# **MARS System Instruction Manual**

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# **1. Function Introduction**

## 1.1. Home Page

The home page is the default main interface of the system. functions include: Status Bar. Function Bar. Quotation, Reading Time Statistics, Quick Application Display, Recent Reading and Recent Added



## 1.1.1. Status Bar

Click the refresh icon in the Status Bar, users can freely switch the ordinary brush and the A2 brush; click the multi-task management and enter the multi-task management interface, users can switch and clear the background task, etc.

Click the Status Bar and pull out the Menu, then users can adjust backlight, volume ,contrast, WiFi, Bluetooth switch settings. Long press Wifi, Bluetooth and battery percentage, then users can enter the corresponding details interface;

If there is any message reminder from the system, it will be displayed in the "Notification" window. Click the clear icon in the upper right corner to clear the notification information in the notification window.



#### 1.1.2. Function Bar

Function bar includes Home Page, Bookshelf and Application.

Home Books App

## 1.1.3. Quotation

Users can add quotation manually, select preset or newly added quotation to [Edit] and [Use].

[Edit] Enter the editing state, save or cancel the text content after editing; [Use] The selected quotation is displayed in the Quotation Bar on the Home Page; Delete the quotation by long pressing it.

#### 1.1.4. Reading Time

Record the total reading time of users in the past seven days and the reading time of the day;

#### 1.1.5. Quick Application Display

The quick application will be displayed by default according to the recent used time. Users can also customize the settings application display (setting path: Browse Settings-User Settings-Home Shortcut key Application Settings)

#### 1.1.6. Recent Added, Recent Reading

Books copied by users to the device are scanned and displayed in the [Recent Added] Bar, and books that have been read are displayed in the [Recent Read] Bar;

Long press the book cover in [Recent Added] Bar or [Recent Read] Bar, the dialog box will pop up, including book title, author, book size, book type, reading time, number of comments added, reading progress, function of clearing reading progress, function of marking as read, functions of deleting and setting opening mode.

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Ballads, Told to	orites and Fair	ies Even	y Child	Child Should

# 2.1. Bookshelf

The default display path of Bookshelf is the files and folders under the BOOKS directory in the device and SD card; In addition, books uploaded via WiFi can also be displayed in this interface. Functions include: Grids Mode Settings, Book Search, Book Management, Bookshelf Settings and Rescan Book Settings;



## 2.1.1. Grids Mode

The Bookshelf is defaulted as 3\*3 Grids Mode. Click the Settings Button in the upper left corner to switch to: 4\*3 Grids Mode, List Mode, Tile Mode.



### 2.1.2. Search

Click the search icon and enter the Book Search interface. The keyboard is turned on automatically. After entering the vocabulary, the search results can be automatically displayed by word association.

### 2.1.3. Book Management

The functions include delete, move, single and full selection, which is convenient for users to classify and manage books. Books can be moved to existing folders or new folders. Books can also be moved directly by long pressing in the Bookshelf interface.



# 2.1.4. Bookshelf Setting

Book Display in Bookshelf can be set by [Filter] and [Sorting].



## 2.1.5. Rescan Books

Click Rescan Books to rescan books within the set path (consistent with the set path and system settings).

# 3.1. Application

This interface displays all user installations and system preset applications; the snowflake icon on the left

is Application Start-up Management, and the menu on the right includes "Application Management" and "Application Sorting".



## 3.1.2. Application Management

Click Application Management to enter the system App management interface directly, users can manage App (uninstall, clear data, set permissions, etc.)

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Apps	¢ :
Android Keyboard (AOSP) 2.81 MB	
Android Settings 5.87 MB	
App Store 9.77 MB	
Boyue OS 92.43 MB	
Browser 2.62 MB	
Rock, DeviceTest(android4.2) 4.77 MB	
Downloads 36.00 KB	
FileManager 432 KB	
Gallery 596 KB	
Music 0.89 MB	
Provision	

# 3.1.3. Application Sorting

Users can sort all App settings;

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Downloa	Wi-Fi book tra	A Dictionary	App Store	Music
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Galler	Applications sort			pid Settin
	Sorting			
	Installation time	O Using time	🔿 Name	
	O Ascending	Descending		
		Cancel	Confirm	
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## 3.1.4. Long Press Application Function

Long press the third-party application icon, users can uninstall, turn on full-screen mode, A2 mode, bleaching function, animation filtering delay, application refresh frequency, image brightness adjustment, DPI adjustment, application contrast adjustment settings.

4.3.7_RC06.207106774	<u> </u>
Full screen mode Full screen display when the app starts	
A2 mode Faster refresh rate	
Bleaching function Used for interfaces that are not compatible with the original black background	
Animation filtering delay 0 ms — O	+
Application refresh rate	+
Image brightness adjustment 0 — O	+
DPI adjustment(System default:320dpi) 320 — O	+
Contrast adjustment	
Use system contrast 1 - O-	+

## 4.1. Booking Uploading via WiFi

(1) Reader and computer are connected to the same network.

(2) Input the website address displayed in the Booking Uploading via WIFI interface to the computer, it can start uploading the book.

(3) After all the books on the web page are uploaded successfully, the device will return to the Bookshelf interface, and the books will be automatically added to the Bookshelf.

Note: The mobile device can only select one file to upload at a time.



# 5.1. File Manager

The Home Page of File Manager displays the supported format category, click each category to display all the files under this category;

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K FileManager			
Interr	nal Total:12	.79GB Available	e:12.26GB >
['''] Extern	<i>al</i> Total:119	.05GB Available	e:92.31GB
EPUB	TXT	PDF	МОВІ
EPUB (263)	TXT (521)	PDF (117)	MOBI (358)
FB2 FB2 (4)	DOC DOC (5)	AZW AZW (13)	Picture (78)
Music (63)	APK (19)	Zip (1)	
~			

Click [This Device] to enter the File Manager, functions include: Search, New Folder, Viewing Mode, File Management;



## 5.1.1. Search

Click the search icon and enter the Search interface. The keyboard is automatically turned on and the search results are available by entering search terms.

### 5.1.2. New Folder

Create a new folder to sort and manage different files;

# 5.1.3. Viewing Mode

Users can set the display mode of the interface via [Icon Mode] and [Sort Mode]

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## 5.1.4. File Management

Operations such as delete, copy, cut and paste can be performed.



## 6.1. Settings

Users can enter the settings page to complete all settings for the device, including WiFi, Bluetooth, Reading Settings, User Settings, Power Management, Device Settings, Applications, System Updates, About the Device, etc.

ඛ	· ← ℓ) □	+ 16:12
Use	r Settings	
((:	Wi-Fi Set up & manage wireless access points	>
∦	Bluetooth Manage connections, set device name & discoverability	>
2	Reading settings Page turning mode and page refreshing settings	>
P\$	User settings Library scanning settings and Wallpapers	>
\$	Power management Lock screen and automatic shutdown settings	>
	Device settings Lock screen password and language keyboard settings	>
$\bigcirc$	Apps Manage apps	>
	System updates Function Improvements and firware updates	>
i	About device View legal info, status, software version	>

# 6.1.1. WiFi

Set up and connect the wifi network in this menu.

# 6.1.2. Bluetooth

Set up and connect the Bluetooth network in this menu.

### 6.1.3. Reading Settings

Users can have page turning mode settings and page refresh in this menu, which is consistent with the function in the reader.

#### 6.1.4. User Settings

Users can have book catalog scanning settings, default main interface settings, home page shortcut application settings and wallpaper settings in this menu.

#### 6.1.5. Power Management

Users can have sleeping time, shutdown time, WiFi automatic shutdown time setting in this menu.

#### 6.1.6. Device Settings

Users can have screen locking password settings, language and input method settings, and restore factory settings in this menu.

#### 6.1.7. Application

Users can uninstall APP, clear data and permission setting in this menu.

#### 6.1.8. System Upgrade

Users can update the system version in this menu.

#### 6.1.9. About the Device

Users can view the device model, device version number, serial number, device MAC address in this menu.

#### 7.1. Reader

This device supports books in the following formats: TXT, EPUB, PDF, MOBI, AZW3.

Words can be selected in the Reading interface: By long pressing the words, the words are selected, then the dialog box will pop up with options such as settings, copy, underline, annotation, encyclopedia, dictionary;

**Settings;** Click and switch to the dictionary priority setting interface.

**Copy Selected Words;** After selecting on the dialog box, users can copy the selected content, long press the screen to paste the copied content in any editing interface;

Underline Selected Words; After selecting on the dialog box, the selected words display the underline;

**Add annotation:** After selecting on the dialog box, enter the interface to edit the annotation; after saving the annotation, the words will be highlighted, click on the highlighted part or enter the annotation list to view the annotation information;

**Encyclopedia for Selected Words:** After selecting the encyclopedia on the dialog box, users can search the selected words in the encyclopedia;

**Translation for Selected Words:** After selecting the dictionary on the dialog box, the translation function will start working. If the entry words exist in the device's thesaurus, there is a corresponding translation; if the entry words do not exist in the device's thesaurus, there is a corresponding prompt.

## 7.1.1. Reading Progress0

Click the reading progress icon to adjust the backlight brightness, search keywords, enter the Table of Contents interface, and users can also adjust the progress bar at will or click the left and right buttons of the progress bar to view the previous chapter and the next chapter.



## 7.1.2. Format

Font, font size, typesetting, contrast, automatic page turning, horizontal screen reading can be set in this menu.

[Font]: Click More Button on the right side of the menu to customize the reading font.

[Font Size]: Click More Button on the right side of the menu to set the font size, users can set bold and italic (bold and italic require font support).

[Typesetting]: Click More Button on the right side of the menu to set line spacing, segment spacing, word spacing, left and right spacing, and upper and lower spacing.

[Contrast]: Adjustable blackening of text and pictures.

[Automatic Page Turning]: Different time periods can be set for automatic page turning.

[Horizontal Screen]: Horizontal and vertical screen settings can be made.



# 7.1.3. Reading Settings

Page turning settings, page refresh settings, control operations and page settings can be made.

< Reading Settings
page-turning settings
Select the page turning mode suitable for your reading
$\left\langle \begin{array}{c} \\ \end{array} \right\rangle \\ \left\langle \begin{array}{c} \\ \end{array} \right\rangle \\ \left\langle \begin{array}{c} \\ \end{array} \right\rangle \\ \left\langle \end{array} \right\rangle \\ \left\langle \begin{array}{c} \\ \end{array} \right\rangle \\ \left\langle \end{array} \right\rangle \\ \left\langle \begin{array}{c} \\ \end{array} \right\rangle \\ \left\langle \begin{array}{c} \\ \end{array} \right\rangle \\ \left\langle \end{array} \right\rangle \\ \left\langle \begin{array}{c} \\ \end{array} \right\rangle \\ \left\langle \end{array} \right\rangle \\ \left\langle \begin{array}{c} \\ \end{array} \right\rangle \\ \left\langle \begin{array}{c} \\ \end{array} \right\rangle \\ \left\langle \begin{array}{c} \\ \end{array} \right\rangle \\ \left\langle \end{array} \right\rangle \\ \left\langle \begin{array}{c} \\ \end{array} \right\rangle \\ \left\langle \end{array} \right\rangle \\ \left\langle \begin{array}{c} \\ \end{array} \right\rangle \\ \left\langle \end{array} \right\rangle \\ \left\langle \end{array} \\ \left\langle \end{array} \right\rangle \\ \left\langle \end{array} \right\rangle \\ \left\langle \end{array} \\ \left\langle \end{array} \\ \left\langle \end{array} \right\rangle \\ \left\langle \end{array} \\ \left\langle \end{array} \\ \left\langle \end{array} \right\rangle \\ \left\langle \end{array} \\ \left\langle \end{array} \\ \left\langle \end{array} \right\rangle \\ \left\langle \end{array} \\ \left\langle \end{array} \\ \left\langle \end{array} \\ \left\langle \end{array} \right\rangle \\ \left\langle \end{array} \\ \left\langle \end{array} \right\rangle \\ \left\langle \end{array} \\ \left\langle \end{array} \\ \right\rangle \\ \left\langle \end{array} \\ \left\langle \end{array} \right\rangle \\ \left\langle \end{array} \\ \left\langle \end{array} \right\rangle \\ \left\langle \end{array} \\ \left\langle \end{array} \\ \right\rangle \\ \left\langle \end{array} \\ \left\langle \end{array} \\ \right\rangle \\ \left\langle \end{array} \\ \left\langle \end{array} \\ \left\langle \end{array} \\ \right\rangle \\ \left\langle \end{array} \\ \left\langle \end{array} \\ \left\langle \end{array} \\ \\ \left\langle \end{array} \\ \right\rangle \\ \left\langle \end{array} \\ \left\langle \end{array} \\ \left\langle \end{array} \\ \\ \\ \\ \\ \\ \left\langle \end{array} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $
settings of page refresh
refresh frequency Every turning 20 pages,there will be a full brush.
control function and page settings
<ul> <li>display bottom information bar</li> <li>enable to control the font size with two fingers</li> </ul>
✓ enable to display percentage of pages

### 7.1.4. Table of Contents

Click a chapter in the List interface to skip the page, switch menu to view bookmarks, underlined notes and annotations, export notes to impression notes.

## 7.2. PDF Book Reading

The PDF typesetting functions include: Contrast, Typesetting Settings, De-watermarking, Horizontal Screen and Rearrangement. Other functions are consistent with the functions of EPUB books;

[Contrast]: Click More Button on the right side of the menu to adjust the contrast through grayscale and brightness;

[Typesetting]: Automatic trimming, manual trimming, full screen, reel, adaptive width, and columns can be made.

[De-watermarking]: Watermarks from watermarked books can be removed.

[Horizontal screen]: Horizontal and vertical screen settings can be made.

[Rearrangement]: Font size, word spacing, line spacing, contrast can be made.

Note: The scanned version of PDF books does not support the words selection function. The rearrangement function is mainly for the scanned version of PDF books.

### 8.1. Dictionary

Supported dictionary formats: StarDict Dictionary, Mobi Dictionary

### 8.1.1. Dictionary Installation

Put the dictionary in the Dict folder under the root directory (if users can't find the Dict folder, it can be created manually).

### 8.1.2. Dictionary Use

Search words: Enter the words and then click Query;

Translation: Enter the text that needs to be translated in the source language, select the target language and then click Translate;

New words: All new words (that is, all the words that have been looked up); new words in the book (that is, words in the book that have been looked up).

Settings: Priority settings for word lookup dictionaries.

# **2. FAQ**

#### 2.1. How to Switch On/Off

In the shutdown state, press the On/Off Button for 2 to 3 seconds to enter the boot animation interface, and enter the operation interface after the progress is finished.

In the boot state, press the On/Off Button for 2 to 3 seconds, the system will pop up a dialog box indicating whether to shut down or not. Select yes and shut down.

#### 2.2. How to Charge

Connect the device to computer USB for charging via the data cable; Connect the USB and the device to the AC socket for charging via the adapter; Direct charging will be faster than connecting the USB with computer.

#### 2.3. How to Transmit Data

Connect the device and the computer for data transmission via USB data cable.

### 2.4. How to Upgrade

You can upgrade the software by following these steps;

- Download the card brush bag, copy the zip folder named update.zip to the device root directory, and enter the Settings System Update Menu. Click Local Detection Update and then click Install Now in the pop-up menu. The device will automatically restart and complete the update.
- Click Download in the pop-up prompt box. After the completion, the device will automatically restart and update. Note: please do not do anything during the upgrade, otherwise it may not be able to boot.

## 2.5. How to Set Up Standby Wallpaper (Photo size: 1404\*1872)

You can set up standby wallpaper in the following two ways;

- Enter "Settings-User Settings-Wallpaper Settings-Custom Lock Screen Wallpaper" (Please put the wallpaper in the Wallpaper Folder under the root directory first)
- Enter the photo gallery, select and open the picture, and click the wallpaper icon in the upper right corner to set it to wallpaper.2.6

## 2.6. How to Set Fonts

It is unable to set the system font for the time being. Please refer to "7.1.2 Layout [Font] Setting" for Reader Font Settings.

## 2.7. How to add bookmarks

