BOOX

Mobile ePaper Series

Universal User Manual

V4.0

Onyx International Inc.

www.boox.com

1.Copyright Declaration

Onyx International Inc. reserves the right to make changes to the product specifications and contents contained in the Quick Start Guide and User Manual without prior notice.

1. All book images in this manual are for display only, not pre-installed books;

2. Due to differences in hardware and software versions, some features or interfaces on your

BOOX may differ from those described in the manual. The actual functionality and interface are subject to the final products.

2.Safety Guide

Please read the following safety
instructions before use. If you
encounter any technical difficulties,
please contact your BOOX retailer,
or call the official after-sales hotline
at 4008-400-014 or 4008-860-830
for assistance.

Fragile Screen Protection

The E-ink screen is very fragile.
Please do not directly hit, squeeze,
oppress the screen, or drop it from a
high place onto a hard surface. If the
display screen is broken, please stop
using it and contact our customer

service or other qualified professionals for replacement. Do not disassemble and replace it by yourself.

⊕ Qualified Accessories

Only batteries, chargers and other accessories that meet the safety standards of this equipment are allowed to be used. For details, please refer to the product specifications. Use of incompatible accessories will result in damage to the device at your own risk.

Ⓧ Keep away from strong magnets\static electricity

Please keep away from strong magnetic and electrostatic environment to avoid abnormal writing on the electromagnetic screen or damage to other electronic parts.

☂ Keep away from liquids

This device is not waterproof. Do not expose it to a humid environment or use it in the rain. Please keep it away from any corrosive liquids.

Do not dismantle the device

The battery of this device cannot be replaced. Please do not disassemble it by yourself to avoid damage to the structure or screen.

Using environment

The environment temperature range of using this device is 0° C–50° C. Please do not use it continuously in high temperature or low temperature environment.

We are not responsible for the damage or loss of data in the equipment caused by human abnormal operation or unexpected circumstances, nor for other indirect losses caused thereby.

If you need to return to the factory for repair, please back up important data by yourself. We are not responsible for data loss caused by repairing or replacing parts or updating the system.

3.Quick Start

3.1 Home Screen
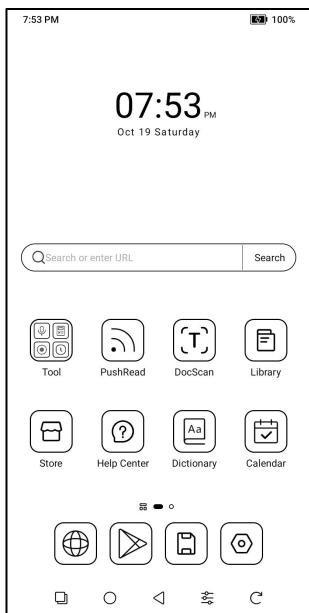
Control Center

Pull down from the right side of the

System Bar or tap to expand.

The Centre includes some frequently

used functions such as Volume
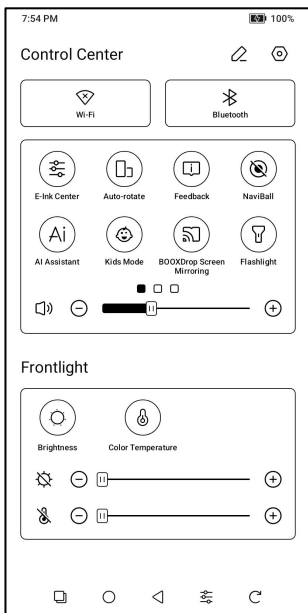
settings, Front Light adjustment (some models do not support this).

Tap the "Edit" icon in the top right corner to add/remove/ reorganize function tiles.
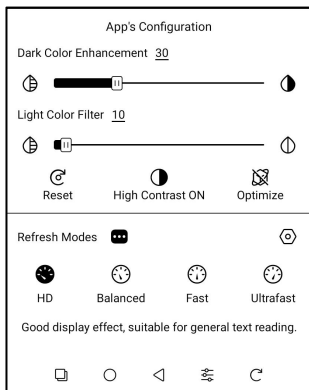
Notification Center

Pull down from the left side of the System Bar or tap to expand.
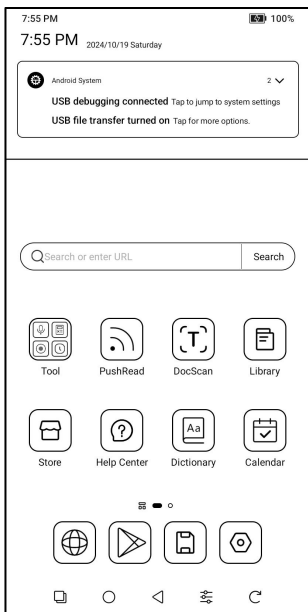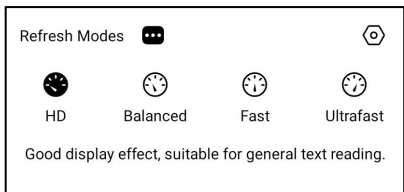
3.2 E-Ink Center (App Optimization)

It can be called from the Control Centre or swiping up from the bottom.

This function is mainly used to optimize the display effect of third-party apps.

Refresh Modes

You can preset different refresh modes for different apps.

Refresh Modes •••			⬡
● HD	◕ Balanced	◔ Fast	◔ Ultrafast

Good display effect, suitable for general text reading.

HD: Good display effect, suitable for general text reading.

Balanced: Heavier ghosting, suitable for quickly skimming through images and text.

Fast: Heavy detail loss, suitable for browsing webpages.

Ultrafast: Heavier detail loss, suitable for playing videos.

Dark Color Enhancement

This function turns darker colors to black and is generally used for enhancing foreground colors, or light-colored pages, such as colorful icons, and low-quality scanned PDFs.
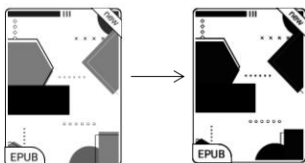
Light Color Filter

This function turns light page colors to white and is normally used to whiten the background colors.
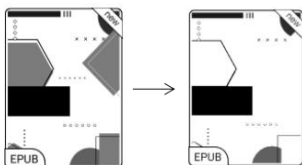
High Contrast

When an App is using Balanced/Fast/Ultra-fast refresh modes (non-HD modes), some interface lines or colors may appear weakened. You can enable "High Contrast" on the E Ink panel to enhance page display quality.

More Settings

Customize more optimization settings for a better user experience by going to E Ink Center/ App Optimization or long-press an app's icon to choose "Optimize".
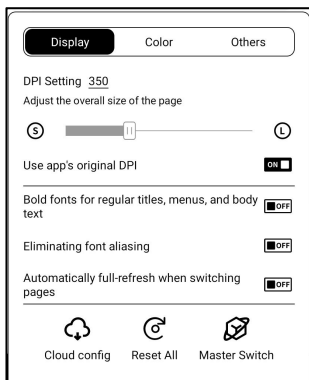
Display

DPI Setting: Adjust the overall size of the app interface, with a recommended range of 280-350.

Use app's original DPI: For some apps, reducing the DPI to the minimum value may still result in an edge cut-off. In such cases, you can restore to the app's original DPI value.

Anti-aliasing: Make the text edge sharper

Cloud Optimization: Some apps have been optimized for better performance. Obtain the

optimization with just one click after connecting to the internet.

Reset All: All optimization settings will be reset.

Master Switch: The main switch. After it is turned off, some optimization effects will be canceled, but the configuration will not be reset.

Color

Add Text Outline

Some text may be invisible due to the background bleach. Add strokes to text can make the text visible again. Recommended value: 1.

Background Color

This is to bleach a large area of the background color. It is recommended to use this setting together with text enhancement and Icon Colors. Otherwise, the text and small icons on the background will not be visible.

Icon Color

Generally, this is to darken the colors of some small colorful icons in the menu.

Cover Color

Generally, this is to darken the colors

of large cover-style icons.
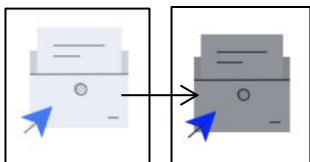
Webpage Text Size

This is for the embedded WebView

interface. When the DPI adjustment

is invalid, you can try to adjust the

font size of the webpage

Webpage Text Color

When bleaching does not work, you

can try to adjust the webpage colors.

Embolden Webpage Text

When some fonts cannot be emboldened, you can try to embolden the webpage text.

Others
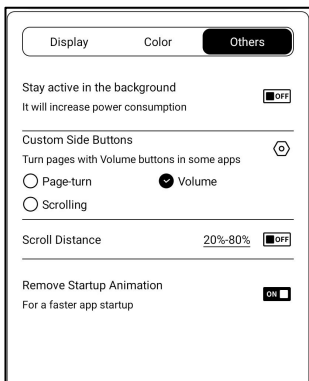
Stay active in the background

This is for the apps that are continuously running in the

background, such as Alarms, Notifications, Download. You can stop the apps running.

Force to follow system orientation

Some APPs lock the direction. When the system rotates, if the APP cannot follow the rotation, forced rotation can be used;
Forced rotation may cause some interfaces to fail to display normally. For such APP, it is recommended to turn off forced rotation and use the original direction.

4.ONYX APPS

4.1 Library

The Library allows you to switch between Recent, Bookshelves, Storage, Favorites, and Cloud Storage.
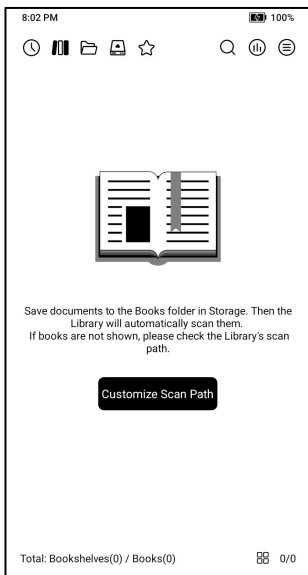
Library List Settings

You can customize the number and order of library list icons in the dropdown menu 'More' – Library Settings – Library List Settings."
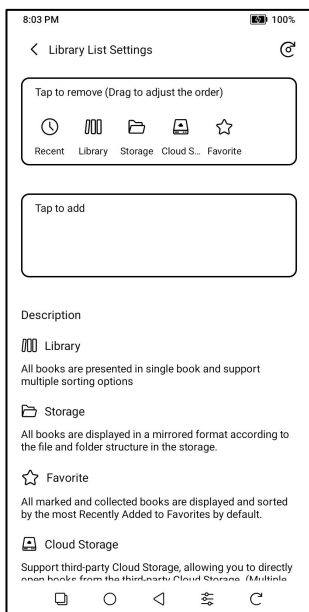
Cloud Storage

You can bind third-party Cloud Storage services and notes app accounts, then download documents from Cloud Storage or
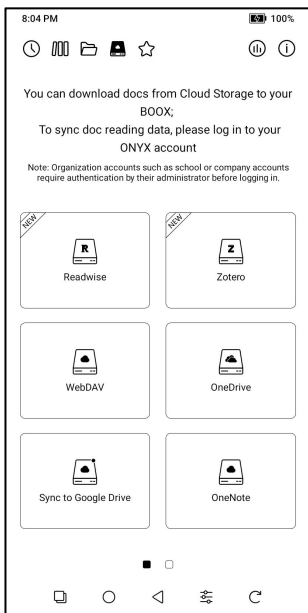
upload local documents. Additionally, you can export document's annotation, highlight, and handwritten notes to apps. After embedding data to PDF documents, you can upload the PDF documents back to the original folder in the Cloud Storage. Other formats currently do not support this feature.

To sync reading data, please log in to your ONYX Account.

Sub-bookshelf for Cloud Storage

After a Cloud Storage account is bound, a bookshelf will be automatically created in the Library when you download books from the Cloud Storage for the first time.
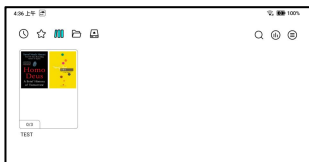
All books downloaded from the Cloud Storage will be automatically placed in this bookshelf for easy access and reading.

Book Property

Long press a book cover to check book-related information, including title, author, format, size, reading progress, Open with, Lock, Rename, Move, Custom Cover, Delete, Share and Copy to Cloud Storage.
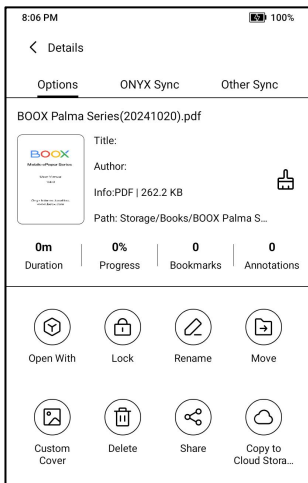
Clear settings

You can clear password, reading

data, cache, and book cover.
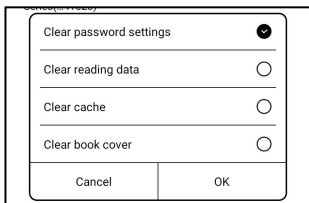
Clear password default settings

Only clear the default settings of

locked documents or documents

with their own passwords, and will

not clear the relevant passwords.

Clear reading data
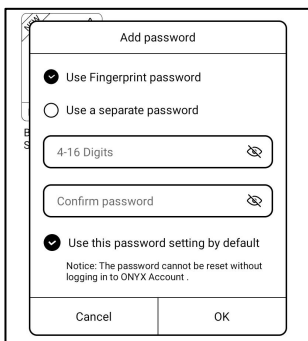
All personal data of the selected

book will be cleared. The data

cannot be recovered after being
cleared.

Please perform this action carefully!

Lock

Add lock to document (reading
passwords) to protect personal
reading data.

The password is used to open books in NeoReader. When the documents are exported or copied to other devices or other apps, the password will not be valid anymore.

The digital password only supports setting one password. After setting the digital password for the first time, you do not need to set it again if you use the digital password for other documents. You only need to add locks to other documents.

The reading password cannot be retrieved. If you forget your reading

password, you can only reset the password through Onyx Account (only Mobile phone and Email login methods supported).

If you use this password by default, you can add password directly to other documents after setting it for the first time. In this case, you do not need choose to add locks every time.

ONYX Sync

You can sync reading data to the ONYX Account to view reading progress and other reading data across devices.

The Sync Switch is enabled by default, but you can turn it off if no documents need to be synced. To disable sync for individual documents, please long-press the

book cover to go to the ONYX Sync setting page and turn off the Sync Switch.

Note: Only reading data can be synced. Users must manually add the source documents to the same path on different devices for sync to work.

Other Sync

You can export reading data to a linked third-party cloud storage account. The Cloud Storage that does not support this feature will not appear in the list here.

Reading Statistics

This summarizes your personal reading statistics, including Today's Reading Time, Read Books, Finished Books, Total Reading Time, Marks and Annotations.
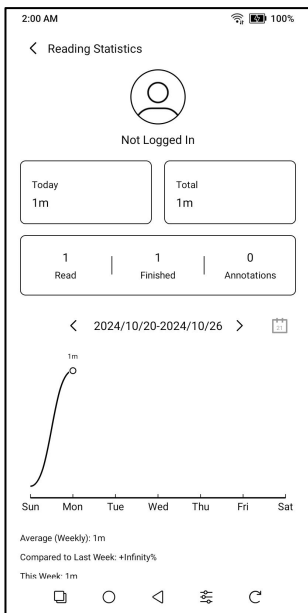
If you do not want to use reading statistics, you can turn it off from Library Settings. After it is off, the reading statistics icon in the Library will not show anymore

Library Settings

Here you can set the ONYX Sync Account, adjust library list settings, Use title names for Library books, enable Reading Statistics, and set auto-scan path.

The preset scan paths include folders Books and Shops in the Storage.

You can customize the scan path and choose to auto-scan the specified path.

2:00 AM   🛜 🔋 100%

< More Settings

Account Settings   ⓘ

ONYX Account | Login
Unsigned

Sync all Reading Data to ONYX Account   ON
Manual sync is not supported after this off.

Library Settings

Library List Settings   >
Favorite, Recent, Bookshelf

Use titles for Library documents   OFF

Enable Reading Statistics   ON

Automatically scan specified folders in the Storage   ↻ ON
When this option is off, the Library will scan all folders.

Path: 2   Add   Reset

Storage/Books   ⊖

4.2 NeoReader

Tap the center of the screen to bring up the reading menu. You can switch between multiple documents, and select related functions.

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02:01 AM 100% 2/10

Floating Toolbar

By default, the Floating Toolbar is collapsed to the right edge. When it is expanded, long press the Toolbar to drag it to anywhere you want on the screen. It can be collapsed to the sides to avoid covering text during reading.
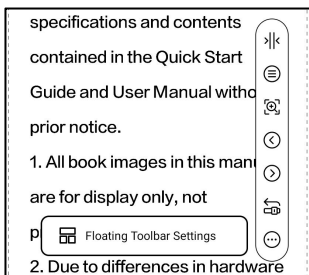
You can customize the Floating Toolbar and add your frequently used tool icons to the toolbar.

When text is selected, the pre-installed dictionary will be popped up for word lookup, with the ONYX dictionary set as the default option.
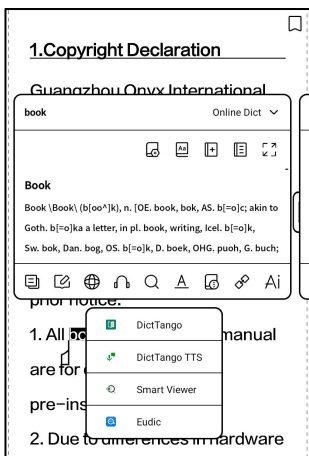
Tap on a blank area to exit the dictionary interface. If having installed third-party dictionaries, you can choose your desired dictionary from the dropdown list in the dictionary.

OCR

Only support images on formats including PDF、CBR、CBZ、DJVU、PNG.

OCR

Language

- ☑ Online (Only Chinese and English)
- ○ Offline (No quota limit)　English >

Format

- ☑ Horizontal Layout
- ○ Vertical Layout

Document Page Count: 10　OCR Page Count: 1

First Page　2　—　2　Last Page

The recognition rate is good. 10 pages are remaining today

Cancel　OK

BOOX may differ from those

Selecting the right layout (horizontal or vertical layout) can improve recognition accuracy. After recognition, long press any text to add marks or look up dictionaries.

Check all recognized pages from Contents/Bookmarks where you can quickly locate and jump to the relevant pages. Tap the OCR icon on the upper right corner to clear OCR content.

Reading Menu at the bottom (PDF)

The menu includes Contents, Progress, Style, Contrast, Navigation, and Split View.
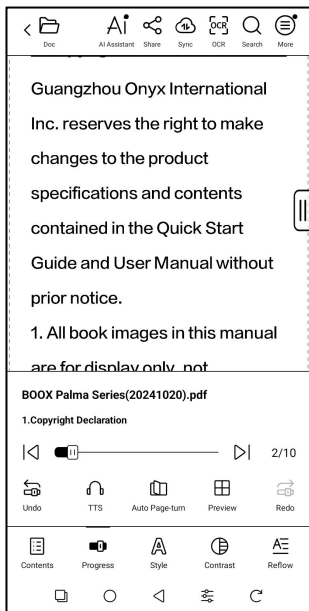
Contents

This section includes TOC,

Bookmarks, Annotations, and

Handwriting.

TOC   Bookmarks   Annotations   Handwriting

2/101

TOC supports a 3-level structure. The current page is underlined in the TOC. Tap each content to jump to the corresponding page. Tap any area outside of the Contents interface to exit.

Bookmarks

When reading a book, you can tap the Bookmark icon on the upper right corner to bookmark the current page. Tap the icon again if you want to un-bookmark the page.

Check all bookmarks at Contents/Bookmark. Tap each

bookmark to jump to the corresponding page. You can also delete bookmarks here.

Annotations

All highlighted, underlined, and annotated contents are shown in Contents/Annotations. You can check, edit, and delete all relevant content here.

Tap each content to jump to the corresponding page. All contents under Annotations can be exported in txt format. The default saving path for the exported contents is Storage/ note/ a file with the same name as

the original document.

Handwritten (synced from another BOOX device)

This model does not support a stylus, only those handwritten you wrote and synced on another BOOX device will be displayed here.

Progress

Here it shows a chapter name of the current document (if no chapter name, the document name will be shown), progressing page number, Previous/Next chapter, page number, Automatic Page-turns, Redo and Undo, etc.
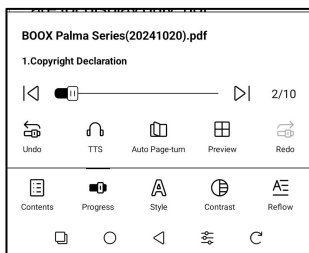
Style

Page Display: You can switch between Single-page View, Scrolling View.

Zoom: You can zoom in/out the whole page, zoom in the marquee area, or pinch-to-zoom any area you want.

Crop: Fit Screen (crop all margins); Fit Width (Crop left and right
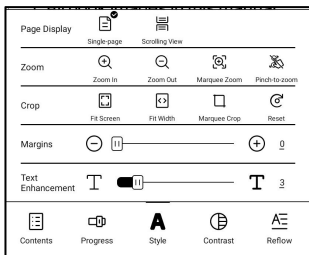
margins); Marquee Crop(Manually select crop area)

Margin: This is for the margin you want to keep for automatic crop. You can adjust it to the size you want.

In zoom-in status, when the zoomed-in page exceeds the screen area, you can drag the page around to check different areas. A single tap only turns sub-pages. Tap the Virtual Buttons to turn the whole page.

Contrast

Bold: only embolden text in PDF

Sharpen Img: Make blur image sharper

Watermark Bleaching: Bleach the light-color images or background on the page

Dark Color Enhancement: Adjust for the whole page or only the text, making the display darker.
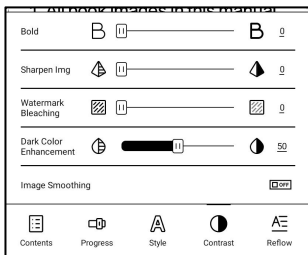
Image Smoothing: Optimize the display effect of pictures with gradient colors.

Reflow

Only apply to PDF\DJVU\CBR\CBZ in scanned version and text-based version.
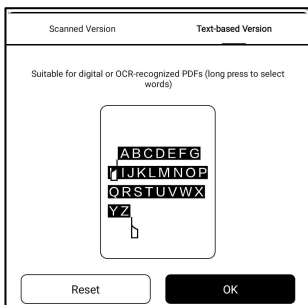
Scanned Version

You can adjust Text Direction,

Spacing, Alignment, Font Size, Columns, Tilting Correction.

Text-based version

Apply to digital or OCRed PDF. After being reflowed, the document can use flow-document functions.

Reading Menu at the bottom (Free Flow Documents)

The menu includes Contents, Progress, Style, Split View, Refresh Settings.

V3 Engine

The menu includes Contents,

Progress, Format, Contrast, and

Split View and supports free-flow

formats such as

ePub\mobi\azw3\txt\word\jeb\html

Progress

When opening a document for the first time, or after adjusting font, size, spacing, or other style settings, the document will be re-paginated. You can view the pagination progress in the Menu > Progress. You will only be able to drag the progress bar to jump between pages once the progress bar has fully loaded.
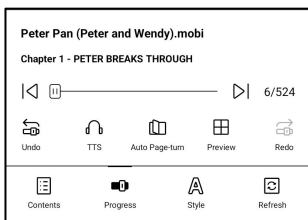
Style

The original appearance of the document is used by default. There are multiple preset appearances available to choose from. You can apply different appearances to different documents for different styling. A modified style will be marked with an asterisk (*) in the top right corner.
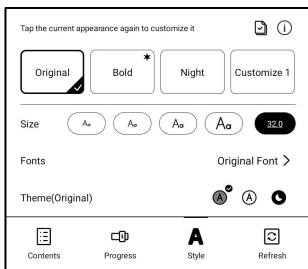
Custom Appearance

Tap the currently applied appearance to enter a custom interface, where you can modify various document settings, including font, size, spacing, margins, and contrast.
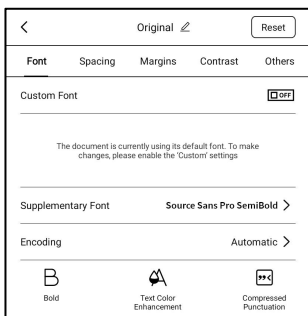
Font Settings

You can set different fonts for titles and body text. If any fonts are missing in the selected title or body text, the 'Supplementary Font' will automatically replace them.
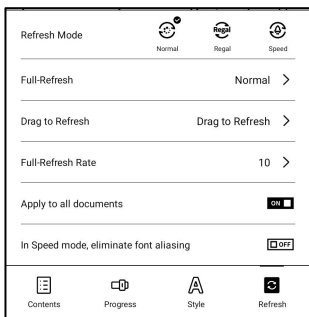
Custom fonts can also be imported by placing font files in the directory of Storage/fonts. You can view the custom fonts from the imported list.

Refresh

The black and white models support HD, Regal and Balanced refresh modes

The color models support Regal and Balanced refresh modes

Full refresh（Deep）: When pages with many images and darker backgrounds, this feature helps reduce ghosting during page turns.
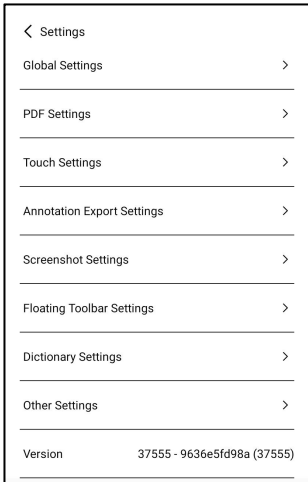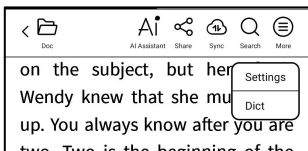
Settings

Please go to reading menu / More / Settings for more settings, including Global Settings, PDF Settings, Touch Settings, Annotation Export
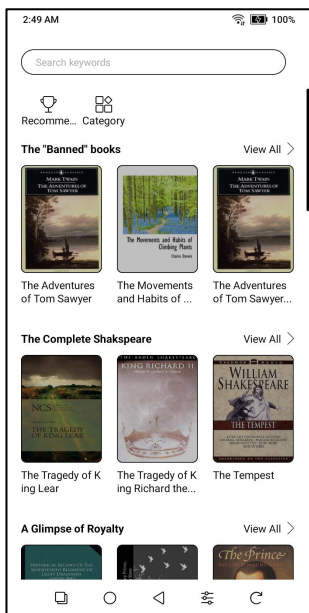
Settings, Screenshot Settings, Floating Toolbar Settings, Dictionary Settings, Other Settings, and Version Number.
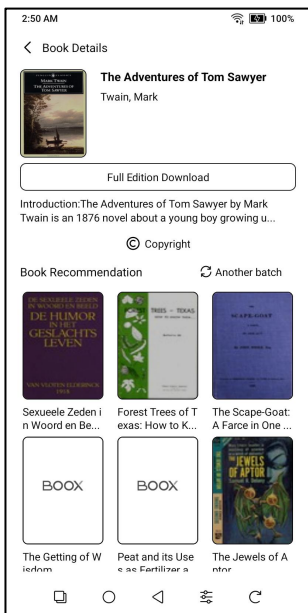
4.3 Store

In the language of non-Chinese, the Store is offering free publications E-books from the Internet.

Book Detail

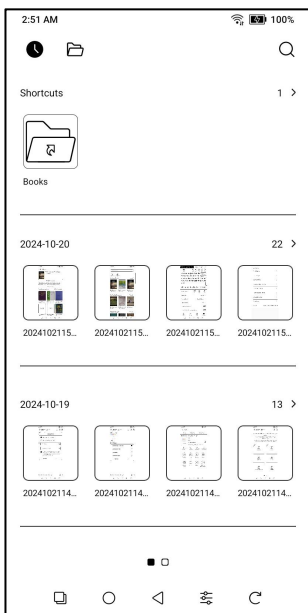Click a book cover to open up book detail. The specific book information. Click "Full Edition Download" to download the book, then you can see this book cover in Library .
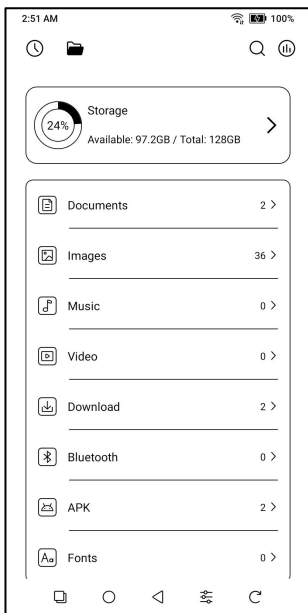
4.4 Storage

Recent Files

The recent files are sorted by time in descending order by default and grouped by date automatically.
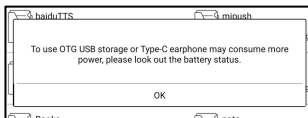
Storage

Here includes the storage path and document categories. All files are sorted automatically into different

categories by type, but the files' original storage location does not change.

OTG External Flash Drives

This device supports Type-C OTG flash drives. After a flash drive is inserted, the flash drive will be automatically recognized and loaded as a storage. OTG devices require a power supply and will increase battery consumption
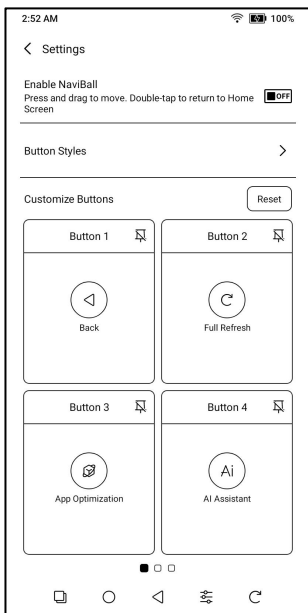
Low storage warning

Please make sure of leaving at least 300MB of storage for normal system running and relevant data storage. When the storage is lower than 300MB, the system bar will show a warning icon for "insufficient storage".

4.5 NaviBall

Tap the NaviBall to expand or contract it. Its default display style is fan-shaped. You can change to

other styles (Horizontal Style and Vertical Style) from the settings. You can also set its opacity by percentage. You can pin any buttons which will always show on the top.

You can customize each button's function. The available functions include some system functions, switching apps, and app optimization.

4.6 Dictionary

When you open Dict App for the first time and there is no dictionary installed, there will be a notice to lead you to local downloads, which
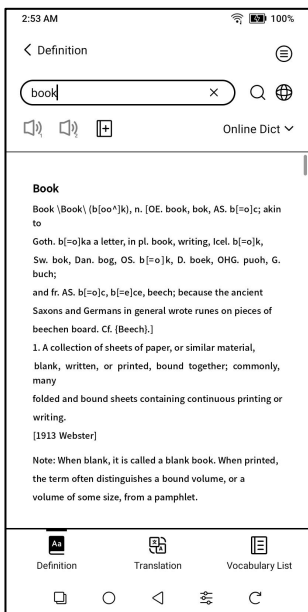
require a Wi-Fi connection. Word pronunciation requires dictionaries with voice files and TTS is currently not supported.

You can import your own dictionary files and save them to the designated storage path: sdcard\dicts\XXX;

In dictionary Settings/Preferred Dictionary Setting, you can check all available dictionaries. Up to 20 dictionaries are supported.

4.7 Ai Assistant

You can enable this feature from the

[Control Centre], or from the app list,
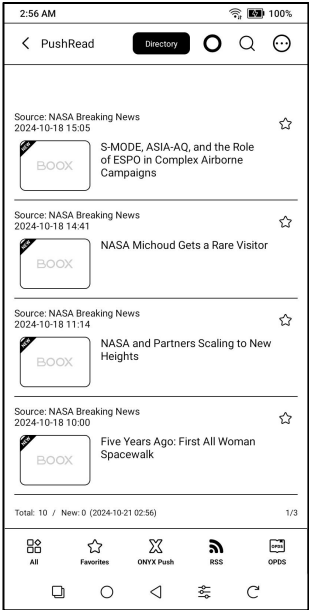
or from NaviBall.

Each topic allows for multiple rounds of dialogue.

There are different AI models available. You can select the model you prefer from the dropdown menu located on the top right corner.

All responses are generated by AI and are for reference only.

4.8 PushRead

Aside from Onyx Push, you can use

RSS and OPDS in PushRead

Onyx Push

You can push webpages to your BOOX via Push in push.boox.com or BOOX Assistant and read on your BOOX. If you use PushRead for the first time, you need to log in to the same Onyx account on both push.boox.com or BOOX Assistant and your BOOX.

RSS\OPDS Subscription

You can add Subscription from the Directory dropdown menu. In the Public Source list, select the desired subscription source, or you can

manual input other valid RSS/OPDS

address in the Custom field.
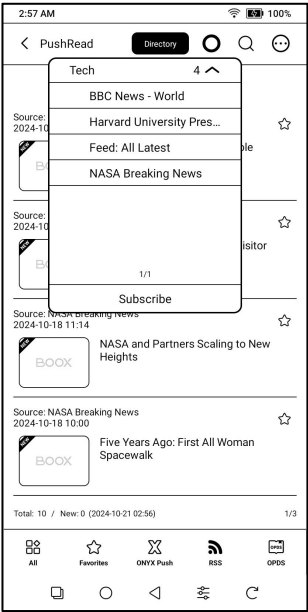
The webpages in PushRead requires internet to load for the first time. After being loaded, it can be read offline.

The default layout is Web Mode (the original webpage's layout). Tap the center of the screen to bring out the menu where you can switch to Reading Mode, change font size, and fully refresh the screen.
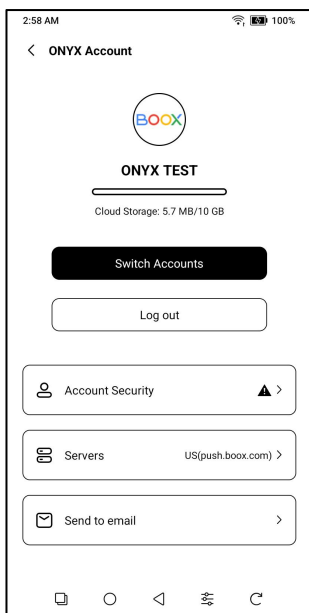
5.System Settings

5.1 Onyx Account

Support multiple accounts and

switching between accounts.

You can switch between accounts from the account list.

Only account information is kept. After switching between accounts, you need to log in accounts again. If different accounts use different servers, the servers will be switched when you log in to another account.

5.2 WLAN

When you turn WLAN on, the device will search all available Wi-Fi. Choose the Wi-Fi you want to use, and enter required information such as password to connect to Wi-Fi. Or

turn Wi-Fi on and off from Control Center.

5.3 Bluetooth Settings

Turn Bluetooth on and search nearby available Bluetooth devices. Send connection request. Only when both devices are connected, Bluetooth will work.

5.4 Network and Connection

Here includes Flight Mode, Hotspot and Tethering settings, App Data Usage, Screen Cast, Printing, VPN, and Private DNS.
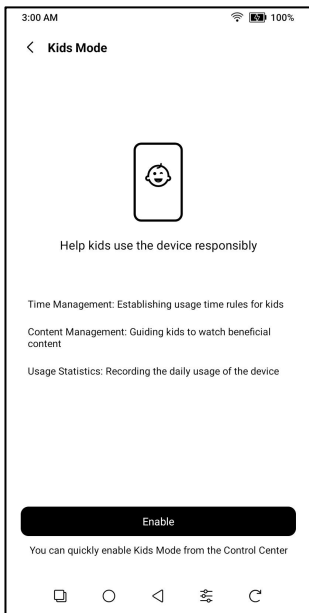
5.5 Accounts

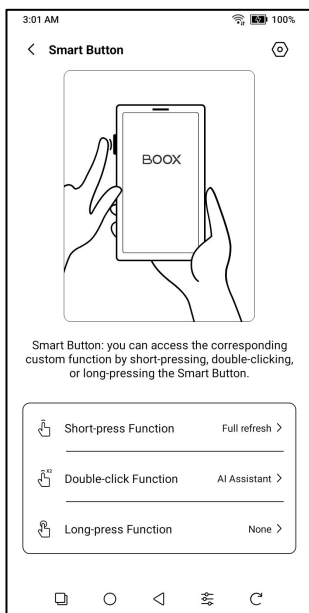Here you can manage App Accounts, Notes Sync Accounts, and Docs Sync Accounts.
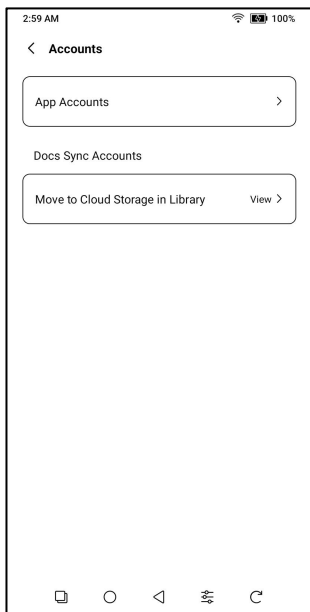
5.6 Kids Mode

You can enable it from System

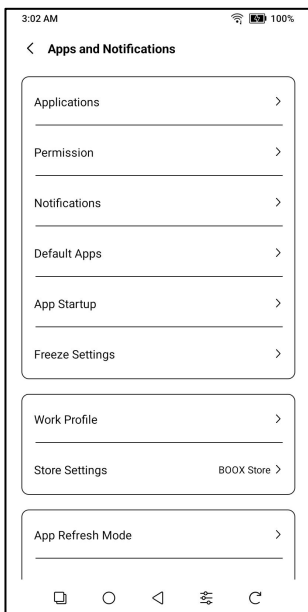Setting page or Control Center.

5.7 Smart Button

You can access the custom function
by short-pressing, double-clicking
or long-pressing the smart button.

5.8 Apps and Notifications

Here includes Application

management, Permission

management, Notification

management, Default app, App

Startup, App Refresh Mode, Store Settings, Freeze Settings, Reset App Optimization Tutorial, and Reset all app optimization.

App Startup

Only for auto-starting apps. If enabled, it may increase memory usage and power consumption. The app itself must have the function of monitoring system to automatically start up. After installing the APK, you need to manually open the app to run it once; After the startup is successful, it only runs in the background and will not be displayed in the recent running
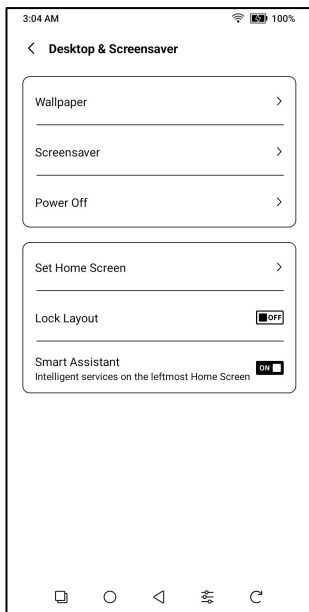
tasks;

Freeze Settings

You can freeze third-party apps

here. Freezing apps that are running

in the background can reduce power

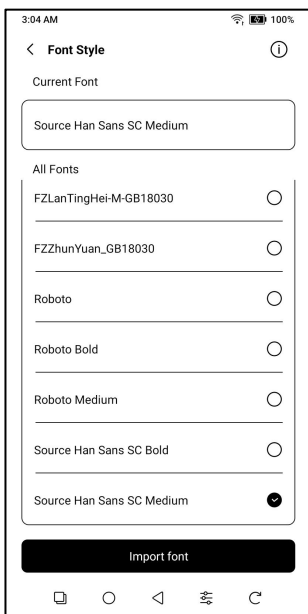consumption.
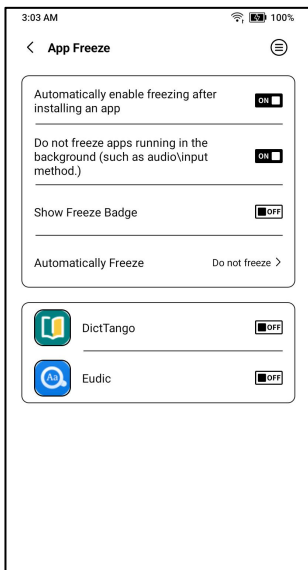
5.9 Desktop & Screensaver

You can set Home Screen, choose to lock the desktop layout, and enable Smart Assistant. Only one power-off image can be used.

5.10 Display

Font Style

You can set imported font for system

font.

Please be aware that the font files can take some system storage, so it is not advisable to import excessively large font packages.

Some third-party font files may lack certain characters, which could lead to garbled text or display issues. Please ensure that the font files are ok before importing them.
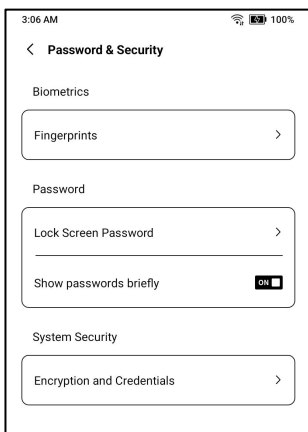
5.11 Sound

You can set volume, ringtone, mute, and Do not disturb.

5.12 Location Info

You can enable "Access my location information", and "Location Permission.

5.13 Password & Security

Support 4 to 16-digit Lock-Screen

password.

Android 11 does not support resetting password. Please keep your password safe.

5.14 Power

This includes battery usage information, auto sleep and shutdown time settings, delays in disconnecting wireless connection,etc.

If you want to continue using Bluetooth devices to play online audio content after the device enters Sleep mode, please turn on the WiFi, Bluetooth, and audio switches after

Auto sleep;

Power

72% **Charging slowly**

Expected to be fully charged in 2h15m

Show battery value	Outside battery icon >

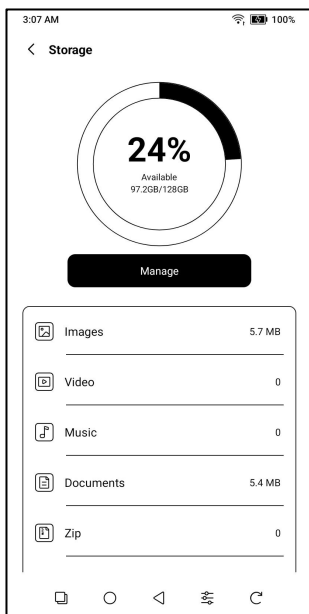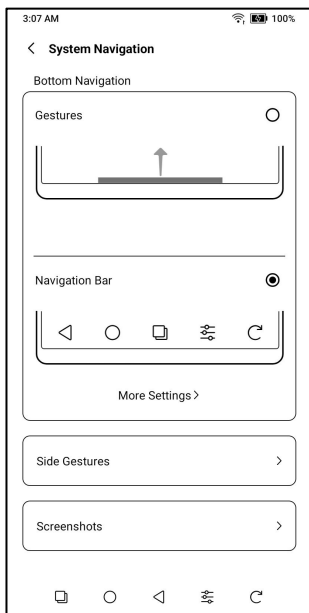| Auto Sleep	5 mins >
WiFi Status After Sleep	Turn Off >
Bluetooth Status After Sleep	Turn Off >
Audio Status After Sleep	Pause >
Auto Power-Off Start timing after sleep	Never >

5.15 Storage
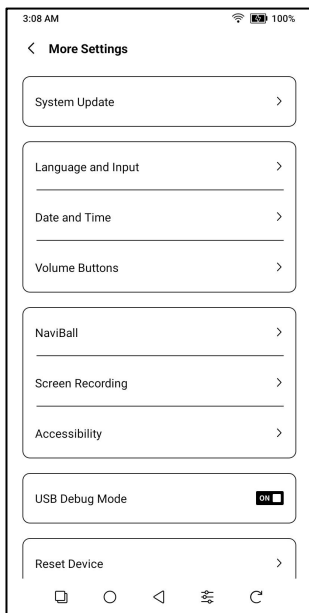
Here you can check the usage of the

Storage.

5.16 System Navigation

You can choose system navigation method, either by Gestures or by Navigation Bar.
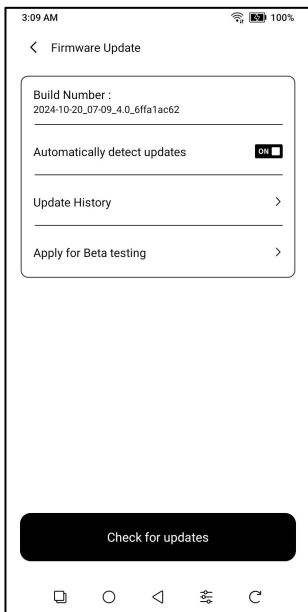
5.17 More Settings

Here includes System Update, Language and Input, Date and Time, Navigation Ball, Screenshots, Screen Recording, Accessibility,

Calibration, USB Debug Mode, and Reset Device.

System Update

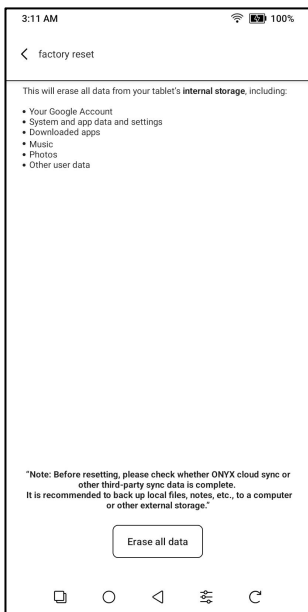Upgrade checks the local package first then online package with a

network connection. Upgrade pause and breakpoint download are allowed.

Please ensure the device has more than 20% power and sufficient capacity before the update.

Reset Device

Note: when resetting device, you will clear all user data. Please back up your data in advance and operate this carefully.

5.18 Feedback

Welcome to submit any technical problem or advice to us.

This function collects system information for problem judgment. And Onyx shall never disclose users' device information.

7.Thank you for your support

Thank you very much for your

support. More product-related

information can be found on our

official website: www.boox.com

If you have any questions, please

contact us by email:

support@boox.com