*”symbol.
3.Tap the icons in the upper-left corner or press **pppppp**to shift between day/right class schedules.
4.Press **[ENTER]**to view or edit the specified class.

D-004

(class_editable)

1.Enter data in the corresponding columns.
2.Press **[ENTER]pppppp**to shift among the columns.
3.Press **[ENTER]**to store the data.
4.Press the small triangles to select date and period.
5.Tap **p line**line to add a new line.
6.Tap **p del**line to delete a whole line.
7.Only 12 English letters are allowed to be inputted for each period.

D-005

(class_modify)

1.Tap **p edit**to edit the data.

D-006

(Time management)

1.Input data in the text boxes except hours; either **padding** or **total days** need to be inputted, it depends on which item to be calculated.
Beginning: the beginning date of the project.
Ending: the ending date of the project.
Total days: total working days of the project.
Hours: total working hours of the project, it will be calculated automatically.
Days: a week's total working days per week, starts from Monday.
Hours: a day's total working hours per day.
Dedicated day: total holiday to be deducted.
2.Tap **p pending** or **total days** to calculate the result.
3.Tap **[RESET]** to restore the initial settings.

D-007

(commemorative day_index)

1.Select the desired item, then press **ENTER** to see the details.
2.Tap **p new**to add a new item.
3.Tap **p delete**to delete the highlighted item.
4.Tap **p show lock/unlock** to display/hide the locked items.
5.Tap the small triangle in the upper-left corner to select solar or lunar calendar.

D-008

(commemorative day_detail)

1.Tap the **lock/unlock** icon to lock/unlock the schedule.
2.Tap **p line**line to add a new line.
3.Tap **p del**line to delete a whole line.
4.Press **[SAVE]**to save the current schedule.

D-009

(class_main_menu)

1.Tap **pppppp(left|right)**to select the period.
2.The scheduled class has a “*”symbol.
3.Tap the icons in the upper-left corner or press **pppppp**to shift between day/right class schedules.
4.Press **[ENTER]**to view or edit the specified class.

D-010

(commemorative day_edit)

1.Input the date and the context set the date with numeric keys or the icon after the box.
2.Tap the **lock/unlock** icon to lock/unlock the current item.
3.Tap **p line**line to add a new line.
4.Tap **p del**line to delete a whole line.
5.Press **[SAVE]**to save the item.

D-011

(commemorative day_add)

1.Input the date and the context set the date with numeric keys or the icon after the box.
2.Tap the **lock/unlock** icon to lock/unlock the current item.
3.Tap **p line**line to add a new line.
4.Tap **p del**line to delete a whole line.
5.Press **[SAVE]**to save the item.

D-012

(calendar_main_menu)

1.Tap the year and month buttons the small triangles and input the date.

Setting_initial
1.Press the corresponding numeric key to access the function.
2.Press [Esc] to return to the previous screen.

Setting_unlock
1.Key is the password.
2.Press [Enter] to confirm.

Setting_sound
1.Press [Up/Down] the corresponding numeric key.
2.Press [Enter] or [Esc] to confirm.

Setting_delete_password
1.Key is the password.
2.Press [Enter] to confirm.

Setting_speed
1.Press [Up/Down] to shift between speed and tone.
2.Press [Left/Right] to adjust the settings.
3.Press [Enter] or [Esc] to confirm.

Setting_check_password
1.Key is the password and press [Enter] to access the data.
2.Press [Esc] to cancel.

Setting_set_password
1.Key in the old password, then key in a new password up to 8 characters, either numbers or alphabets.
2.Key in the new password again and press [Enter] to confirm.

Setting_delete
1.Press [Up/Down] to select an item.
2.Press [Enter] to confirm.

Setting_input_password
1.Key in a new password up to 8 characters, either numbers or alphabets.
2.Key in the password again and press [Enter] to confirm.

Setting_out_off
1.Press [Left/Right] to adjust the power cut-off time.
2.Press [Enter] to confirm and [Esc] to cancel.

Setting_main
1.Press the corresponding numeric key to access the function.

Setting_main
1.Press [Esc] to return to the previous screen.

Setting_memory_usage, **Setting_data_group**, **Setting_defragment**
1.Press [Esc] to return to the previous screen.