BOOX i62 User Manual
VERSION 1.6

Table of Contents

Preface

Boox is presented by Onyx International, which has a group of professionals who dedicate themselves in designing state-of-the-art reading terminal.

The beauty of the Boox is embodied in both its simplicity and its power. As we are going to show you, Boox is an open and flexible platform for both consumers and content providers.

Boox is powered by a 16-level grayscale e-ink screen that looks and feels like paper. Passive lighting and diffuse surface relaxes your eyes and reduces eye strain. By the hand-writing system, you can take notes while reading and sketch up ideas that happen to emerge. Boox takes full advantage of new-generation e-ink screens: extremely low power consumption. Each full charge can sustain a few weeks' reading. By reducing paper consumption while providing a realistic paper-like reading experience, digital content helps to protect the environment without sacrificing convenience or life style.

Boox comes with viewers for most popular ebook and image formats, including PDF/HTML/DJVU/DJV/CHM/EPUP/TXT/FB2/RTF/DOC/DOCX/XLS/XLSX/PPT/PPTX and MobiPocket (NON-DRM). For content partners, we also provide support for custom formats and digital rights management solutions. All of our viewers have standard features such as layout management, font adjustment, full text search, zooming, and page flow.

For a next-generation information device, connectivity is essential. The user can connect to the Internet by build-in Wi-Fi, 3G module or other add-on modules to download new content or surf the web. Customized for the e-ink screen, WebKit, the same software engine as some powerful desktop browsers such as Safari and Chrome, is the web browser of Boox.

Boox is the new reading experience.

Guidelines

For safe and efficient use of the product, please follow the instructions in this guide.

Do not leave the product in direct sunlight for long periods and do not use in extreme high or low temperature environments. This can cause damage to the product and may damage electronic components and/or the battery.

Do not put or use Boox in areas of high humidity. Avoid any liquid getting into the product as this can damage the internal electronic circuit.

Always place the product on a stable surface. Violently shaking or dropping the product will cause damage to the product and its electronic components.

Do not press on the screen or put heavy weights on it.

Do not expose your product near magnetic fields.

Please use the authorized accessories, do not use third party components or third party accessories.

Do not attempt to repair or take the product apart. This will void your warranty. Only qualified personnel from Onyx International Inc. or an authorized Boox maintenance centre can repair the product.

Do not use the rechargeable battery if it is damaged in any way.

If the battery leaks liquid, please clean the Boox and replace with a new battery.

If liquid has leaked from the battery and comes in contact with human skin, please carefully rinse and consult a doctor.

Please properly dispose of old and waste batteries.

Do not use chemical solvent to clean the surface of the product. Please use a soft cloth to wipe off the dust from the surface of the screen of cover.

Product disposal instructions

Product that include the WEEE [The Waste of Electrical and Electronic Equipment] symbol, should not be placed in the normal household rubbish, but should be disposed by using the appropriate WEEE disposal facility. These facilities may be advised to you by your local council or the retailer from which the product was purchased.

Operating temperature is 0°C to 50°C | Storage temperature is –20°C to 70°C

The latest downloads and product news is available at our website:

www.onyx-boox.ru

Precautions

Avoid applying excessive force to the display. The device uses a glass-based display is thus liable to break if mistreated.

Never open the device as this will invalidate any warranty or manufacturer's responsibility. Please contact your Onyx retailer when you have any technical difficulties.
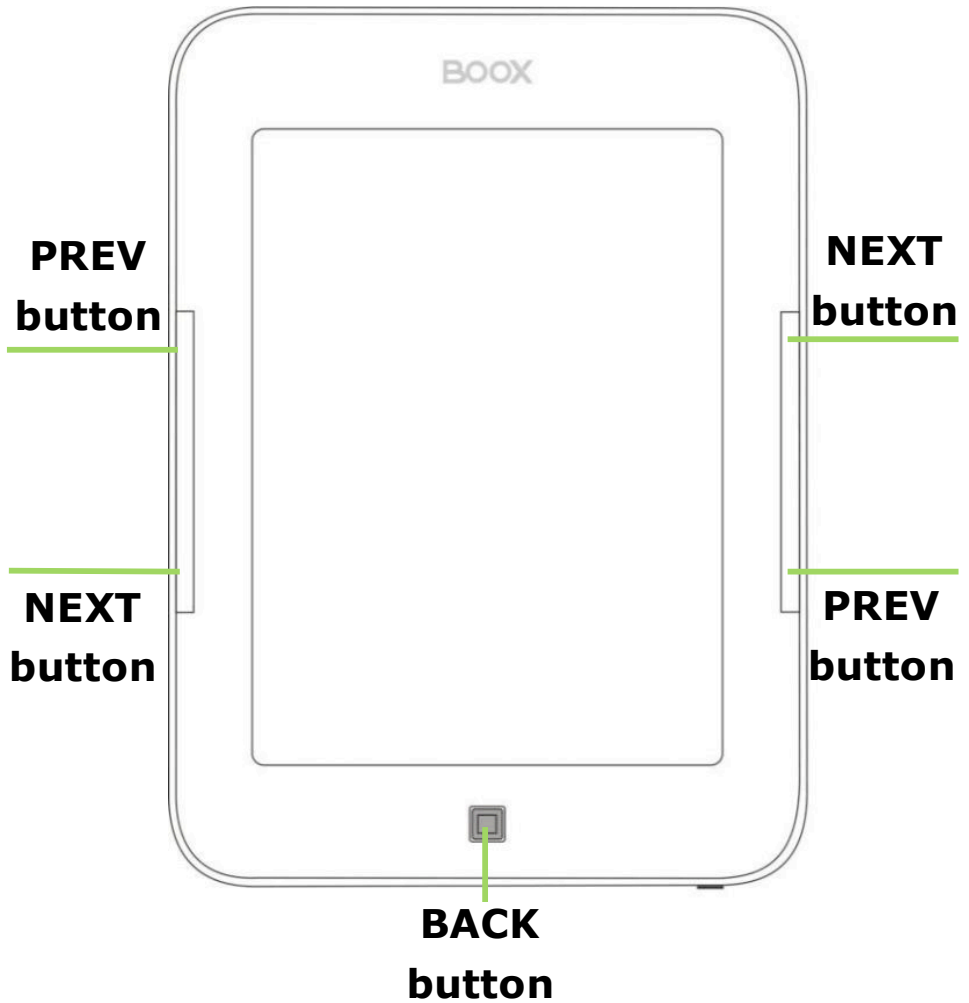
Do NOT expose the device to excessive moisture, rain or heat sources caused by heating equipment.
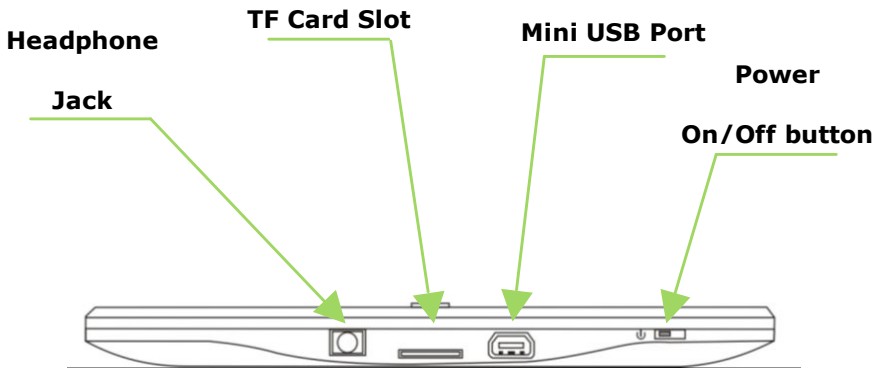
Components

- ✓ Boox i62 eReader
- ✓ Power Adaptor
- ✓ USB Cable
- ✓ Cover
- ✓ Quick Guide
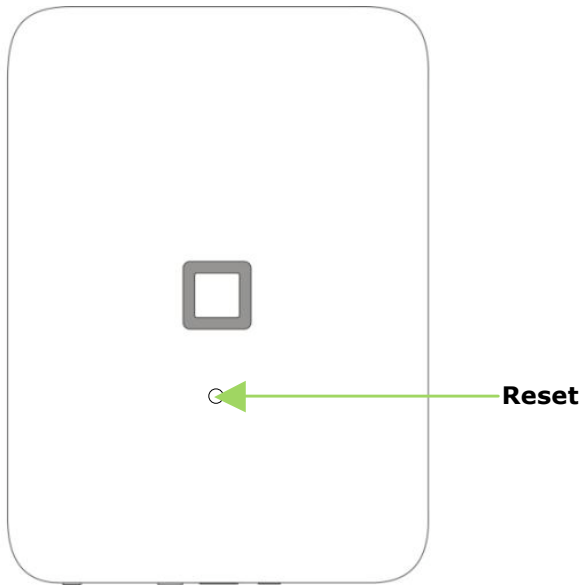- ✓ User Guide (Pre-installed)
- ✓ Warranty Sheet

Boox i62 Views

Front View

PREV button

NEXT button

NEXT button

PREV button

BACK button

Bottom View

Headphone

TF Card Slot

Mini USB Port

Jack

Power

On/Off button

Back View

Reset

Key Function

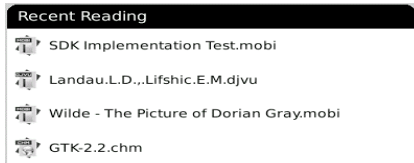|	
Power On/Off button	• Press the power key to turn device on • Press the power key and hold for 2 seconds to turn device off, similar as selecting showdown item in menu • Press the power key and release it immediately, device turns into sleep mode • Press the power key and release it immediately, device wakes up from sleep mode to unlock screen
BACK button	• Return from current application • Return from current view or dialog • Turn back to the parent directory
NEXT button	• Flip to next screen while viewing document • Flip to next screen while browsing documents in main view
PREV button	• Flip to previous screen while viewing document • Flip to previous screen while browsing documents in main view
Indicator Light	• The indicator light is on while charging, connecting with PC
Headphone Jack	• Diameter of the headphone jack is 3.5mm
TF Card Slot	• Insert TF card to read the content on TF card
Reset	• Reset the device by small pin through the hole, and then press the power button to reboot when the device crash.

Basic Operations

Press and hold the **Power Button** to turn on the device. It will automatically enter the main menu on Home screen after the start-up screen. The main menu includes **Internal Storage**, **TF Card**, **Recent Documents**, **Dictionary**, **Pictures**, **Music**, **Scribble**, **Notes**, **Web Sites**, **Applications** and **Settings**. Press the **PREV/NEXT PAGE Buttons** to turn pages. Boox i62 also can support user flip with fingers. Press the **Back Button** to return the previous operations.

At home screen, long pressing screen any position with finger to popup a shortcut menu. Through the fingers can directly select what you desire.

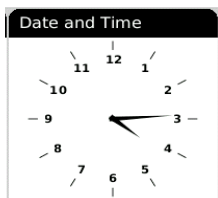In any program, document interface, long pressing screen to popup corresponding menu.

In reading status, user can pinch-to-zoom, drag page, flip with fingers.

Recent Reading	
 Recent Reading 🗇 SDK Implementation Test.mobi 🗇 Landau.L.D.,.Lifshic.E.M.djvu 🗇 Wilde - The Picture of Dorian Gray.mobi 🗇 GTK-2.2.chm	# Recent Reading

4 most recent files will be displayed on Recent Reading widget. Use your finger to select the file; the file will be launched automatically.

Date and Time	
 Date and Time (clock face showing hours 1-12)	# Date and Time

This widget display current time. Use your finger to select it, time and date will be showed on the screen as a screen saver. Press the BACK Button or tap the screen to exit.

Reading Books

Use your finger to select the desired book and to enter reading. Press the PREV/NEXT PAGE Button to turn pages. Press the BACK Button to exit reading. Long pressing screen to popup menu and choose an item to enter the submenu detailed as follows. Submenu will be different according to file format.

A̲A **Font** **Configure the font size and/or shape while viewing document.**		• **By Ratio** Configure the font size by several font levels: 100% to 500%. This function is activated while viewing PDF/ePub, and 25% to 400% for CHM/HTML document. • **By Numbers** Configure the font size by actually number. This function is activated while viewing TXT/Mobi(non-drm)/DOC document.
A̲A̲A̲A̲	**style**	Press this icon to enter submenu to select fit line spacing.
F̲	**Font Family**	Configure the font family while viewing a document. The existing font families of device are shown on the menu.
A̲B̲C̲	**Encoding**	Configure the encoding type while viewing text-based document. The configurable encoding types are shown on the menu.
↩	**Navigation**	Navigation operations are used for accessing websites and viewing html-based documents, e.g. CHM /HTML.

	Rotate Screen	Rotate the screen by clicking this button. The screen rotates between 0° and 360°
	Full Screen	Set screen status. You can turn on/off full Screen while reading.
	Safely Remove TF	Safely remove TF card from device clicking this button.
	Music	Launch the music player by clicking this button.
	Standby	Turn device into standby status by clicking this button. Once standby, device stops working and screen saver (pictures) appears. Device consumes very little power while standing by. Pressing any key can wake up the device from standby status.
	Shutdown	Shut down device by clicking this button.
	Zooming	• **Hide Margin** Auto hides the margin of files. • **To Page** To zoom the current page/image to fit the screen. • **To Width** To zoom the current page/image to fit the width of screen. • **To Height** To zoom the current page/image to fit the height of screen. • **Selection Zoom**

		Scale up the current screen by selecting a box. The content in the selected box is enlarged to fill the whole drawing area.
Adjust the zoom of current screen. The screen can be scaled by fixed value. The screen can also be scaled up by your finger. Boox i62 can support pinch to zoom.		**• By Ratio** To zoom the current page/image by ratio.
	Annotations	**• Add Annotation** Take annotation on the text of current screen. The annotated texts are highlighted.
Annotations mean a group of annotation operations, including annotating & sketching.		**• Erase Annotation** Erase annotation on current screen. The annotations are erased when you click on them or slip through them. **• All Annotations** Display all of the annotations by list. The highlighted texts as well as the corresponding page numbers are displayed on the list view. **• Sketch** Sketch on the content area of current screen with finger. **• Erase Sketch** Erase existing sketches. The sketches are erased when you click on them or slip through them. **• Merge Sketch** Merge your sketch on PDF, system will automatically generate a new PDF file

		to save what you made.
		• **Sketch Colors**
		Select the color of sketches. Now black and white are supported.
		• **Sketch Shapes**
		Select the shape (line width) of sketches. Now five levels of line widths are supported.
	Layout Select the layout of pages while viewing document.	• **Single Page**
		Only one page is displayed on screen.
		• **Scroll Pages**
		Multiple pages can be displayed on screen. If there are enough blanks besides one page on the screen, the parts of adjacent pages fill these blanks. There is a small spacing between two pages.
		• **Thumbnail View**
		To view the books in 4 thumbnails view.
	Tools Tools represent a group of assistant functions for better reading.	• **Search**
		Search for the pattern in current document. The search results in a screen are highlighted.
		• **Table of Content**
		Skip to the table of contents. Press the PREV/NEXT PAGE Buttons to turn pages if available. Use finger to select the desired item and to confirm the option.
		NOTE: The function is available only when the table of contents is in the form of hyperlink.
		• **Slide show**
		Continuously display the pages of a document by slide show.
		• **Glyph embolden**

	Adjust the display contrast of PDF/ePub, from level 1 to level 5, the contrast will be more and more dark.
	• **Add Bookmark**
	Add a bookmark of current page.
	• **Delete Bookmark**
	Delete the bookmark of current page.
	• **Show Bookmarks**
	Show all bookmarks in a list view. The front text portion as well as the number of the bookmarked page is displayed in an item. You can jump to the target page by selecting the bookmark item.
	• **Previous View**
	Select previous/next view to retrace the path within a document. Select item Previous View to return to previous screen while browsing document.
	• **Next View**
	Select item Next View to go to next screen while browsing document. This button is activated only if you have chosen Previous View.
	• **Go To Page**
	Press the virtual keypad to input the page number. Press ← to backspace. Press the OK icon to go to the selected page.
	• **Show/Hide Hyperlinks**
	To display or not display hyperlinks of files(e.g. PDF, doc)
	• **Clock**
	To show you how many time have read.
	Dictionary Lookup

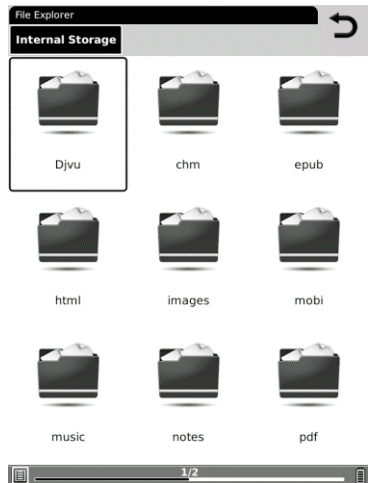| | Look up for the explanation of a pattern string. Please refer to Chapter of Dictionary for details. |
	• Text to Speech
	Select Text to Speech icon, it will start to speak from first line of each page. Select this start/stop icon to start speaks and stops. Select this setting menu to set speaker, speed and style.
	• Hand Tool
	Select the hand tool item in the menu to enable browsing through document use finger.
	• Mark & Copy
	Press mark icon to select a word and press copy icon to copy what you marked.

Internal Storage

The device supports more than 18 types of file formats, including EPUB, PDF, FB2, MOBI, TXT, RTF, PDB, HTM, HTML, CHM, DJVU, DJV, XLS/XLSX, PPT/PPTX, and DOC/DOCX. It also supports compressed files in ZIP and RAR formats. Supports more formats in subsequent firmware upgrade.

File Explorer

Internal Storage

Djvu   chm   epub

html   images   mobi

music   notes   pdf

1/2

Internal Storage Menu

In the Internal Storage list, long pressing screen to popup Internal Storage Menu. Use finger to select the option. Press the BACK Button to exit.

	View	• **Details View** Display the contents in details. The details includes name, last access time, read count and reading progress.
View means the way of displaying and arranging contents in main view.		• **Thumbnail View** To view the books in thumbnails view. • **Sort** Sort the files by Name, Type, Size, Access Time, Ascending and Descending.
	File	• **Search** Search for target file by given pattern. The search results are displayed in the main view.
File means the operations to a file.		• **Rename** To rename a selected files. • **Copy** • **Cut** • **Delete**

Reading a Book

Use finger to select the desired book and to start reading. Press the PREV/NEXT PAGE Buttons to turn pages. Press the BACK Button to exit the reading.
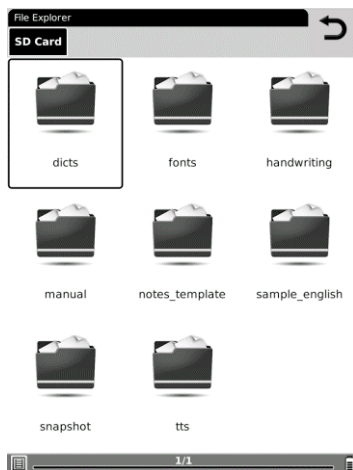
Note: :

Please refer to Recent Reading/Reading Books for more detailed instructions.

TF Card

All the files on TF card are displayed in the list. The device supports expansion storage of TF card up to 32GB.

Files no need to store in corresponding file folders; you can put them in anywhere of TF Card. The device can recognize various kinds of files automatically.

dicts	The folder is for dictionary format in StarDict storage. Please refer to Chapter of Dictionary for more detailed instructions.
fonts	The folder is for fonts files storage. You can put font file into this folder and select what you like font when you reading.
handwriting	The folder is for handwriting files storage to recognize what you write (including chinese.dat, Europe.dat, Japanese.dat).
manual	This PDF-format User Manual can be browsed on the device. Press the PREV/NEXT Page Buttons to turn

	pages. Press BACK to return to main menu. Press the MENU Button to enter Books Menu.
notes_template	The folder is for note template files storage, you can add more PNG formats file to this folder.
snapshot	This is the default folder for saved capture screen.
tts	The folder is for TTS (Text To Speech) files storage, you can add more TTS file to this folder.

Note: above folders is system default folder, user can add their own folder to storage all kinds of file.

 # Recent Documents

Select the Recent Document icon; all of the recent read documents are displayed. 4 most recent files will be shown on *Recent Reading* widget.
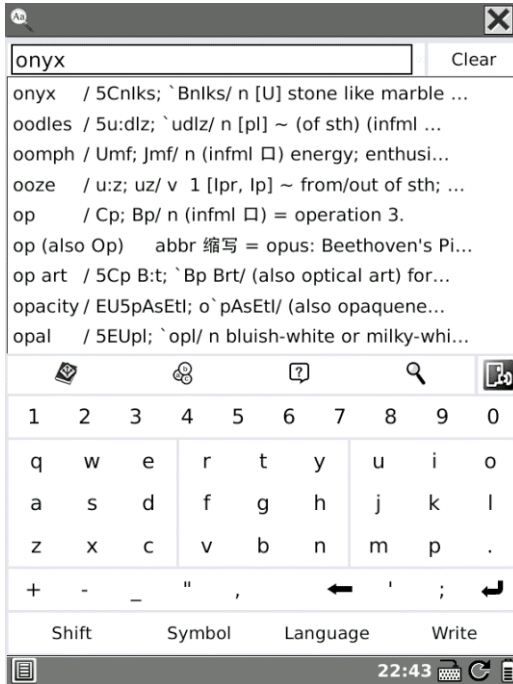

Up	Press this Up icon to return home screen.	
Clear All	Press this Clear All icon to clear all recent reading files.	

# **Dictionary**

StarDict-compatible programs are available for the device. It supports dictionary format in StarDict.

![icon] **Dictionaries**	Select Dictionaries to show the dictionary list.
![icon] **Similar Words**	Select Similar Words to show the similar words group.
![icon] **Explanation**	Select Explanation to show the translation content.
![icon] **Lookup**	Input letters by software keyboard and then select Lookup to show the translation.

Installing Dictionaries

Create a new folder named dicts in root directory of the memory card. Download the desired dictionary files in dicts folder. The dictionary will be installed automatically.

NOTE:

User can download these free dictionaries from:

- http://xdxf.revdanica.com/down/index.php - Make sure you download them in the StarDict format. Use the pulldown menu on the right-hand side to change from XDXF to StarDict.

Open the downloaded file with an archive extractor like winrar or winzip and extract the downloaded dictionary files to the "dicts" folder of TF card.

For every dictionary you should have a separate folder.

The final folder structure should look something like this:

TFROOT - dicts - dict_a - dict_a.ifo

TFROOT - dicts - dict_a - dict_a.idx

TFROOT - dicts - dict_a - dict_a.dict.dz

and for another dictionary (called dict_b here):

TFROOT - dicts - dict_b - dict_b.ifo

TFROOT - dicts - dict_b - dict_b.idx

TFROOT - dicts - dict_b - dict_b.dict.dz

Finally, open a file and use the menu to enable the dictionary. Click on a word. Keep trying until it works.

Consult the Dictionary

Input the keyword in the text box. Use finger to select the desired word in the list.

Press the Dictionaries icon to select the desired dictionary. Use finger to confirm the option and press the BACK Button to exit.
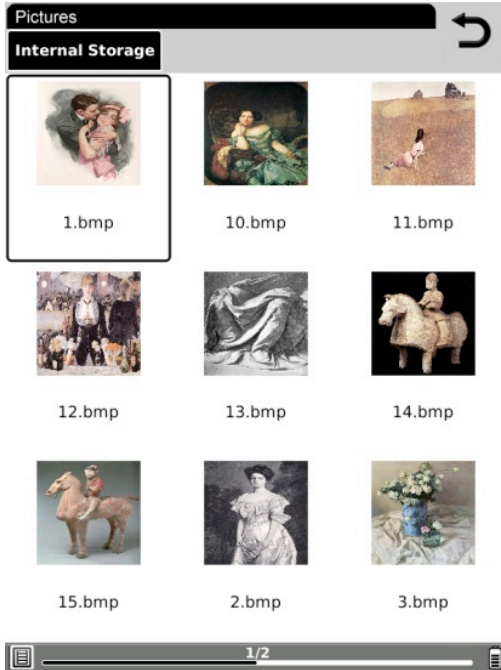
NOTE:

The Dictionary can be used alone, also can be enabled when reading books.

Pictures

Photos saved on TF card are auto displayed in the list. The device supports picture formats such as TIFF, JPEG, GIF, BMP, and PNG.

Pictures Menu

At the Pictures list, long press the screen to popup the Pictures Menu. Use finger to select the option and to confirm. Press the BACK Button to exit.

	View	• **Details View** Display the contents in details. The details includes name, last access time, read count and reading progress.
View means the way of displaying and arranging contents in main view.		• **Thumbnail View** To view the books in 4 thumbnails view. • **Sort** Sort the files by Name, Type, Size, Access Time, Ascending and Descending.
	File	• **Search** Search for target file by given pattern. The search results are displayed in the main view.
File means the operations to a file.		• **Rename** To rename a selected files. • **Copy** • **Cut** • **Delete**

🎧 Music

Music files saved on TF card or Internal Storage are displayed in the list.
The device supports MP3 and WAV files formats.

Play Interface

Press the function button to play the desired track. On the Play Interface screen the following operations can be performed.

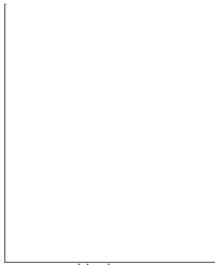|	
🎵 Music Player anyone of us.mp3 you'll just never know.mp3 🎵 Anyone Of Us (Stupid Mistake) 👤 Gareth Gates ⊕ 00:00 03:49 🔁 ⏮ ⏸ ⏭ ⬛ ↪ 1/1	1. Long Press to popup the menu to select volume button for adjust the volume level. 2. Press Back button to enter play background mode. 3. Press ⏸ to play/pause the track. 4. Press ⏮ to turn to previous track. 5. Press ⏭ to turn to next track. 6. Press 🔁/🔀/➡ to switch between Repeat/Shuffle/Normal playing modes. 7. Press ⬛ to turn to enter the Background Music Mode 8. Press ↪ to close the music player

Note: **Background Music Mode**

During music playback, press the Back Button to enter the Background Music Mode, in which you can use the device with playing music.

To exit the mode, select the Music icon on the home screen or long press screen to popup shortcut to enter the music playback screen, and then select ↪ to quit music player.
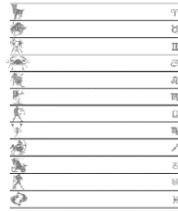
_____

Scribble

- Select Scribble icon, enter the Create Scribble interface.
- Select Create Scribble icon to choose a template for scribble.
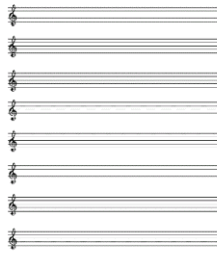- User can add templates to TF card in notes_template folder.
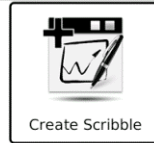
blank.png

constellation.png

gecko.png

stave.png

Recent Reading

1.bmp

GTK-2.2.chm

Time.2010-04-12.pdf

The Economist - 08.10.11.mobi

Date and Time
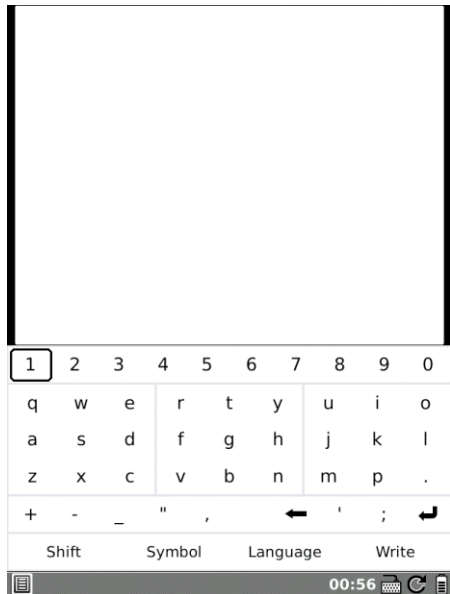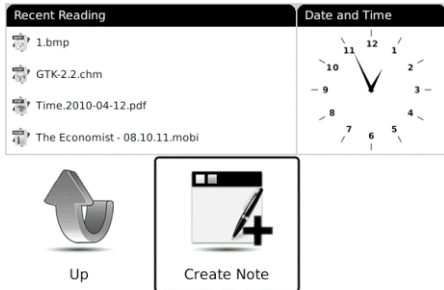
Up

Create Scribble

1/1   19:20

1/1

Notes

Create Notes

- Highlight new notes and use finger to create a new note.
- Click on the keypad to input characters.
- Press the BACK Button to pop up the notes dialog box. Highlight YES to save the new notes. Highlight NO to exit to the new notes interface without save.
- Input characters to create a file name. Highlight OK to confirm.

Web Sites

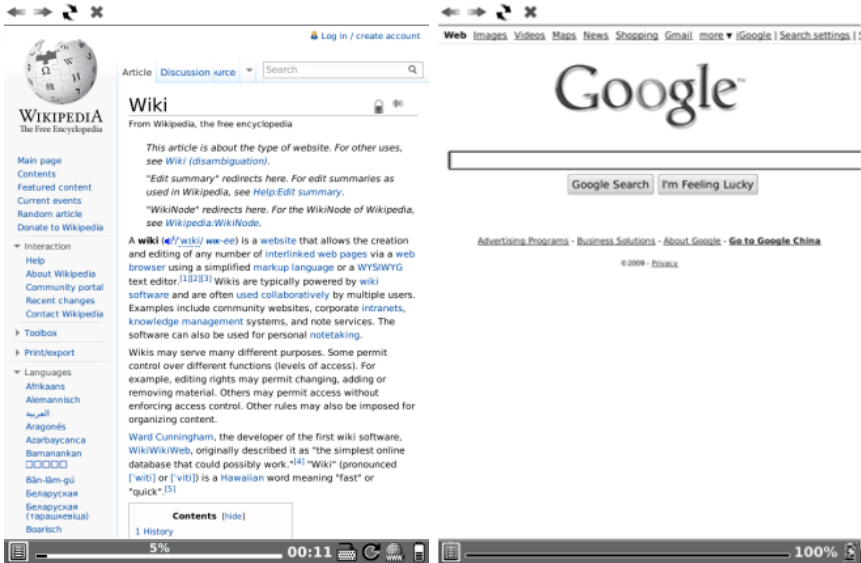Before browse website you need to access network through Wi-Fi Configuration.

Wi-Fi Configuration

At the Wi-Fi configuration interface, follow the steps below to enable the function.

	• The Hardware Address is displayed after launched web browser. • The device will search for the available Wi-Fi automatically. The available Wi-Fi connection will be displayed in the list. • Select ![icon] to add a new SSID. • Select ![icon] to refresh Wi-Fi access points.
	• Select a wireless network with the Navigation Button and press it to connect to Wi-Fi. • Enter the password if the network is encrypted. Connection will be established automatically.

_____

Web Browser

Upon the successful Wi-Fi connection, select the icon and enter Browser mode. It will automatically enter the preset homepage.

Browser Menu

Press the Menu Button to browse a web page detailed as follows:

Tool Bar	Tool bar provides four functions: **going back** to the previous website, **going forward** to the next website, **refreshing** current website, **stopping** the loading of current page.
Clock	Select clock icon, it can show the current time and reading time. Same function in each kind of e-book content.
Software keyboard	Select this software keyboard icon, you can input letters to address bar.
Refresh	Select this refresh icon to refresh the web page display.

Website icon	Select this website icon, you can input website address and go to the website directly.	
Battery Manage	Select the Power Manage icon, you can set the time of standby and automatically shut down for the device. If the time of shutdown is set, the device won't enter standby status anymore; in the other side, if set the time of standby, the device won't shutdown automatically.	
Proxy	Select this icon to set proxy for access internet.	
Tools	• Don't Save Account –Don't automatically preserve Internet account • Hide Account – Hide Internet account • Delete Password – Delete Internet account • Clear Cookies – Clear all cookies of browsed • Don't Auto-load Image – Open this option browser will not load image.	

NOTE:

Through built-in web browser, you can access the specified websites. You can input text on website use your finger. A keyboard appears after you put focus on the form. The input text string is displayed on the form after you confirm the input is done (by clicking OK button).

Applications

In this Application, you can find the Calendar, Clock and Games such apps. More applications will be added later.

◀ **2012** ▶

January

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

February

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29			

March

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

April

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

May

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

June

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

11:08

Sat Apr 21 2012

Settings

Press the Settings icon to enter the Settings mode directly. In the Settings mode, the following settings can be performed.

	Language Select the desired language. 31 kinds of languages are available.
	Date To adjust the value. Press OK Button to confirm.
	Default Font Use finger to select the font and press OK to confirm the option. **Installing Fonts:** Create a new folder named fonts in root directory of the memory card. Download the desired font files in fonts folder and restart the device. The font will be installed automatically.
	Preferred Applications You can select different applications for reading, such as Pdf Reader/FB Reader/Cool Reader/Html Reader/Office Reader.
	Start Setting Customize your boot option; select opening recently read documents or opening the main interface when booting the device.
	Screen Update Set the refreshing rates, make full screen refreshing after reading certain amount of pages, for example, every 3/5/7/9 pages, or always.

	Power Management Select the Power Management icon; you can set the time of standby and automatically shut down for the device. If the time of shutdown is set, the device won't enter standby status anymore; in the other side, if set the time of standby, the device won't shutdown automatically.
	Format Flash Select Format Flash button in settings, you can format the internal flash. Note, after doing this operation all of the data in internal flash would be removed.
	Time Zone Choose your local time zone.
	About Display the technical information of the device.

Technical Specifications

Display	6"
Resolution	800 x 600, 16 Grey scale
Supported File Formats	Book:EPUB,PDF,FB2,MOBI,TXT,RTF,HTML,HTM, CHM,PDB,DJVU,DJV,DOC, DOCX,XLS, XLSX,PPT, PPTX,ZIP
	Music: MP3
	Picture: JPG, BMP, GIF, PNG, TIFF
Adobe DRM	DRM for EPUB/PDF, built-in Adobe Reader Mobile
Expansion Slots	TF card, up to 32GB
Battery	Lithium Battery, 1600 mAh
Other Interfaces	mini USB2.0/3.5mm stereo audio jack
Dimensions	170 mm x 124 mm x 11 mm (L x W x H)
Weight	246 g

Connect to PC

Device can be easily connected to PC by USB cable. A dialog pops up immediately after the connection establishes. Select "Yes" to confirm the connection.

You can find at least one removable disk (internal flash of device) on the OS of PC. If you insert TF card in device, the TF card is also displayed as a removable disk.

Charge

- You can charge device by two ways:
- Connect device to PC by USB cable
- Charge device by power adaptor

Firmware Update

You can update the firmware by follow steps:
- Download the latest update package from Onyx website: www.onyx-boox.ru
- Save the update package in a TF card.
- Make sure the update package is located at the root directory of the TF card. No unzip is needed for this model of device. Just leave the name of update package as it is.
- Insert the TF card into device.
- Restart device, press and hold the Back button. NOTE, the Back button should be pressed before the device restarts. Hold it until you see the message 'Software update request detected, checking updates…'

Device updates itself automatically. It restarts after update finishes.
Note: Make sure device has enough power to finish the software update (at least 2 grids displayed).

Disclaimer

We make every effort to ensure that the information and procedures in this user manual are accurate and complete. No liability can and will be accepted for any errors or omissions. ONYX reserves the right to make any changes without further notice to any products herein.