Attention

Data Backup

All your personal data should be copied to separate permanent printed records. Resetting the product will cause personal data permanent loss. Such a loss is not covered by warranty.

Display

* When cleaning, rub the screen lightly with dry, clean and
  soft cloth (do not use volatile liquid).

* The screen may crack if the product falls on the ground.

Battery & Earphone

* Keep the battery far from fire. Otherwise, there will be a risk
  of explosion. Do not connect the battery's terminals
  together to avoid short circuit.

* The sound volume of the earphone should be not too high
  so as not to injure your hearing.

Non Waterproof

The device is non waterproof. Please keep it away from any liquid. If it gets wet, please dry the surface and send to our service center for checking.

Magnetism

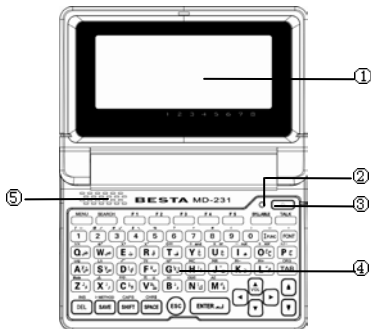The product is magnetic. Please do not place it with other magnetic products to avoid losing some functions.

Notes:

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

Introduction of the Device

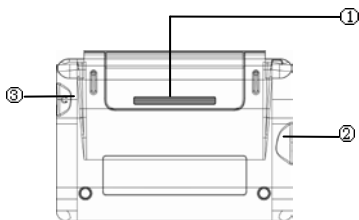## 1. Layout

1.1 Obverse Side:

① Screen

② RESET Key

③ ON/OFF Key

④ Keyboard

⑤ Speaker

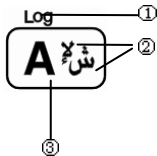### 1.2 Reverse Side:

① Battery Cover

② USB Jack

③ Earphone Jack

**1.3 Key Description**

① Mathematical sign

② Arabic character

③ English letter

2. Keyboard

Key	Function
	Numeric key "1"
	Input symbol "! " with [SHIFT] key
	The one tone of phonetic/Pinyin input method
	Numeric key "2"
	Input symbol "@" with [SHIFT] key
	The second tone of Chinese Pinyin input method
	Numeric key "3"
	Input symbol "#" with [SHIFT] key
	The third tone of Chinese Pinyin input

	method
$\overset{\text{# \textbackslash}}{\boxed{4}}$	Numeric key "4"
	Input symbol "$" with [SHIFT] key
	The fourth tone of Chinese Pinyin input method
$\overset{\text{%}}{\boxed{5}}$	Numeric key "5"
	Input symbol "%" with [SHIFT] key
$\overset{?}{\boxed{6}}$	Numeric key "6"
	Input symbol "?" with [SHIFT] key
$\overset{,}{\boxed{7}}$	Numeric key "7"
	Input symbol "," with [SHIFT] key
$\overset{*}{\boxed{8}}$	Numeric key "8"
	Input symbol "✳" with [SHIFT] key
$\overset{'}{\boxed{9}}$	Numeric key "9"
	Input symbol "(" with [SHIFT] key
$\overset{'}{\boxed{0}}$	Numeric key "0"
	Input symbol ")" with [SHIFT] key

A ش (Log)	English letter "A"
	Arabic character "ش"
	Arabic character "ؠ" with [SHIFT] key
	Mathematical sign: logarithm
B ﺪ (x!)	English letter "B"
	Arabic character "ﺪ"
	Arabic character "ﺚ" with [SHIFT] key
	Mathematical sign: Factorial (!)
C ﻮ (exp.)	English letter "C"
	Arabic character "ﻮ"
	Arabic character "ﺰ" with [SHIFT] key
	Mathematical sign: scientific notation method
D ﻳﺍ	English letter "D"
	Arabic character "ﻲ"
	Arabic character "ﺍ" with [SHIFT] key
	Mathematical sign: square root

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E ث (X²)	English letter "E"
	Arabic character "ث"
	Mathematical sign: square
F ب (Y√X)	English letter "F"
	Arabic character "ب"
	Arabic character "ڤ" with [SHIFT] key
	Mathematical sign: Y root of X
G ل (10ˣ)	English letter "G"
	Arabic character "ل"
	Arabic character "ڵ" with [SHIFT] key
	Mathematical sign: X power of 10
H ﻻ (MC)	English letter "H"
	Arabic character "ﻻ"
	Arabic character "ﻵ" with [SHIFT] key
	Mathematical sign: [MC] (clear memory numerals)
	English letter "I"

|	
$\boxed{\begin{array}{c} \overline{} \text{ not} \\ \mathbf{I} \text{ ﻫ} \end{array}}$	Arabic character "ﻫ"
	Mathematical sign: subtraction
	Logical operator "not" in scientific calculation with [SHIFT] key
$\boxed{\begin{array}{c} \text{MR} \\ \mathbf{J} \text{ ﺕ} \end{array}}$	English letter "J"
	Arabic character "ﺕ"
	Arabic character "ﺙ" with [SHIFT] key
	Mathematical sign: [MR] (display numerals)
$\boxed{\begin{array}{c} \text{M−} \\ \mathbf{K} \text{ ﻥ} \end{array}}$	English letter "K"
	Arabic character "ﻥ"
	Mathematical sign: [M-] (memory subtract)
$\boxed{\begin{array}{c} \text{M+} \\ \mathbf{L} \text{ ﻡ} \end{array}}$	English letter "L"
	Arabic character "ﻡ"
	Arabic character "ﺵ" with [SHIFT] key
	Mathematical sign: [M+] (memory add)
	English letter "M"

|	
M AC ٶ ة	Arabic character "ٶ"
	Arabic character "ى" with [SHIFT] key
	Mathematical sign: [AC] (clear memory numerals and calculating steps)
N CE/C اك	English letter "N"
	Arabic character "اك"
	Arabic character "آ" with [SHIFT] key
	Mathematical sign: clear numerals
O + xor ةح	English letter "O"
	Arabic character "ح"
	Arabic character "خ" with [SHIFT] key
	Mathematical sign: addition
	Logical operator "xor" in scientific calculation with [SHIFT] key
P +/− ح	English letter "P"
	Arabic character "ح"
	Mathematical sign: positive/negative

|	
Q ض (1/X)	English letter "Q"
	Arabic character "ض"
	Mathematical sign: inverse
R ق (Xʸ)	English letter "R"
	Arabic character "ق"
	Mathematical sign: Y power of X
S س (Ln)	English letter "S"
	Arabic character "س"
	Arabic character "ﻵ" with [SHIFT] key
	Mathematical sign: natural logarithm
T ف (oʹʹʹ)	English letter "T"
	Arabic character "ف"
	Mathematical sign: o°(degree), ʹ(minute), ʺ(second)
	English letter "U"
	Arabic character "ع"
	Mathematical sign: multiplication

$\underset{\boxed{U\ \varepsilon}}{\overset{x\ \text{or}}{}}$	Logical operator "or" in scientific calculation with [SHIFT] key
$\underset{\boxed{V\ \text{ظ}}}{\overset{\pi\ \ddot{u}}{}}$	English letter "V"
	Arabic character "ط"
	Arabic character "ظ" with [SHIFT] key
	Mathematical sign: PI (π=3.14159…)
	phonetic alphabet "ü"
$\underset{\boxed{W\ \text{ص}}}{\overset{e^x}{}}$	English letter "W"
	Arabic character "ص"
	Mathematical sign: X power of e (e=2.71828…)
$\underset{\boxed{X\ \text{ذ}}}{\overset{\triangle}{}}$	English letter "X"
	Arabic character "ذ"
	Arabic character "ز" with [SHIFT] key
	Scientific calculation: angle conversion

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÷ and **Y غ**	English letter "Y"
	Arabic character "غ"
	Mathematical sign: division
	Logical operator "and" in scientific calculation with [SHIFT] key
Mode **Z ڈ**	English letter "Z"
	Arabic character "ء"
	Arabic character "ڈ" with [SHIFT] key
	Scientific calculation: mode conversion
⏻	Power ON/OFF
F 1 ~ F 5	Select the corresponding main menu
	Function keys, same as [F1]~[F5] on the screen
MENU	Switch the main menus
	Directly return to the main menu
SYLLABLE	Pronounce syllable by syllable for multi-syllable words on the explanation screen of dictionaries

TALK	Pronunciation key
SEARCH	Get into Search Engine
INS DEL	Delete a letter before/after the cursor or the selected string
	Switch between "insert" and "replace" with [SHIFT] under the editing mode
ORG TAB	Switch focus on some screens
	Return to original inputting screen with [SHIFT] key
CAPS SHIFT	Temporarily lock the keyboard for inputting capital letters in English
	Press [SHIFT] twice to lock keyboard for inputting capital letters in English
I-METHOD SAVE	Save an item
I FUNC	Select the item "I" in the main menu
	Open "Function" menu, same as [FUNC] on screen
	Hyphen for the next with [SHIFT] key

(ESC)	Exit from the current function or return to the previous screen
CHR$ [SPACE]	Enter a space when editing data
	Input symbols with [SHIFT] key
. [FONT]	Switch font size
	Decimal point for calculate or full stop for the text with [SHIFT] key
[ENTER ↵]	Confirm the current action
	Move the cursor to the next line to input data
	Equal to [=] to calculate result
[▲VOL] [◄] [►] [▼]	Up direction key; move the cursor up or scroll a line up. Open the sound volume setting with [SHIFT]
	Down direction key; move the cursor down or scroll a line down.
	Left direction key; move the cursor left or page left.

	Right direction key; move the cursor right or page right.
▲	Page up
	View the previous data
▼	Page down
	View the next data

3. Accessories Specification and Use

Panel	3.0 inch 240*96 FSTN screen
Battery	Alkaline battery AAA*2

Replacing Battery

* Remove the battery cover.

* Insert the battery according to the instruction on right; remove the battery lightly.
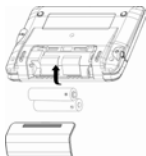
Notes:

* *When power is insufficient, please turn off the device.*

* *Personal data will be retained even the device is out of power. Please turn off the device first, and then take out the battery 3 seconds later. Otherwise, data may display*

unusually.

* If the screen of "LOADING…" appears repeatedly, this means the battery is no longer usable. Please change a new one.

4. Initialization or RESET

When you turn on the device for the first time or RESET the device, you should set your device according to the following steps:
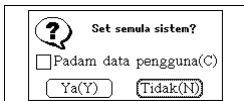
① Press [N] to access the main menu.

② Press [Y], system checks the data of memory to return to the default values. Then entering the Date/Time Setting screen. (It will display different city name in the Date/Time Setting screen for different country.)
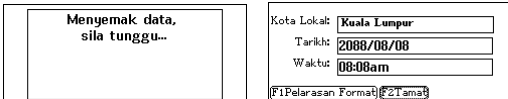
③ Select [C] first, and then select [Y] to clear all the data saved in the device. Then enter the Date/Time Setting

screen.

5. Introduction of the Function

Function select district ——

Main menu of one ——

function

1 MP3 国 1 MP3 国	Upside picture -- unselected Downside picture -- selected " 国 " -- Please log-in our website to download Online Service

* In the main catalogue and the main menu screens, press [MENU] to switch among functions.

*In the main menu screen, press the corresponding numeric key to access function items.

* In the function screen, press [MENU] to return to the main menu.

5.1 USB Disk

Through USB cable, you can move, duplicate or delete data and add new file folder, etc.

① Connect the device and PC by USB cable.

② Please safely remove the USB cable from PC before unlink, then escape from <SYS--PC Link> in the device.
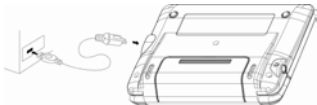
Notes:

During operation, please do not remove the link cable, otherwise the data will be lost or the device will be abnormal.

5.2 Download Operation

The device provides automatic search function and allows you to create new folder for data.

Dictionary Summary

☞ Provides smart input.

☞ Provides pronunciation and preview window on the index screen, and provides history function and the history record can be deleted.

☞ Provides three kinds of font sizes on the explanation screens of dictionaries: small, middle and large.

☞ Provides Multi-layered search up to 30 layers.

☞ Can cross search in corresponding dictionaries.

☞ Provides searching function for the highlighted words on the explanation.

☞ Provides pronunciation.

☞ Can pronounce syllable for words with multi-syllables.

DBP English-Malay Dictionary

✦ Provides secondary search: spelling check, the nearest word and add new word.

✦ Provides English and Malay explanations simultaneously.

✦ Provides example sentences, Grammar, Antonym, Synonym, Phrases, etc.

✦ Provides copyright information.

✦ Allows saving data for Revision.

DBP Malay–Malay Dictionary

✦ Provides secondary search: the nearest word and add

new word.

✦ Provides lots of Malay explanations.

✦ Provides example sentences, grammar, compound words, Phrases, derivations/root, etc.

✦ Provides Malay pronunciation for the keywords with the icon ◁⟩.

✦ Provides copyright information.

✦ Allows saving data for Revision.

Oxford English-English Dictionary

✦ Provides wildcard search.

✦ Provides secondary search: spelling check, the nearest word and add new word.

✦ Provides English and Malay explanations simultaneously.

✦ Provides example sentences, derivations/root, compound words, idioms, etc.

✦ Allows saving data for Revision.

✦ Provides copyright information.

Malay-English Dictionary

✦ Provides secondary search: the nearest word and add new word.

✦ Provides Malay and English explanations simultaneously.

✦ Provides example sentences, grammar, compound

words,

Phrases, derivations/root, etc.

✦ Allows saving data for Revision.

✦ Provides Malay pronunciation for the keywords with the icon ◁⁝.

✦ Provides copyright information.

Arabic-Malay Dictionary

✦ Provides Arabic words and phrases with Malay explanations.

✦ Provides copyright information.

Malay-Arabic Dictionary

✦ Provides secondary search: the nearest word and add new word.

✦ Provides Malay words and phrases with Arabic explanations.

✦ Provides Malay pronunciation for the keywords with the icon ◁⁝.

✦ Provides copyright information.

Malay-Chinese Dictionary

✦ Provides secondary search: the nearest word and add new word.

- ✦ Provides Malay words and phrases with Chinese explanations.
- ✦ Provides Malay pronunciation for the keywords with the icon ◁⑤.
- ✦ Provides copyright information.

Chinese-Malay-English Dictionary
- ✦ Provides Chinese words and phrases with Malay and English explanations.

Science and Mathematics Dictionary
- ✦ Provides Science and Mathematics dictionary.

ICT Dictionary
- ✦ Provides to search information and communication technology.
- ✦ Provides Malay and English explanations.

Slang Dictionary
- ✦ Covers abundant common slang with detailed explanations in English and Malay, provides abounding example sentences.

Word Component

✦ Covers 6000 words.

✦ Provides prefix, suffix, root and syllable pronunciation.

Searching Engine

✦ Provides search service in the built-in dictionaries.

Revision Dictionary

✦ Allows revision for the words saved in DBP
English-Malay Dictionary, DBP Malay-Malay Dictionary,
Oxford English-English Dictionary and Malay-English
Dictionary.

DIY Dictionary

✦ Allows creating and extending data in dictionary.

✦ Allows duplicating, modifying and deleting data.

1. Dictionary Index

After dictionary function is accessed, the index screen of
all entries will appear first. On this screen, you can press
the Page Up/Down key for search or input words to search
explanations.

* In the index screen, please input the words which you
want to search, then press [ENTER] key to view the
exact meaning of the word.

* Press [TALK] key to listen to the pronunciation of the words.
* Choose [ENTER] key to enter the explanation screen, choose [ESC] to return to the previous menu.
* Provides multi-dictionaries for all dictionaries. Press [SEARCH] key to search in several dictionaries.
* Secondary search and wildcard search are not available in some dictionaries. Please refer to the introduction of dictionary.

1.1 History

Choose [F5History] to view the words that have been looked up recently (Up to 200 words can be recorded). Press [DEL] to delete the records one by one. Choose [F5History]. Press [DEL] to delete the selected item.
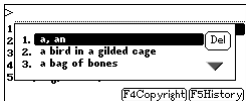
Press [ESC] to exit.

1.2 Language Selection

Choose [F1Malay] to select a corresponding language.
e.g.: ICT Dictionary

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2. Dictionary Explanation

* Input words to be looked up and access the explanation
  screen.
* Press the Page Up/Down key to look up the
  previous/next explanation.
* Press [SHIFT] first, and then press the Page Up/Down
  key to view the explanation of the current word on the
  previous/next page.
* Provides pronunciation function.
* Three kinds of font sizes can be switched.
* Translation for the selected words, the cross search
  layer up to 30.
<Some dictionaries will provide following functions>:
* Provides syllable pronunciation for words with
  multi-syllables.
* Provides example sentences for reference.

2.1 Font Size

In the explanation screen, 3 kinds of font sizes can be
selected. Press [FONT] to switch.

2.2 Saving Data

Press [SAVE] in DBP English-Malay Dictionary, DBP
Malay-Malay Dictionary, Oxford English-English Dictionary

and Malay-English Dictionary to save words or sentences for review and test. Only the saved data can be displayed in "DICT-Revision Dictionary".

2.3 Pronunciation

* Press [TALK] to listen to the pronunciation of the words.
* Press [SYLLABLE] to pronounce keywords syllable by

  syllable.
* Press [ESC] to stop

  pronunciation.

* Press [SHIFT] and Up

  key to set volume and speed of pronunciation.

a. Press [TAB] or the Up/Down key to select the item.

b. Press the Left/Right key to set the value.

c. Press [F1Default] to return to the default setting. Press

  [F2Finish] to confirm.
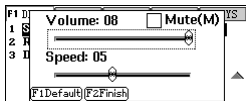
3. Searching Data

Device provides several search methods to help users.

Index screen:

1. Smart input search
2. Wildcard search (Only available for English)
3. Secondary search
4. Cross search

Explanation screen:

1. Multi-layered search
2. Related data search
3. Search

3.1 Smart Input Search

Just input the first one or several letters, you can find the desired words or phrases.

There are 4 kinds of methods:

* Input the first or first several letters of a word to be looked up, and then press [ENTER] to confirm.
* As for Chinese character, input the first one or several Chinese characters to be looked up, and then press [ENTER] to confirm.
* Press [1~5] to select the corresponding word or character.
* Press the Page Up/Down key to look up. Press the Up/Down key to move the cursor to select words, and then press [ENTER] to confirm.

3.2 Wildcard Search (Only Available for English)

To look up a word that you are not sure of spelling, input all the letters you know, and then replace the unknown letter(s) with"?" or"*".

Steps:

* Input the English letters that you are sure of.
* Input unknown letters with "?" or "*".
* Press [ENTER], the list of words matching with your input
  will be displayed.
* Press the Page Up/Down key to look up.
* Press the Up/Down key to move the cursor to select
  words.
* Press [ENTER] to search.

Notes:

***"?" stands for an unknown letter; "*" stands for a string of
unknown letters.***

3.3 Secondary Search

If the word you input is not found, please check your
spelling, or that this word not covered in this dictionary.
The device will provide 2 kinds of searching methods and
1 recording method:
Spelling Check -- displays the list of words similar in
spelling.
The Nearest Word -- displays the nearest word in order.
Add New Word – adds the unfound word into DIY
Dictionary.

Steps:

* Input English word, then press [ENTER] to search.

* Press the corresponding numeric keys to search.

* If "Spelling Check" is selected, press the Up/Down key to
  select the desired word, and then press [ENTER] to
  confirm.

* If "The Nearest Word" is selected, it will display the
  explanation of the nearest word.

* If "Add New Word" is selected, you can add the word into
  DIY Dictionary.

**3.4 Multi-layered Search (Search on the Explanation
Screen)**

Multi-layered Search led you cross search the unfamiliar
words or phrases. The number of the layer will be
displayed at the top right corner.

A. On the explanation screen, highlight the Chinese
   character(s) or English word(s) to be looked up.
   By the keyboard:
   Press the Right key to locate the cursor. Move the
   cursor to the word.

B. Press [ENTER] to search or press [F1], [F2], [F5] to
search in the corresponding dictionaries.[F1] and [F2]
provide search in the commonly used dictionaries. [F5] is

Search. At this time, the function of [F1] is the same as that of [ENTER].

C. Press [ESC] to return to the previous screen.

3.5 Multi-Dictionaries

Search function can search for the input data accurately and efficiently.

1. When you press [SEARCH], device will show you screen at right. You can select the scale of searching. Input the word which you want to search. Press [ENTER] to view the result of searching.
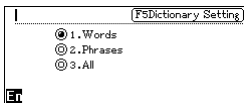
2. When you use the Multi-layered Search, please choose [F5 Search] to access the function of searching, operate as the following picture.
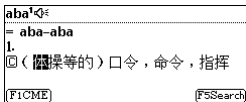
3. Choose [F5 Search], there will show you the search screen, you can press Up/Down key to look up the

previous/next page.

English Summary

> ☞ Provides abundant dialogues in multi-language.
> ☞ Provides useful vocabularies, IELTS vocabularies and
>   vocabularies TOEFL.
> ☞ English series help you to learn English through
>   grammar, sentences exercise, proverb and etc.

Multi-language Dialogue

✦ Provides a variety of multi-language dialogues.
✦ Allows inputting keywords for quick search.
✦ Provides pronunciation for the displayed three
   languages.
✦ Provides play and learn function to strengthen
   listening.

Useful Vocabularies

✦ Provides useful vocabularies in kinds of
   classifications.

Interactive English

✦ Includes abundant embedded conversations.

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✦ Provides English dialogues with recorded human voice.

✦ Allows cross searching.

English Proficiency Test

✦ This is a test to verify your listening comprehension ability. Choose answers according to the questions, pictures, conversations or dialogues.

✦ There are 6 tests embedded in the device.

✦ Provides "Mock test" and "Practice Room".

✦ Allows cross searching.

English Grammar

✦ Provides English grammar study.

English Sentence Exercise

✦ Provides sentence making with level setting.

✦ Provides pronunciation and searching in DBP EM dictionary.

Proverb

✦ It includes lots of English Proverbs that have English and Malay explanations simultaneously.

Idiom

✦ It includes lots of English Idioms that have English
and Malay explanations simultaneously.

IELTS Vocabulary
✦ Provides IELTS vocabulary study.

TOEFL Vocabulary
✦ Provides TOEFL vocabulary study.

Part of Verbs
✦ Provides English Irregular Verbs and regular
Verbs.

Phonetic Symbols
✦ Provides pronunciation of English phonetic symbols.
✦ Provides shifting between K.K. and D.J. phonetic
symbols.

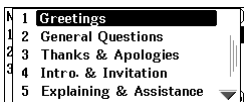## Business English
✦ Provides Trade English and Business letters.

1. Language Study Series
*Take Multi-Language Dialogue for example.

Index screen   Class of General

Conversation

Multi-language Dialogue ▼
1 **General Conversation**
2 Air Travel
3 Hotel & Restaurant
F4Review F5Search

N 1 **Greetings**
1 2 General Questions
2 3 Thanks & Apologies
3 4 Intro. & Invitation
   5 Explaining & Assistance ▼

Select Greetings

Select [F2 Play]

[M]①◁③Hai.
[E]②◁③*Hi!*
[C]③◁③嗨。
F1Language F2Play   F5Search

[M]①◁③Hai.
[E]②◁③*H* 1 **Malay**
[C]③◁③嗨 2 English
           3 Chinese
F1Language F2Play   F5Search
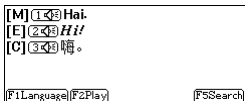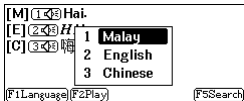
Select [F5 Search] to search

Select English and Input words "see"

✎| F5Search
F1Range: ▼Malay
F2 ☐ Match Case
F3 ☐ Match Whole Word
En[Caps]

✎ seel   F5Search
F1Range: ▼English
F2 ☐ Match Case
F3 ☐ Match Whole Word
En

Press [ENTER]

[M]①◁③Selamat tinggal. Kita
    jumpa lagi.
[E]②◁③*Goodbye. See you*
    later.
[C]③◁③再会。
                F4Continue F5Finish

34
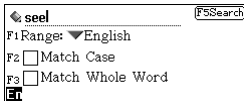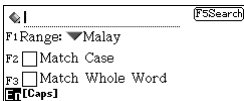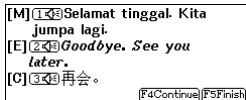
2. English Study Series

*Take Interactive English for example.

Interactive English provides dialogues to help you quickly master vocabularies, example sentences and usages.

Index Screen   "The Battle of

                                The Sexes (01)"

```
1 The Battle Of The Sexes
2 Shopping
3 Bank
```

```
Situation:
David and Lisa are discussing
the comic trip.

[F1Play] [F2Cont] [F3Copyright]
```

The Sexes (01)"   All+Play

```
D: Don't men and women
   approach buying things
   differently?
L: Yes. The man here is more
   concerned with not being
[F1All] [F2Single]
```

```
D: Don't men and women
   approach buying things
   differently?
L: Yes. The man here is more
   concerned with not being
[F1Pause]
```
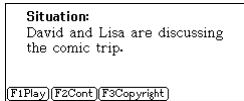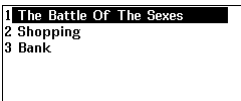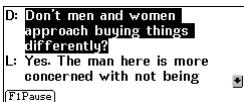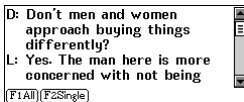
3. Pronunciation

*Take Phonetic Symbols for example.

Phonetic Symbol provides standard phonetic symbol pronunciation with key point and example words.

* Allows to switch between vowel and consonant.

* Press [F1Pron] to listen to all the phonetic symbols

  continuously; press the numeric keys at the end of

  each line to listen to syllable pronunciation for the current

line.

* Press [F5K.K/D.J] to switch between K.K and D.J.

* Press the Up/Down key, or press the Page Up/Down key to
  select phonetic symbols.

  phonetic symbols

Vowel		Consonant	
[i:] legal	female	1 ◀
[i] skill	middle	2 ◀
[e] smell	better	3 ◀
[æ] stamp	bad	4 ◀
F1Pron.◀		⌄ F5Hindi

Malay Summary

☞ Provides Numeral Coefficient, Malay Grammar, Proverb,
Simile, Idiom, Malaysian History and so on.

Numeral Coefficient

✦ Provides numeral coefficient.

Malay Grammar

✦ Provides Malay grammar study.

Malay Proverb

✦ It includes lots of Malay Proverbs that have Malay
explanations.

Malay Simile

✦ It includes plenty of Malay words and Malay sentences
that have simile.

Malay Idiom
✦ It includes lots of Malay Idioms that have Malay
explanations.

Malaysian History
✦ Provides Malaysian history.

National Principles
✦ Provides national principles.

Islamic Scholar
✦ Provides Islamic scholar.

State Geographical Information
✦ Provides State geographical information.

Chemical Elements
✦ Provides chemical elements study.

Reference of Physics
✦ Provides reference of physics.

Malaysia Prime Minister Info

✦ Provides much information of six Malaysia Prime Ministers.

1. Malaysia Prime Minister Info

Introduces each of the six Malaysia Prime Ministers from five aspects as follows: background, education, leadership, his journeys to become a PM and his contribution towards our country.

Main menu   Select 1 as example

```
1 Tunku Abdul Rahman (1957-1971)    1 Background
2 Tun Abdul Razak (1971-1976)       2 Education
3 Tun Hussein Onn (1976-1981)       3 Leadership
4 Tun Dr. Mahathir Mohamad ...      4 His Journeys To Become A PM
5 Tun Abdullah Haji Ahmad ...       5 His Contribution Towards Our...
6 Dato' Seri Najib Tun Razak ...
```

Select background   Press [F1 E/M] to
from five aspects   switch to Malay

```
1.His real name was Tunku           1.Nama sebenar beliau adalah
  Abdul Rahman Putra Al-Haj           Tunku Abdul Rahman Putra
  ibni Almarhum Sultan Abdul          Al-Haj ibni Almarhum Sultan
  Hamid Halim Shah.                   Abdul Hamid Halim Shah.
2.Tunku was born on February 8,     2.Tunku dilahirkan di Alor Setar
F1 E/M                              F1 E/M
```

Application Summary

☞ Multimedia study series allow to download data through PCLink.

☞ Provides amusing functions of games world, eBook, etc.

☞ Provides world Time, Calendar/Takwim, Class Schedule, Calculator and so on.

MP3

✦ MP3 player, which supports simultaneous conveyance of music and lyrics.

✦ Provides A-B record node playing function of MP3 file.

✦ Allows downloading songs.

Games World

✦ There are four games for you to play.

Text Browser

✦ Provides the settings of font size and text reading.

✦ Allows downloading Text.

eBook

✦ eBook browser.

✦ Allows downloading eBook.

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World Time

✦ Display the local time and the time of 1 other city simultaneously.

✦ Provides hundreds of world cities for selection.

✦ Allows adjusting local city, date and time.

✦ Provides settings of daylight-saving time (DST or summer time) and 12/24-hour systems.

✦ Provides timer and stopwatch.

Calendar/Takwim

✦ Provides calendar from 1910 to 2099.

Memorandum

✦ Classified into 3 fields, the names of which can be modified.

✦ Allows copying, modifying, deleting a record or creating a new one.

✦ Allows editing custom fields.

Class Schedule

✦ Create information in different input methods.

✦ Allows to copy, modify, delete records or create new ones.

Calculator

✦ Provides basic arithmetical operations, memory operations, and others such as percentage and square root.

Scientific Calculator

✦ Provides such functions as trigonometry, logarithm, angle and radian conversions.

Unit Conversion

✦ Provides Unit Conversion of length, temperature, area, cubic measure, heat, capability, power, weight and pressure.

Currency Exchange

✦ Provides conversion function of 109 currencies and 3 user-defined currencies, as well as the exchange rate setting.

1. MP3

Simultaneous conveyance of music and lyrics

* Press [R] key to open/close the repetitive playing state.

Then press [A] / [B] key to set bit/stop bit, and icon ◢ / ◣ will be played when you are setting.

* After setting, the device will play the section between ◢ and ◣.

* When pause or stop, the lyrics can be cross searched.

Note:

The function of simultaneous conveyance of music and lyrics can be realized only if the two files with the same name and with the suffixes as ".lrc" and ".mp3" are put into the same folder.

2. Calculator

Calculator provides basic arithmetical operations, memory operations, and others such as percentage and square root.

Example:

| Operation key	Example	Steps	Result

42
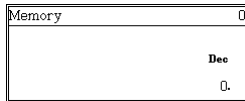
$\boxed{\text{P}\varepsilon}^{+/-}$	25+(-5)	Input 25, press [O], input 5, then press [P], press [ENTER]	20
$\boxed{5}^{\%}$	1%	Input 1, press [SHIFT], press[5]	0.01

3. Scientific Calculator

Scientific Calculator provides such functions as trigonometry, logarithm, angle and radian conversions.

```
DEC  DEG
|


F1Func F2Calc              F5Clear
```
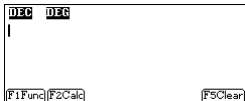
Function Keys of Scientific Calculator:

∗ Press [F2 Calc] and [ENTER] both can get results; press [F5 Clear] to clean all .

∗ Press $\boxed{\text{Z}^{\text{Mode}}}$ to shift mode.

[DEC]: decimal system
[HEX]: hexadecimal system
[OCT]: octal system
[BIN]: binary system

* Press $\boxed{\text{X}}$ to shift angles.

[DEG] : degree
[RAD] : radian
[GRAD]: gradient

∗ Press [F1 FUNC] to shift functions.

sin: sine

cos: cosine

tan: tangent

asin: contrary to the sine

acos: contrary to the cosine

atan: contrary to the tangent

sinh/ cosh/ tanh/ asinh/ acosh/ atanh: calculate hyperbolic functions

Example:

Operation key	Example	Steps	Result
$\frac{1/x}{Q}$	$1/3$	Press 3->[Q]->[ENTER]	0.333
$\frac{e^x}{W}$	e^2	Press [W] ->2->[ENTER]	7.389
$\frac{x^2}{E}$	2^2	Press 2->[E]->[ENTER]	4

|			
R x^n	2^3	Press 2->[R]->3->[ENTER]	8
T $\circ'''$	$\sin(30^\circ)$	Press[F1] ->1->30->[T] ->[ENTER]	0.5
A $\log x$	$\log 100$	Press [A]->100->[ENTER]	2
S $\ln x$	$\ln 4$	Press [S]->4->[ENTER]	1.386
D $\sqrt{}$	$\sqrt{4}$	Press [D]->4->[ENTER]	2
F $\sqrt[x]{}$	$\sqrt[3]{8}$	Press 8->[F]->3->[ENTE]	2
G 10^x	10^2	Press [G]->2->[ENTER]	100
C exp	5E2	Press 5-> [C] ->2 ->[ENTER]	500
V π	10π	Press 10->[V] ->[ENTER]	31.415
B x!	3!	Press 3-> [B] ->[ENTER]	6
Y ÷ and	1 AND 2	Press1 ->[SHIFT] ->[Y]->2->[ENTE]	0

$\boxed{\text{U}\epsilon}$ x or	1 OR 2	Press 1->[SHIFT] ->[U]->2->[ENTE]	3
$\boxed{\text{O}c}$ + xor	1 XOR 2	Press1->[SHIFT] ->[O]->2->[ENTE]	3
$\boxed{\text{I}}$ – not	1 NOT	Press [SHIFT] ->[I]->1-> [ENTER]	-2

Notes:

The above results only retain three significant digits after the decimal point.

System Summary

☞ Provides function of device setting, it makes your operation easier.

☞ Provides Memory Management and File Management to clean up and manage your folders.

PC Link

✦ Allows exchanging data with computer via PC Link or transferring downloadable titles, files and software from computer.

Memory Management

✦ Provides memory management for the device and the extension card.

✦ Allows deleting personal data.

✦ Allows optimizing memory management.

After Service

✦ Provides the information of our company, such as telephone, website, OS version, E-Mail and product No. of this device.

Password Setting

✦ Provides the security of personal data.

Startup Picture

✦ Set none/build-in/system picture as startup picture.

Language Setting

✦ Provides English List/Malay List/English Icon/Malay Icon menus to switch.

Power Management

✦ Provides settings of auto power off time.

File Management

✦ Provides data management in several functions.

✦ Allows creating new file folder, renaming and deleting folder.

✦ Allows editing or deleting file.

Sound Setting

✦ Allows setting startup music and key tone.

Takwim Setting

✦ Provides Takwim setting.

LCD Contrast

✦ Adjust contrast.

Volume Setting

✦ Adjust volume and speed of sound.

Battery Capacity

✦ Check battery power.

1. PC Link

Connect the device with PC via PC Link cable, and then you can transmit data. There will be a message indicating the

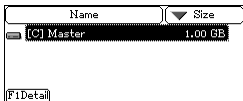current connection status during and after transmission.

While connecting:

!! Please do not interrupt, otherwise data may be lost.

!! Before pulling out the USB connecting line, please
    uninstall the USB device safely.
---

2. File Management

You can create new folder or rename folder.

Open the top path   Press [ENTER] to access
                                 the selected disk

Name	▼ Size
[C] Master	1.00 GB

F1Detail

Name	▼ Size
.. [C:]	
☐ STUDY	
☐ MULTI	
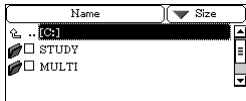
2.1 Creating New Folder

① Open the path in which you want to create new folder,
   and press [FUNC] to select "2 New Folder".

② The default name of new folder is "MYDIR". Input new
   name and then press [ENTER] to confirm.

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Creating new folder

Name	▼ Size
⌂ ..[C:]	
📁 MYDIR	
📁 □ MULTI	
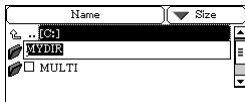
2.2 Rename

* Choose your desired file, and then press [FUNC] to select
  "3 Rename".
* Input new file name, and then press [ENTER] to confirm.

2.3 Putting Folders in Order

* Select ▼ to select item, as which the folder will put in
  order.
* Select "Name" to put folders in the order of "Name" which
  will be marked by $\triangle/\triangledown$.

2.4 Format

Select disk or file to be   Formatting
formatted

Disk: ▼[C] Master
File System: FAT32
Capacity: 383 MB
Disk Format: ▼FAT32
Format(F)   Quit(Q)

Disk: ▼[C] Master
File System: FAT32
Capacity: 383 MB
Disk Format: ▼FAT32
12%