

**Kibano AS**

**R1 digireader**

**R1**

## **Revision History**

<b><u>Version</u></b>	<b><u>Author</u></b>	<b><u>Date</u></b>	<b><u>Notes</u></b>
0.1	EW	2011-09-30	Initial version

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# 1 Introduction

This manual is to introduce the user interface of R1 digireader, giving you an idea on how to use R1 DIGIREADER.

## 1.1 Technical Specification

<b>CPU</b>	Marvell PXA 166e, 800 MHz
<b>Memory</b>	256MB SLC NAND FLASH for boot code 256MB LP-DDR1-200 for working memory
<b>Buttons &amp;Navigation Controls</b>	6" Capacitive Single Touch screen Home, Menu, Back, Power, Reset, Volume up/down keys, < , > G-sensor
<b>Display</b>	6" e-INK EPD, 800 x 600, 16 Level Grey Scale
<b>Battery&amp;Adapter</b>	3.7V, 1,530 mAh, rechargeable Lithium-Polymer AC-DC power adapter, 5V/1A, USB Type-B connector
<b>Connectivity</b>	USB 2.0 device and power connection SD memory card slot X1 Menca Card slot X1 WiFi 802.11 b/g/n Bluetooth 2.1+EDR FM Transmitter: SILICON LABS Si4710
<b>Audio</b>	Speaker Internal 1.0W x1 3.5mm headphone jack X1
<b>Dimension</b>	170x118x11.7mm
<b>Weight</b>	205 +- 5 gm
<b>Operating System</b>	Android 2.1
<b>Content formats</b>	eBook: ePUB, PDF Music: MP3, AAC, OGG, WAV, WMA Audio Book: MP3, WMA
<b>3<sup>rd</sup> Party Integration Required</b>	Danish, Finnish, Norwegian, Swedish, Germany, English software keyboard apk. files
<b>Localization for build-in applications</b>	English, German, Danish, Finish, Norwegian, Swedish, French, Spanish

## 1.2 Control Placement

Front view:



Back view :



## 2 About R1 digireader

### 2.1 Design concept

The R1 digireader is an eBook reader running on Android 2.1.

### 2.2 Controls

#### 2.2.1 Physical Buttons

The R1 digireader provides seven control buttons, which are “POWER”, “HOME”, “BACK”, “MENU”, “VOLUME UP”, “VOLUME DOWN”, “RESET”, “ARROW<” and “ARROW>”

**POWER:** Pressing and holding this button for two (2) seconds will open a dialog box prompting you if you want to shut down the system. And used to wake up system when system in Standby mode.

**HOME:** Pressing this button whenever you want to switch back to the home screen. Press and hold will show running processes.

**MENU:** Pressing this button will open the function menu of the active application.

**BACK:** Pressing this button during any operation will send you back to the previous menu.

**VOLUME UP:** Pressing this button can tune up the audio volume.

**VOLUME DOWN:** Pressing this button can tune down the audio volume.

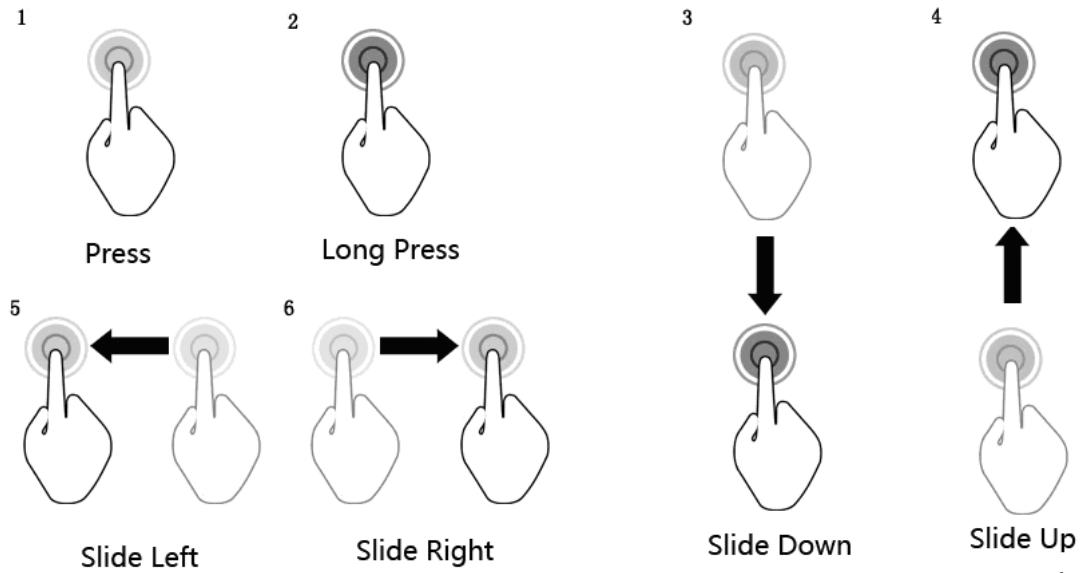
**RESET:** Pressing this button will reboot the system.

**ARROW<:** Pressing this button will go to next page when reading or view. Press and hold will turn back page by page.

**ARROW>:** Pressing this button will go to previous page when reading or view. Press and hold will turn forward page one by one.

#### 2.2.2 Touch Gesture

The R1 digireader can detect and recognize following touch gestures as shown below:



**Press** : This is the most useful gesture, requires only a single tap on the touch panel, and is frequently used to select an option. The detectable minimum area for an effective press is 1.0 cm x1.0 cm.

**Long-press:** Press and hold your finger on the panel for 2 to 3 seconds – this is one long-press gesture. The detectable minimum area for this gesture is 1.0 cm x1.0 cm.

**Slide-down** : Put your fingers on the panel softly, slide it down at least 2cm, and lift it from the panel – this is one slide-down gesture.

**Slide-up:** Put your fingers on the panel softly, slide it up at least 2cm, and lift it from the panel – this is one slide-up gesture.

**Slide-left** : Put your fingers on the panel softly, slide it to left at least 2cm, and lift it from the panel – this is one slide-left gesture.

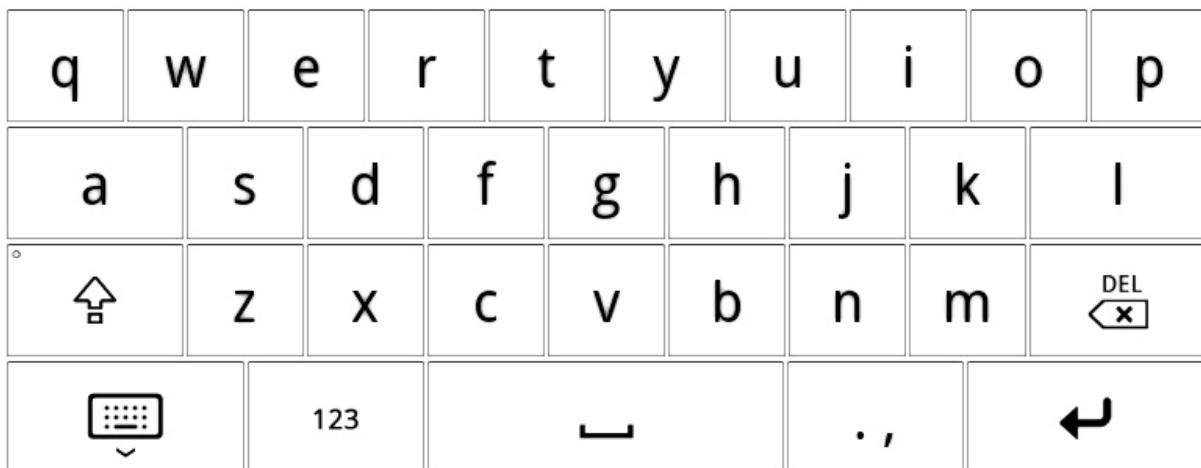
**Slide-right** : Put your fingers on the panel softly, slide it to right at least 2cm, and lift it from the panel – this is one slide-right gesture.

### 2.3 Input Method / On-screen Keyboard

The R1 digireader provides in default two kinds of input methods – English and Google Pinyin -- with their corresponding on-screen keyboard. You can specify your favorite input method as default through setting menus.

Note: Press an input area can bring up the on-screen keyboard.

### 2.3.1 On-screen Keyboard for English Input Method



The function for each key shown above is as described below :

The key with an alphabet character printed on it is an alphabet key, and you can press on it to input the corresponding character.



This is the Enter key.



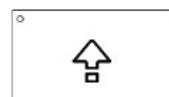
This is the Space key.



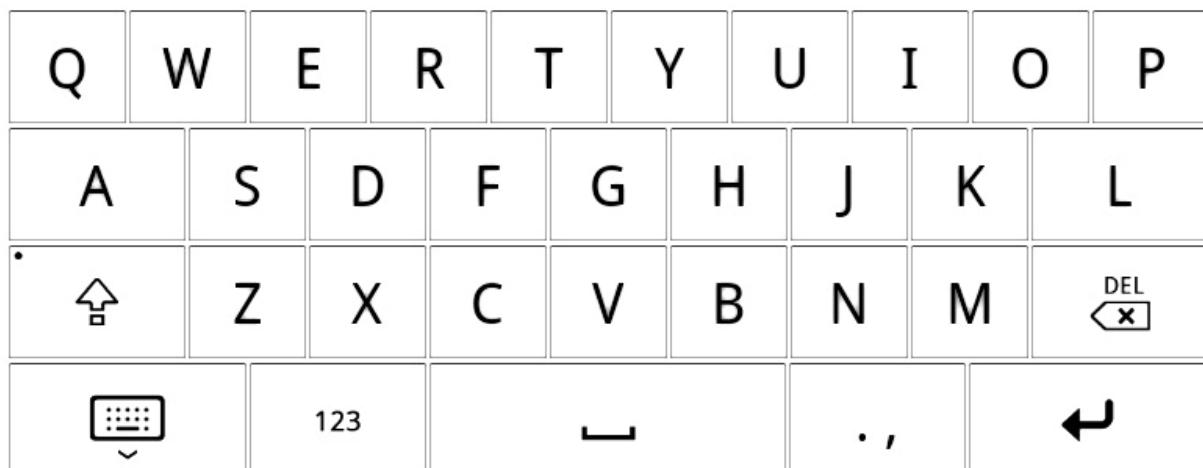
This is the Delete key (which is for deleting input character).



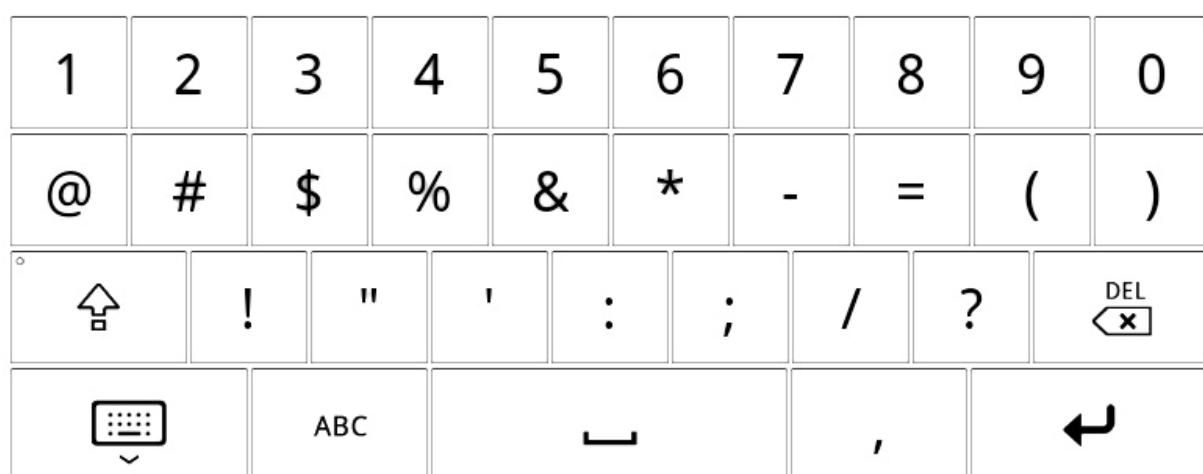
A press on this will hide the on-screen keyboard.



A press on this will active the capital mode, and will change the interface of the on-screen keyboard as shown below:

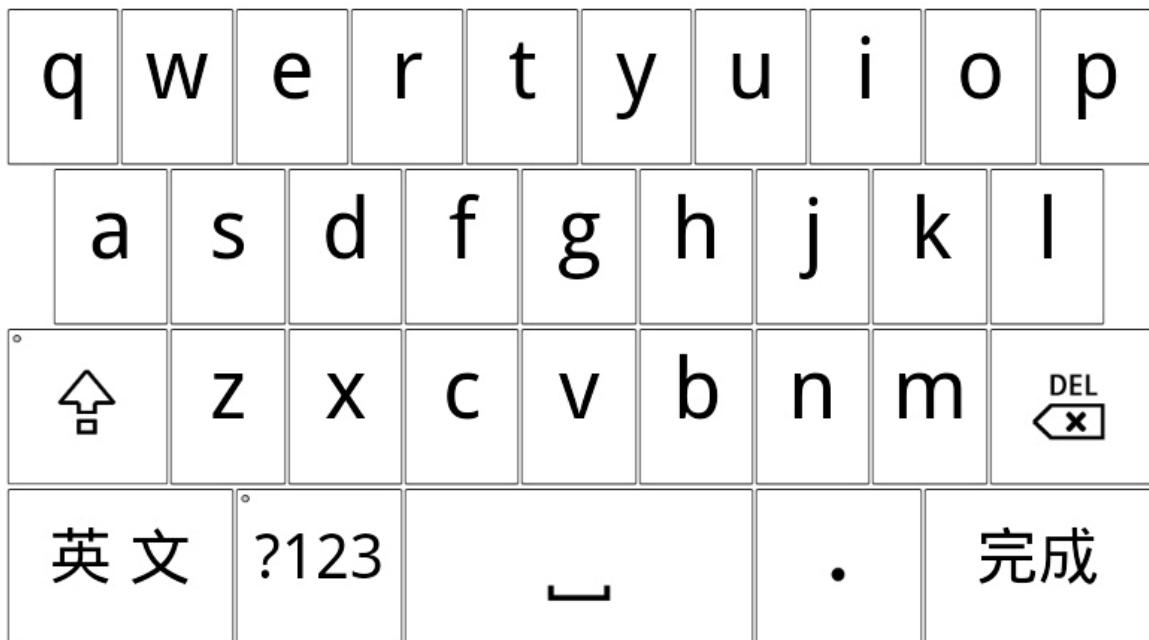


123 This is the numerical switching key. A press on it will change the interface of the keyboard as shown below:



### 2.3.2 Google Pinyin Input Method

The key functions for this method are similar to that of the English input method, so the description is saved here and please refer to the previous section for details. With the Pinyin input method, you can input text in English and Simplified Chinese. The interface of the on-screen keyboard is as below.



## 2.4 Cards

The R1 digireader provides the capability of reading and writing SD card and Menca card, The R1 digireader supports both MicroSD card (hereafter referred as “SD Card”) and Menca card (hereafter referred as “Menca card”).

### 2.4.1 SD Card

The R1 digireader support SD card work as two modes, one is standard SD card mode, another is encrypted mode(hereafter referred as “euSD”), The user can choose type when format the SD card.

#### 2.4.1.1 euSD

euSD is a standard SD Card too, euSD is used for both user data and backup/lend/purchase data. And there are two partitions on euSD (Divide the sd card into half):

- **Open Partition:** Unencrypted. User can use it store any contents from any where, such as copy from PC ... and any device can access contents in it freely
- **Close Partition:** Use some mechanism to protect contents on the SD card. It is used to store contents that backup/lend from Menca Card, and contents download from Cloud. It couldn't be accessed by any other device.

There are four pre-built folders under Open partition table of euSD:

**Music:** System will treat all files under it as music, and import them to the Library, and they can be browse under Music of the Library.

**Audiobook:** System will treat all files under it as Audiobook, and import them to the Library, and they can be browse under Audiobook of the Library.

**eBook:** System will treat all files under it as eBook, and import them to the Library, and they can be browse under eBook of the Library.

**Others:** No matter what files in it, system do not classify them. Even the pdf files, music files...

#### 2.4.1.2 Standard SD card

Standard SD card that no any encryptions.

#### 2.4.2 Menca Card

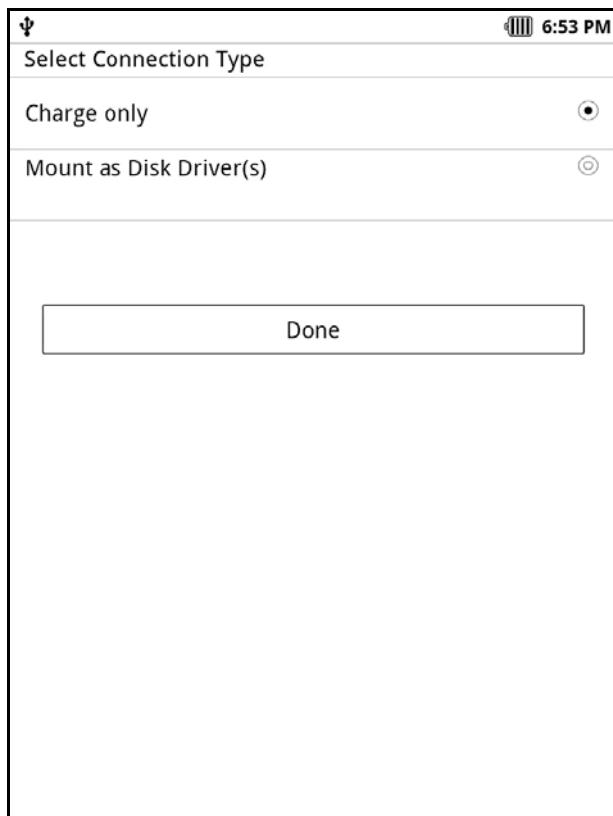
Publisher should put their content to the Menca Card, and there is an encryption partition table to protect contents in it. Menca card can only be accessed by R1 device, There are two types for Menca card partition table:

- **Open Partition:** Unencrypted. User can use it store any contents from any where, such as copy from PC ... and any device can access contents in it freely
- **Close Partition:** Use some mechanism to protect contents in it. It is used for publisher to store their contents on the Menca Card, It only can be accessed by R1 DIGIREADER device.

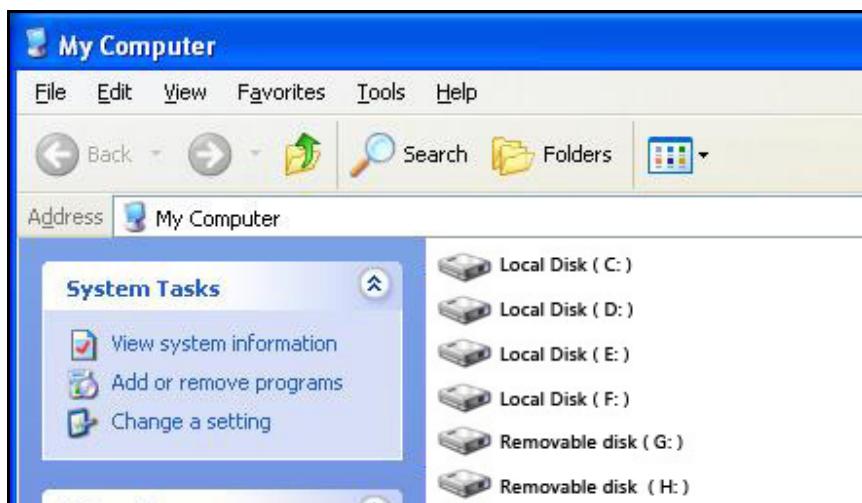
#### 2.4.3 Access cards

You can access from a PC to open partition of your cards(include SD card and Menca card) installed in your R1 digireader to exchange files.

All you need is to connect your R1 digireader to your PC with a USB cable. As soon as you complete the connection, the screen will change to the one as shown below:



Select here “Mount as Disk Driver(s)”, and SD card and Menca card will be mounted as two standard removable disk drivers. In the Windows XP, for example, there will be two removable disks newly added, as shown below. Now, you can copy files from your PC to both Card disks, as well as manage the documents stored in your R1 digireader.

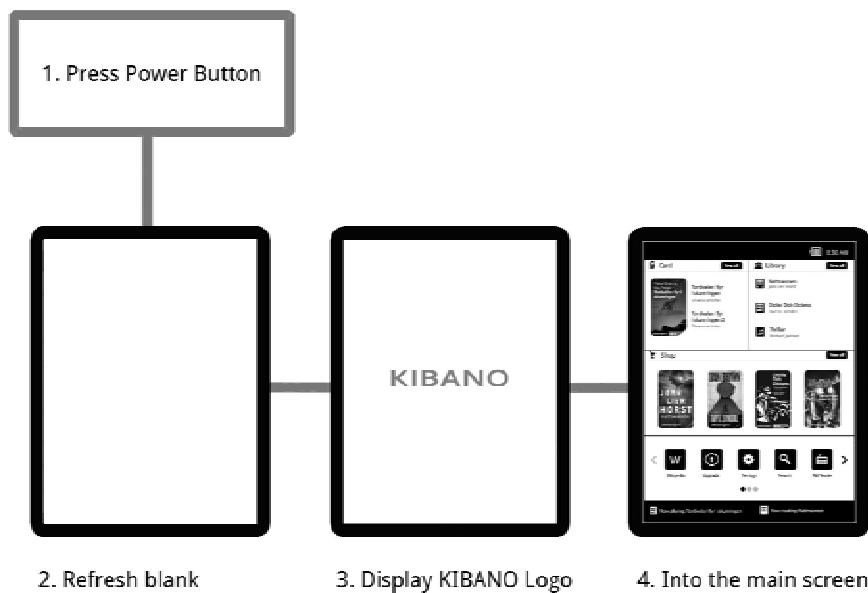


You can store files in your SD card using other SD card devices, and then insert it into the SD card slot on your R1 DIGIREADER to read the files.

Note: To the files stored in the SD cards and Menca cards, your R1 digireader will automatically perform necessary processes such as sorting and categorizing. The time required for such processes depends on the number and size of the files.

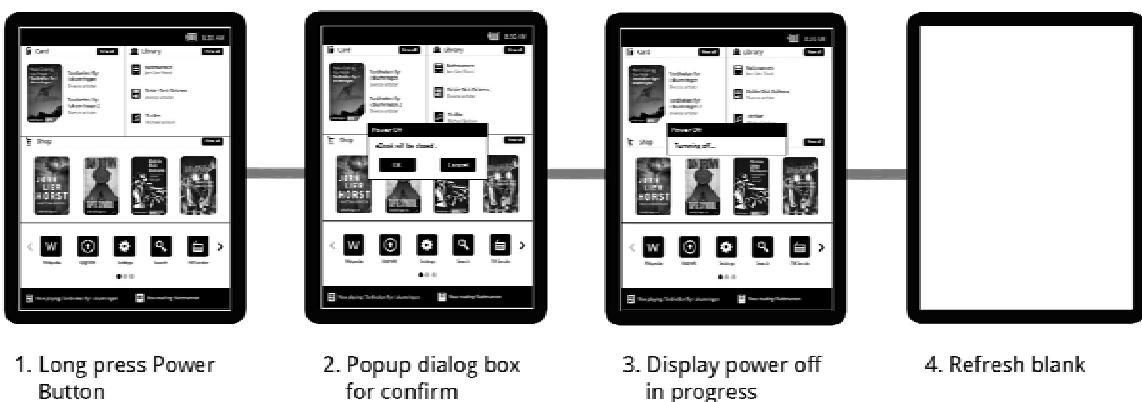
### 3 Power ON/OFF

#### 3.1 Steps to power on



1. A press on the POWER button.
2. The ePapaer screen display to white.
3. Kibano image appears.
4. The system is completely booted and the Home screen is open .

#### 3.2 Steps to power off



1. Long press the POWER button
2. A shutdown confirmation dialog box pops out
3. After user's confirmation, the system shows the shutdown is progressing
4. The ePapaer screen turn to white

# 4 Interface

## 4.1 Home Screen

Overview for Home Screen:



## 4.2 Status Bar

On the top area of the screen, there is the Status Bar. It is for showing many kind of system operating information, including battery status, network status, and current time, as well as messages notifying you an SD card being inserted/removed.

### 4.2.1 Battery status

In normal operation mode, the battery status icon indicates how many power is still left – more the white stripes, more the power left. When the battery is in full charged, the icon will be full of the stripes.



When starting the battery charging, the icon will turn into as shown below.



And once the battery fully charged, the icon will switch back to the normal operation mode with indicating fully charged.

#### 4.2.2 Wireless network status

The network status will be shown in one of the icons shown below: more the white stripes, better the network signal.



#### 4.2.3 Bluetooth status



This icon indicates the Bluetooth function has been activated. If see no this icon, it means the function is still not activated.



This icon indicates that your EB-800C has established a connection with other Bluetooth device.

#### 4.2.4 SD card status



This icon indicates a SD card is newly inserted and the system is running a check on it (In most of case, you will not see this icon appears, since the check is seldom required). The icon often will quickly be blocked from your sight by the “Preparing the SD card” message, which will also disappear soon after the SD card is ready.



This icon indicates the system is performing some preparations to the files stored in the external SD card. The preparations can be such as sorting and categorizing. Once the preparations are completed, this icon will disappear. The time required for such preparations depends on the number and size of the files.



This icon indicates the external SD card can be removed safely, and will be shown until the card is



removed from the slot. After the card being removed, the icon will be replaced by  to remind you that the SD card slot is now empty.



This icon indicates that the SD card slot is empty, and will be shown until a SD card being inserted into the slot.

### 4.3 Card Area

In the Home screen, Menca Card overview is shown on the Card Area. And shortcuts for first three alphabetical order items in the Menca Card are placed there (eBook has high priority, then Audiobook, and then Music)

When user Press “View all” button or Card ICON will guide user go to the Menca view directly;

When user Press each shortcut, it should try to open it, for example: if the item is an eBook, Open and read it, if the item is a AudioBook or Music, Open and play it.

#### **4.4 Library Area**

In the Home screen, Library overview is shown on the Library Area. And shortcuts for the last three uploading to the Library are placed there too.

When user Press “View all” button will guide user go to the Library view directly;

When user Press each shortcut, it should try to open it, for example: if the item is an eBook, Open and read it, if the item is a AudioBook or Music, Open and play it.

#### **4.5 Shop Area**

In the Home screen, Library overview is shown on the Shop Area, When the user press “View all” button will guide user go to the shop application. And four shotcut of books are placed there, when user Press any of it will show detail information of it on the shop.

#### **4.6 Application Area**

In the Home screen, Some shortcuts of application are shown on the Application Area, Press any of them will go directly to main screen of that application. User can use Touch gestures or Press arrow button on it to navigate it. Slide-left or Press arrow”>”: go to next 5 applications, Slide-right or Press arrow”<”: go to previous 5 applications.

#### **4.7 Footer**

In the Home screen, Shortcut for current reading/playing are place on the Footre Area if the user is playing a audiobook or music, or opening a book reading.

Press the shortcut will got to the audio player page or reading page.

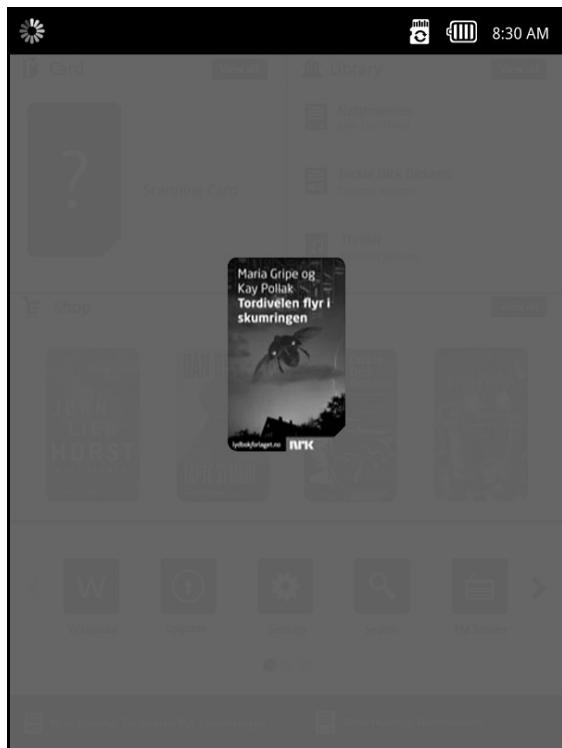
## 5 Features

### 5.1 Card view

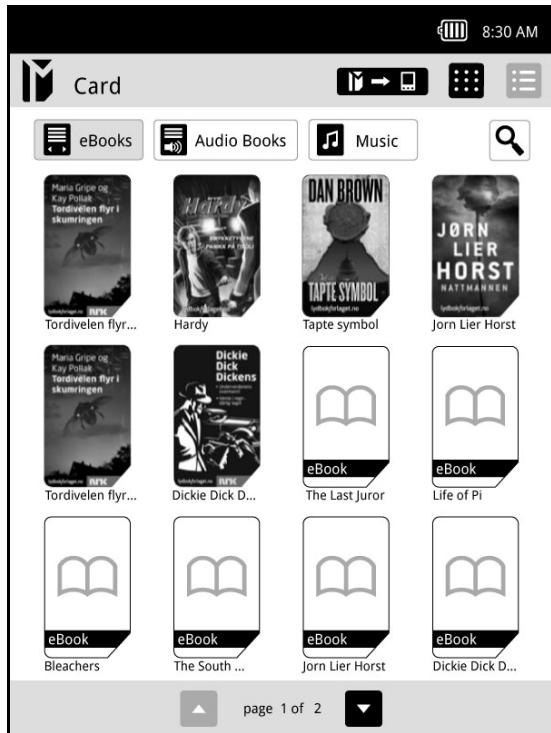
Menca card is an special kind of SD card made by KIBANO company. KIBANO eBook reader support this kind of card.

#### 5.1.1 Plug in Menca Card

When Plug in a Menca Card into KIBANO eBooks reader device. A card reading page will be displayed on screen, it will take about **several** seconds to device to recognize the card.



## 5.1.2 Content Browse



### 5.1.2.1 Browse Structure:

There are three types of items in Menca Card content browse page.

EBooks

Books

Audio Books

Books

Tracks

Music

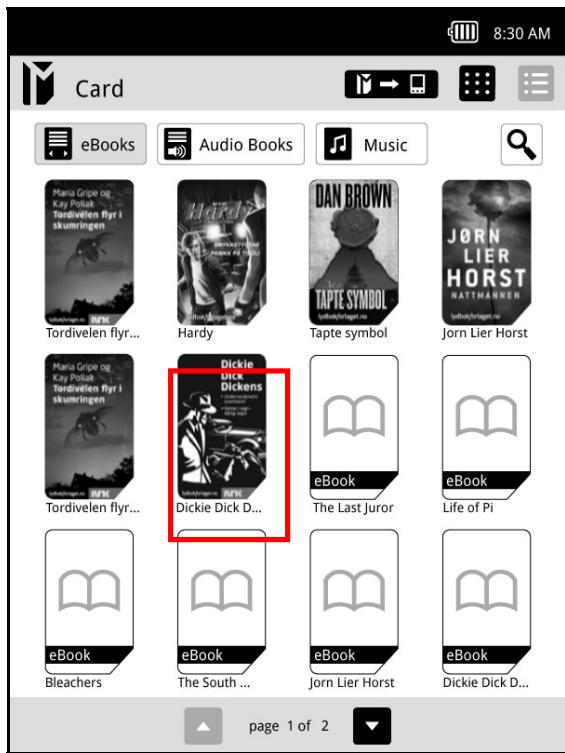
Tracks

### 5.1.2.2 Browse Modes

There are two Browse Modes when browsing Menca Card content-List mode and Thumbnail mode.



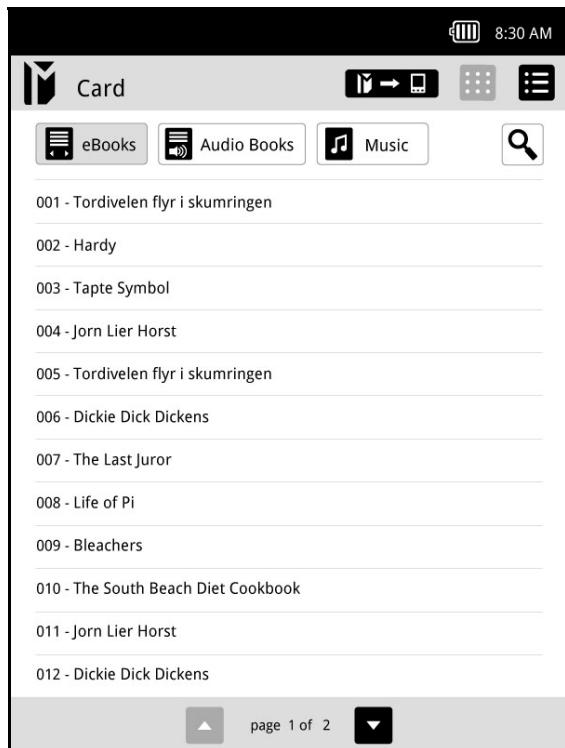
Thumbnail Mode: Items will be displayed with their cover images.



There is a cut of the image when at thumbnail mode to indicate that the contents are on the Menca Card.

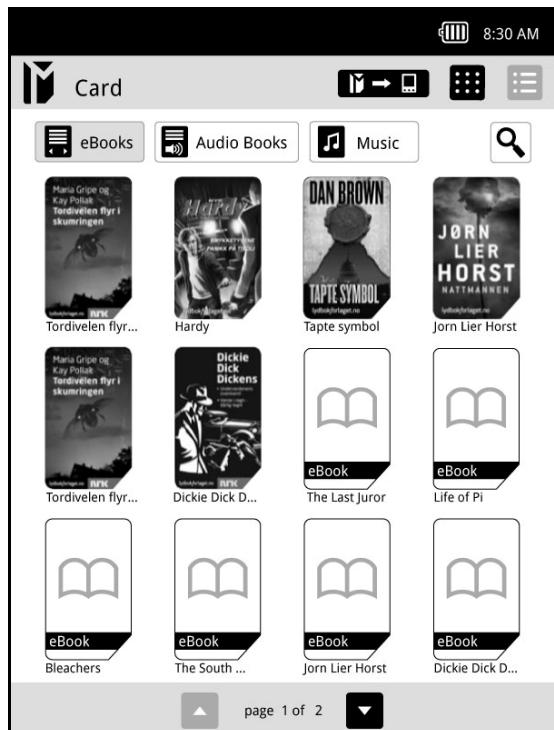


List Mode: Items will be displayed in lines.



### 5.1.3 eBooks

When choose eBooks, the eBooks on Menca Card will be listed on the page.

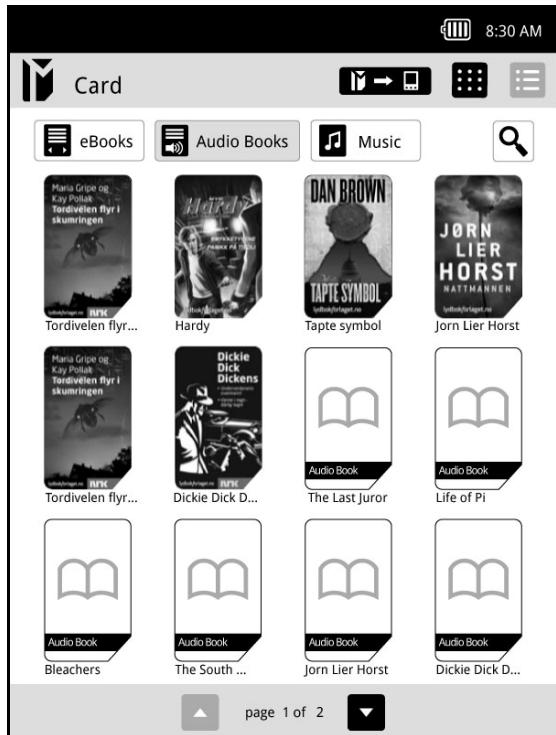


### 5.1.3.1 Operations

1. Click on a book it will open the book directly.

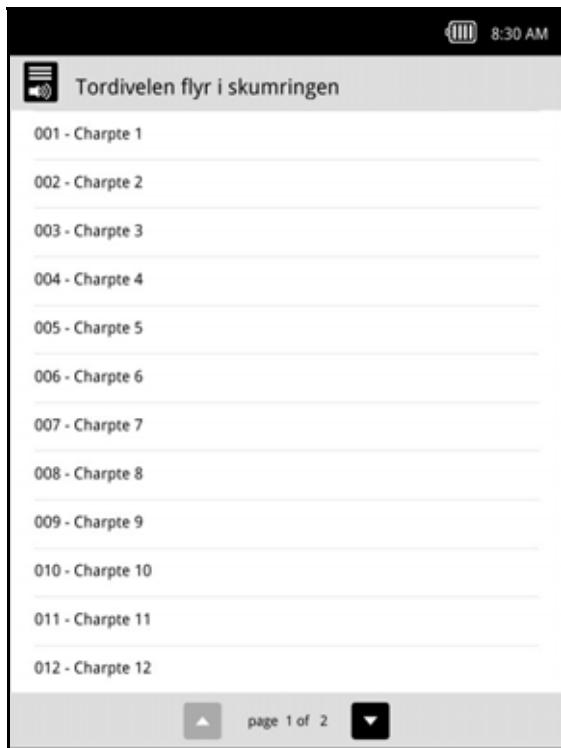
## 5.1.4 Audio Books

When choose Audio Books, the Audio Books on Menca Card will be listed on the page.



### 5.1.4.1 Operations

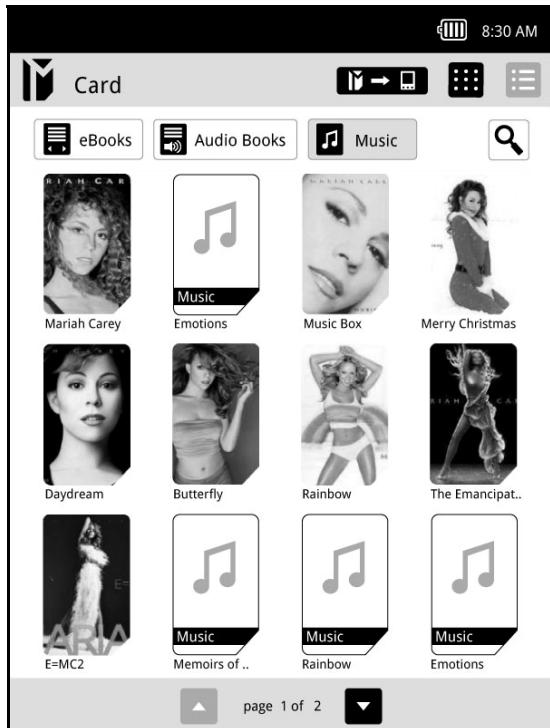
1. Click on an audio book it will enter the track list page of this



2. Then click on the track of the audio book it will start playing from it directly.

### 5.1.5 Music

When choose Music, the audio tracks on Menca Card will be listed on the page.



#### 5.1.5.1 Operations

1. One item is one track. Click on a track it will start playing it directly.

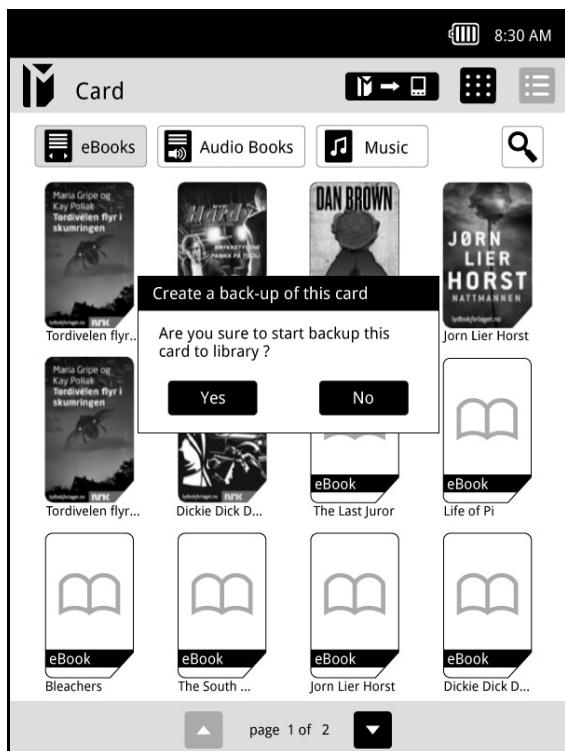
#### 5.1.6 Backup

Menca Card backup is to backup the contents on Menca Card to the euSD card attached on the system.

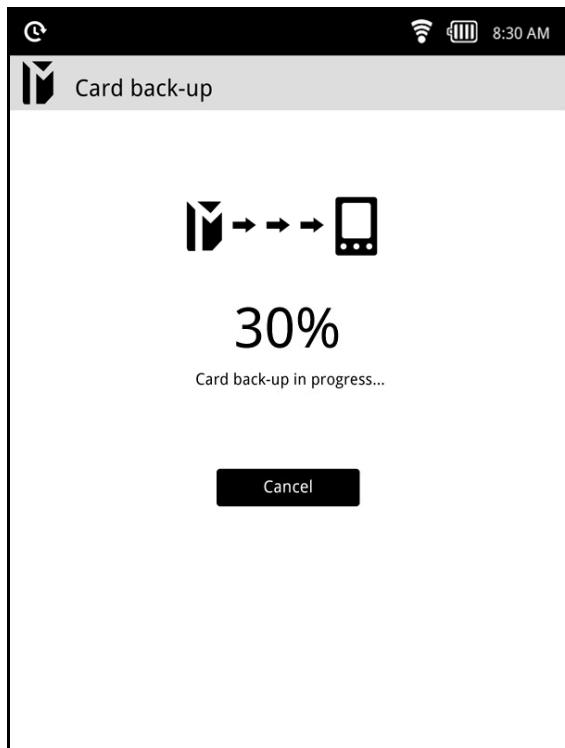
After backup, the content on Menca Card can be browsed and read/played in the library without Menca Card plug in.



Click the button , it will prompt a dialog box to inquire user whether to run the backup process.

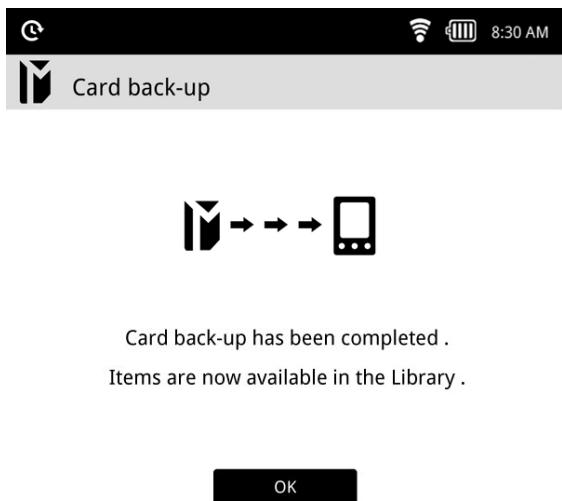


Choose “Yes” button it will go to the backup execute page



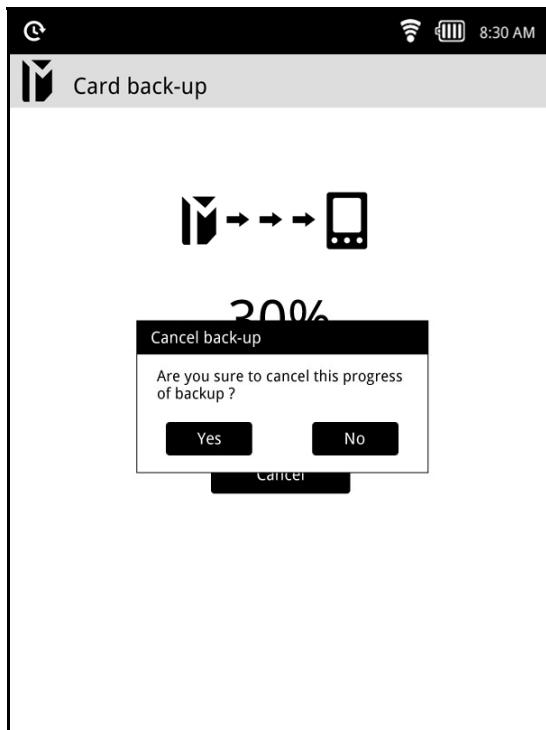
There will be a percentage of the backup progress to show on screen.

When backup runs over, it will indicate user that **“Card backup has been completed. Items are now available in the Library.”**

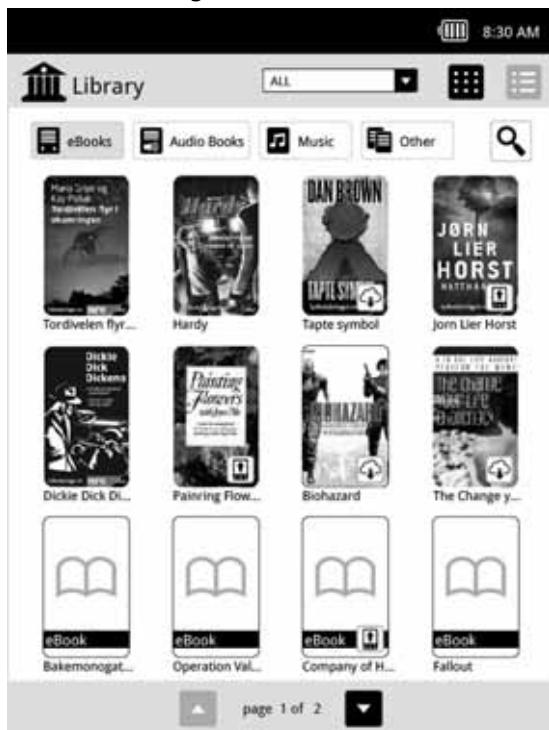


If user Click “Cancel” during the backup running in progress.

It will prompt a dialog box or user to confirm the cancel action to this process.



## 5.2 Library



### 5.2.1 Browse Structure:

eBooks

Books

Audiobooks

Books

Tracks

Music

+ Add New Playlist

All Tracks

Tracks

Playlist1

Tracks

Playlist2

Tracks

Playlist3

Tracks

.....

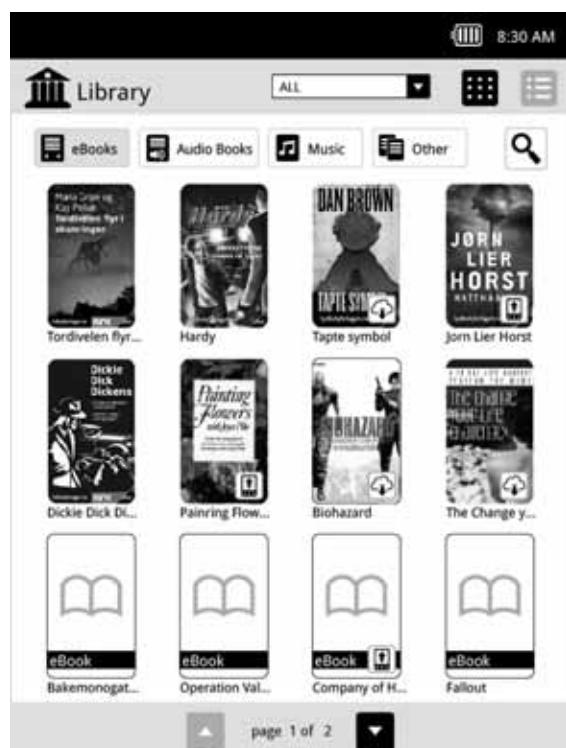
PlaylistN  
Tracks  
Other  
Files

### 5.2.2 Browse Modes

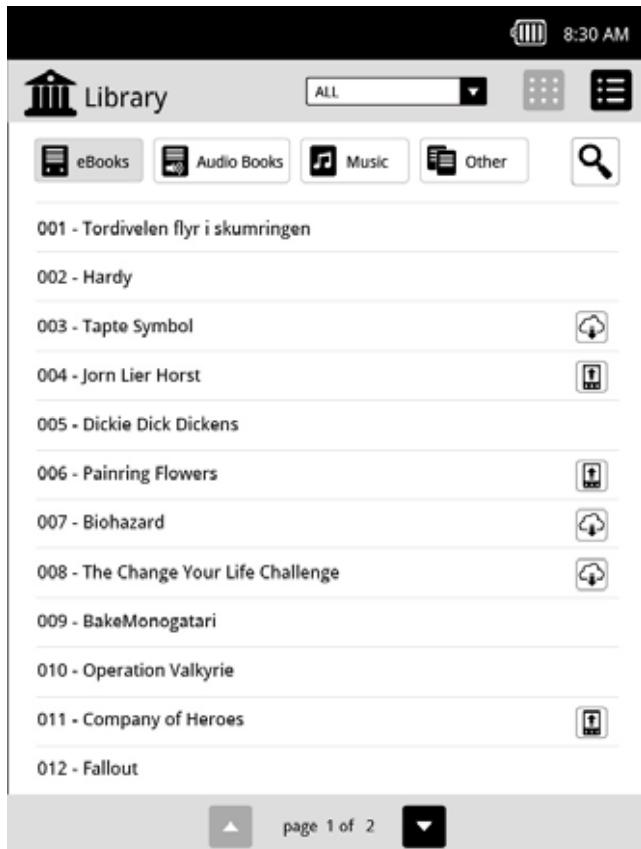
There are two Browse Modes when browsing library-List mode and Thumbnail mode.



Thumbnail Mode: Items will be displayed with their cover images.



List Mode: Items will be displayed in lines.



Notes: When browsing “Other”, it only supports list mode.

### 5.2.3 Location Filter

There is an area at the head bar for user to filter the library items from their locations.

The options are:

- 1 . All
- 2 . Device
- 3 . Cloud

When choose All, it means that the items from all locations will be listed.

When choose Device, it means that only the items on the SD card will be listed.

When choose Cloud, it means that only the items on the Cloud server will be listed.

There are three types of icon displayed on each item to indicate the location of the item:

1.  : Indicates that this item is only located on Cloud.
2.  : Indicates that this item is only located on Device (SD card).

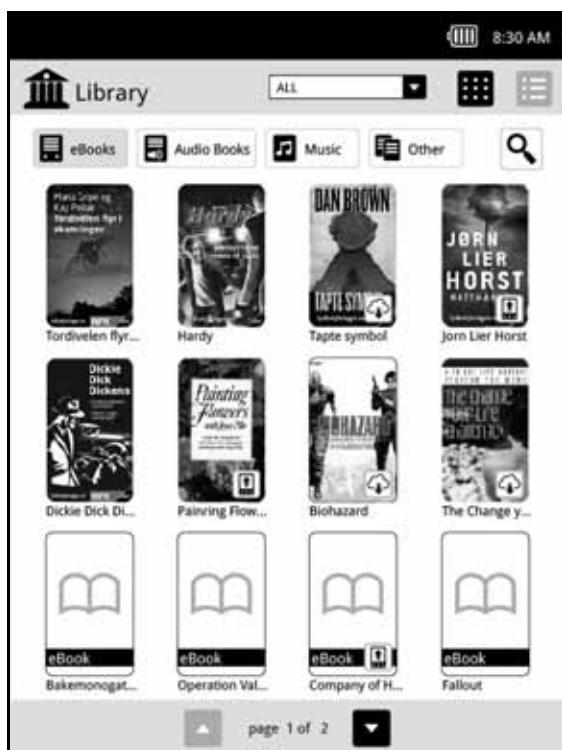
3. No icon: Indicates that this item is located both on Cloud and Device (SD card).

There are four buttons below the head bar that presents four types of items for browse:

#### 5.2.4 eBooks

When choose eBooks, the eBooks on the SD card and Cloud server (Location Filter “All”) will be listed on the page.

If the items are more than one page, there will display two buttons for go the next page or previous page at the bottom.



##### 5.2.4.1 Operations

1. Press on a book it will open the book directly.
2. Long press on a book it will prompt up a popup menu.

For eBook, user can do the following operations:

1. Read
2. Delete
3. Upload to cloud
4. Download

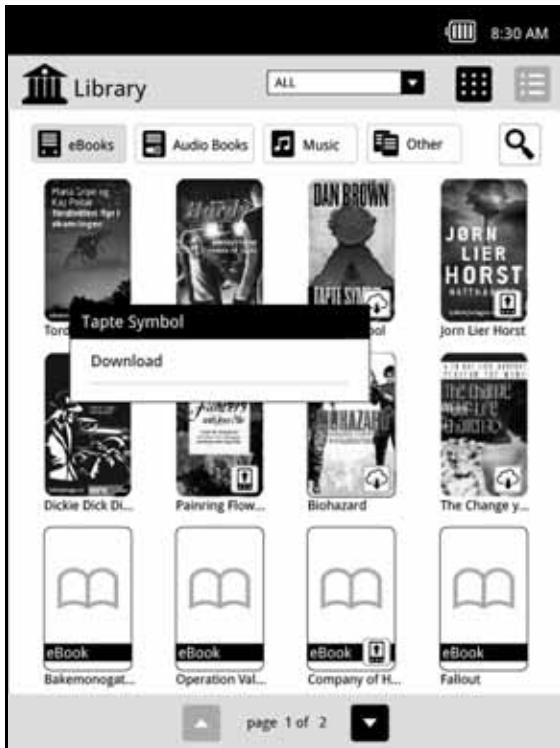
For items both on Cloud and Device:



For items only on Device:



For items only on cloud:



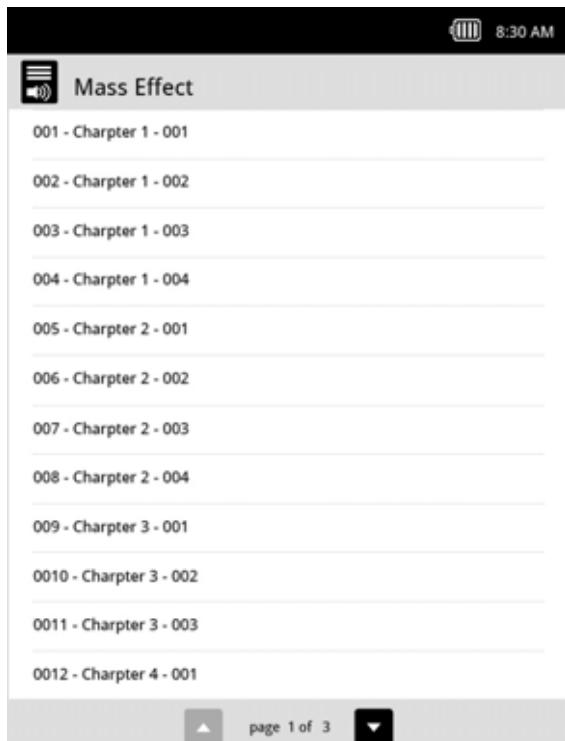
### 5.2.5 Audiobooks

When choose Audiobooks, the Audiobooks on the SD card and Cloud server (Location Filter “All”) will be listed on the page.



#### 5.2.5.1 Operations:

Click on the item of Audiobook, it will directly enter the Audiobook item's tracks page .



Long Press on the item of Audiobook, it will prompt a popup menu.

For Audiobook, user can do the following operations:

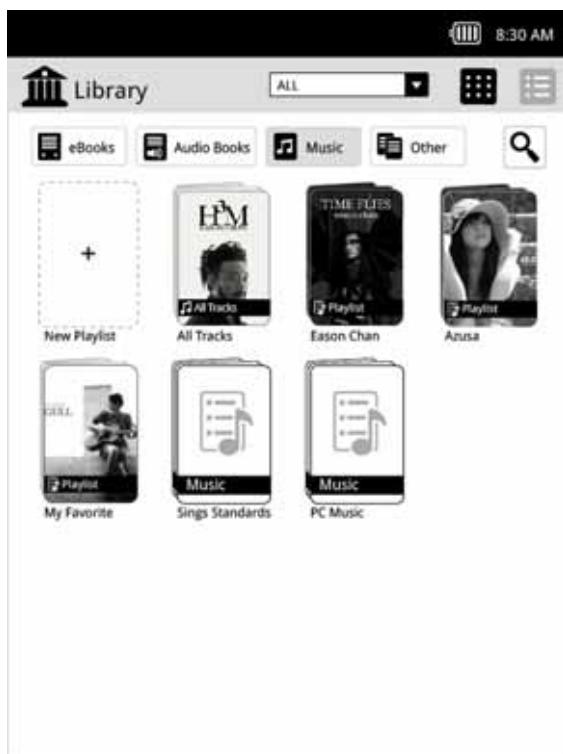
1. Play
2. Delete
3. Upload to cloud
4. Download

( The same as eBooks operations above )

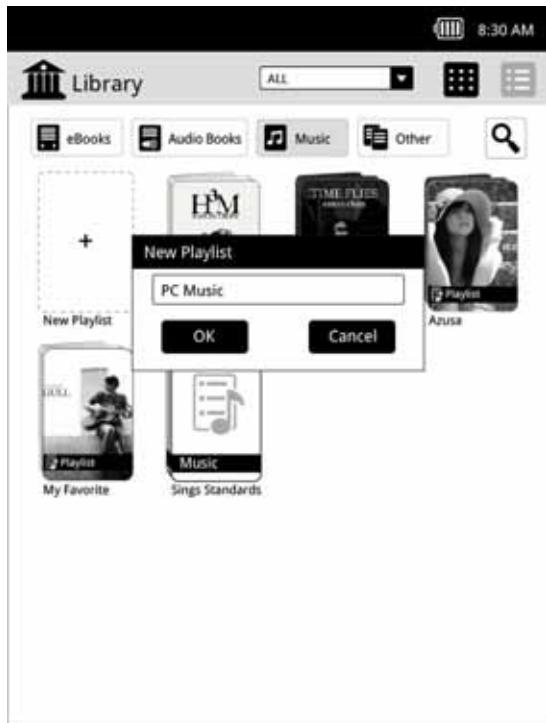
When enter the audiobook item's tracks page, click on the track item it will start playing of it.

### 5.2.6 Music

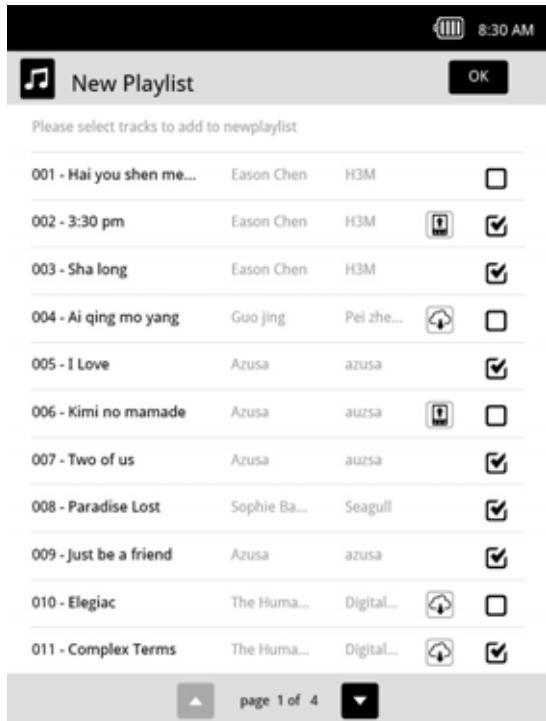
When choose Music, it will show the Music page contains: New Playlist, All Tracks and Playlist Items.



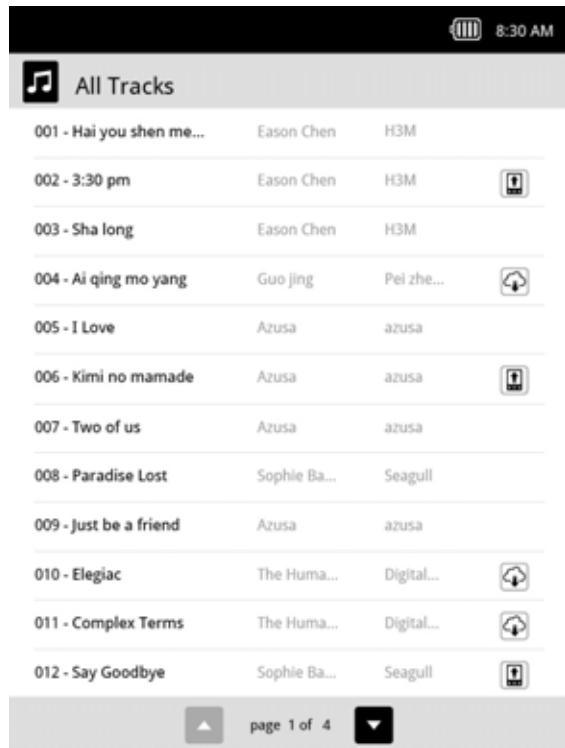
**New Playlist:** Click on New Playlist it will prompt a dialog box for user to enter a name for the new playlist being created.



Then press OK to go to the track select page for user to select the tracks he/she wants to add to this new playlist.



**All Tracks:** When click on All Tracks, it will go to the all tracks page and list out all the tracks both on the SD card and Cloud server (Location Filter “All”). And each track will contains Artist name and Album name information on it.

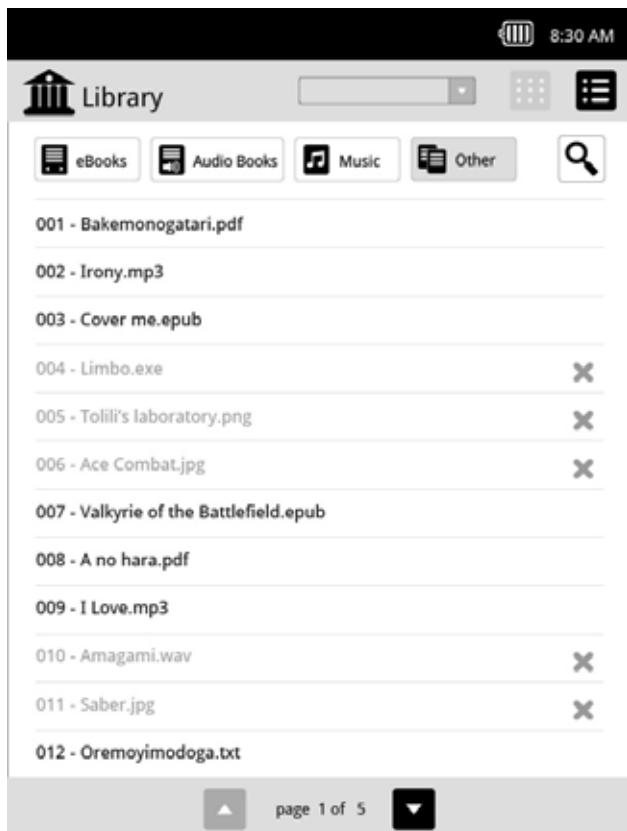


Click on the track it will start playing directly.

**Playlist Item:** When click on the Playlist item, it will go into the playlist's track page.

### 5.2.7 Other

When choose Other, it will show the files list (Only in list mode) of all the items in “Other folder” on SD card.



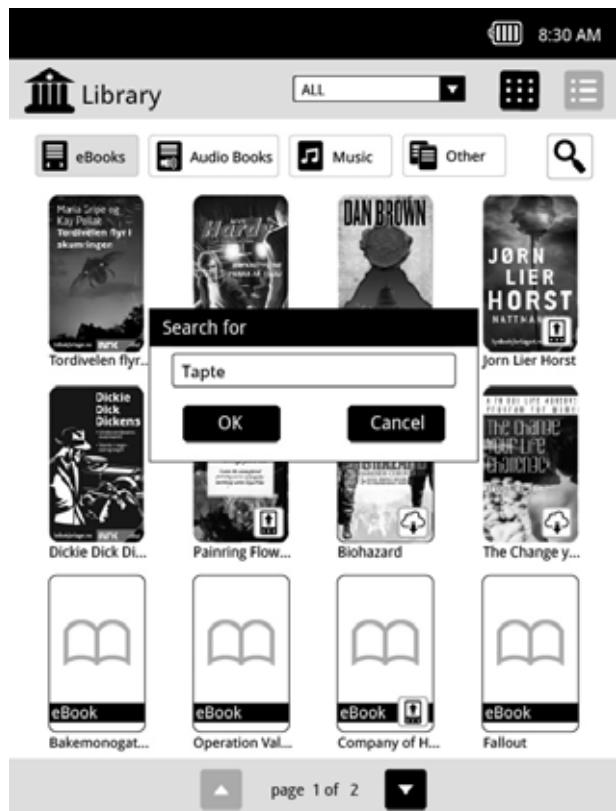
There are different formats of files can be browsed in “Other”. The icon X indicates that this item is not supported to be opened or played by this KIBANO device.

“Other” doesn’t support filter because it will only display the items on SD card, no items on cloud server.

Click on the items which is supported, it will open/play the item directly.

### 5.2.8 Search

Click on the Search button  on Library. It will prompt a dialog box for user to input the key word for search.



Press OK, it will run search and display the search operation result. The icon  indicates that this is search result status and click on it will return to the normal library browse page.



## 5.3 zReader

### 5.3.1 Supported Format

Your R1 DIGIREADER supports following ebook formats:

- ePUB
- PDF

### 5.3.2 How to open a book

When navigating to an eBook that you want to play, a press on it will start open it. Or, you can long-press the eBook to bring up its context menu, and select the Read option to start reading it.

### 5.3.3 Function Menu

Press the MENU button or touch on the middle of the reading screen, the function menu will appear.



### 5.3.4 Turn Page

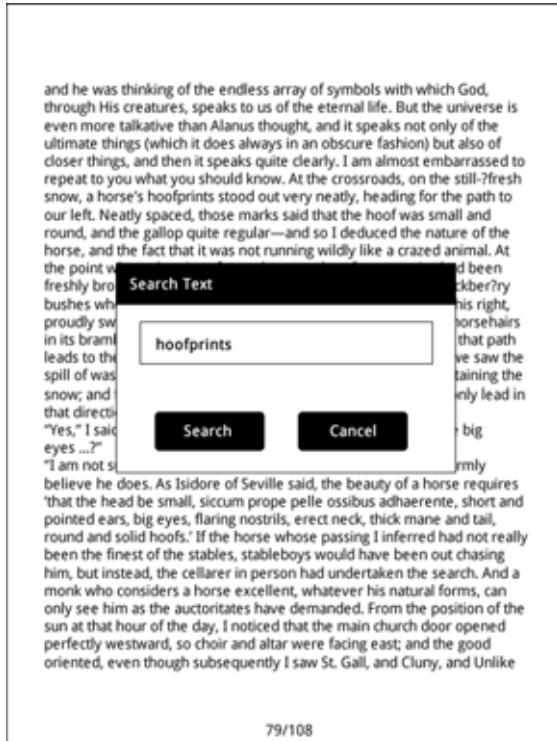
- Press “ARROW<” button will go to previous page, Press “ARROW>” button will go to next page; Press and hold “ARROW<” will turn back page by page, Press and hold “ARROW>” will turn forward page by page,
- User touch gesture **Slide-left** to turn to previous page, **Slide-right** to turn to next page.

- Press left part of the screen will turn to previous page, Press right part of the screen will turn to next page.

### 5.3.5 Search words in book



When user press  on the **function menu**, will guide the user to search word(s) as following picture shows:



Following picture shows result of search:

and he was thinking of the endless array of symbols with which God, through His creatures, speaks to us of the eternal life. But the universe is even more talkative than Alanus thought, and it speaks not only of the ultimate things (which it does always in an obscure fashion) but also of closer things, and then it speaks quite clearly. I am almost embarrassed to repeat to you what you should know. At the crossroads, on the still-fresh snow, a horse's hoofprints stood out very neatly, heading for the path to our left. Neatly spaced, those marks said that the hoof was small and round, and the gallop quite regular—and so I deduced the nature of the horse, and the fact that it was not running wildly like a crazed animal. At the point where the pines formed a natural roof, some twigs had been freshly broken off at a height of five feet. One of the blackberry bushes where the animal must have turned to take the path to his right, proudly switching his handsome tail, still held some long black horsehairs in its brambles. ... You will not say, finally, that you do not know that path leads to the dungheap, because as we passed the lower curve we saw the spill of waste down the sheer cliff below the great east tower, staining the snow; and from the situation of the crossroads, the path could only lead in that direction."

"Yes," I said, "but what about the small head, the sharp ears, the big eyes ...?"

"I am not sure he has those features, but no doubt the monks firmly believe he does. As Isidore of Seville said, the beauty of a horse requires 'that the head be small, siccum prope pelle ossibus adhaerente, short and pointed ears, big eyes, flaring nostrils, erect neck, thick mane and tail, round and solid hoofs.' If the horse whose passing I inferred had not really been the finest of the stables, stableboys would have been out chasing him, but instead, the cellarer in person had undertaken the search. And a monk who considers a horse excellent, whatever his natural forms, can only see him as the autoritates have demanded. From the position of the sun at that hour of the day, I noticed that the main church door opened perfectly westward, so choir and altar were facing east; and the good oriented, even though subsequently I saw St. Gall, and Cluny, and Unlike



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### 5.3.6 Bookmark

User can add bookmarks for eBook. When user press top-right corner of the screen, will add a bookmark for current page, following screen shot shows there is a bookmark with this page:

It was a beautiful morning at the end of November. During the night it had snowed, but only a little, and the earth was covered with a cool blanket no more than three fingers high. In the darkness, immediately after lauds, we heard Mass in a village in the valley. Then we set off toward the mountain, as the sun first appeared. While we toiled up the steep path that wound around the mountain, I saw the abbey. I was amazed, not by the walls that girded it on every side, similar to others to be seen in all the Christian world, but by the bulk of what I later learned was the Aedificium. This was an octagonal construction that from a distance seemed a tetragon (a perfect form, which expresses the sturdiness and impregnability of the City of God), whose southern sides stood on the plateau of the abbey, while the northern ones seemed to grow from the steep side of the mountain, a sheer drop, to which they were bound. I might say that from below, at certain points, the cliff seemed to extend, reaching up toward the heavens, with the rock's same colors and material, which at a certain point became keep and tower (work of giants who had great familiarity certain points, the cliff seemed to extend, reaching up toward the heavens, with the rock's same colors and material, the heavens, with the rock's same colors and material,certain point became keep and tower (work of

Bookmark ICON should overlay on the content with a certain degree of transparency if margin is very narrow, and user press the top-right of the screen(bookmark area) will cancel bookmark(s) in the page.

Other operations for bookmark.

- Browse Bookmark
- Rename Bookmark
- Delete Bookmark
- Read from bookmark

When user press  on the **function menu**, will guide the user to bookmark management page as following screen shot:



### 5.3.7 Highlights & Notes

User can add highlight to some word's or sentences to prompt the user to pay attention to. And user can delete an exist high light too. And user can add a note to a highlight too.

#### 5.3.7.1 Add Highlights&Notes

**Long-Press** on the page to place “Start” of the selection, After releasing, will prompt a **Context Menu** as following picture:

and he was thinking of the endless array of symbols with which God, through His creatures, speaks to us of the eternal life. But the universe is even more talkative than Alanus thought, and it speaks not only of the ultimate things (which it does always in an obscure fashion) but also of closer things.   is quite clearly, I am almost embarrassed to repeat to you what you should know. At the crossroads, on the still-fresh snow, a horse's hoofprints stood out very neatly, heading for the path to our left. Neatly spaced, those marks said that the hoof was small and round, and the gallop quite regular—and so I deduced the nature of the horse, and the fact that it was not running wildly like a crazed animal. At the point where the pines formed a natural roof, some twigs had been freshly broken off at a height of five feet. One of the blackberry bushes where the animal must have turned to take the path to his right, proudly switching his handsome tail, still held some long black horsehairs in its brambles. ... You will not say, finally, that you do not know that path leads to the dungheap, because as we passed the lower curve we saw the spill of waste down the sheer cliff below the great east tower, staining the snow; and from the situation of the crossroads, the path could only lead in that direction."

"Yes," I said, "but what about the small head, the sharp ears, the big eyes...?"

"I am not sure he has those features, but no doubt the monks firmly believe he does. As Isidore of Seville said, the beauty of a horse requires 'that the head be small, siccum prope pelle ossibus adhaerente, short and pointed ears, big eyes, flaring nostrils, erect neck, thick mane and tail, round and solid hoofs.' If the horse whose passing I inferred had not really been the finest of the stables, stableboys would have been out chasing him, but instead, the cellarer in person had undertaken the search. And a monk who considers a horse excellent, whatever his natural forms, can only see him as the auctoritates have demanded. From the position of the sun at that hour of the day, I noticed that the main church door opened perfectly westward, so choir and altar were facing east; and the good oriented, even though subsequently I saw St. Gall, and Cluny, and Unlike

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When user select “**Cancel**” option will cancel the operation for placing current pushpin;

When user select “**Mark Start**” option, will place a pushpin on the page as following picture: that means we have choose START.

and he was thinking of the endless array of symbols with which God, through His creatures, speaks to us of the eternal life. But the universe is even more talkative than Alanus thought, and it speaks not only of the ultimate things (which it does always in an obscure fashion) but also of closer things, and then it speaks quite clearly. I am almost embarrassed to repeat to you what you should know. At the crossroads, on the still-fresh snow, a horse's hoofprints stood out very neatly, heading for the path to our left. Neatly spaced, those marks said that the hoof was small and round, and the gallop quite regular—and so I deduced the nature of the horse, and the fact that it was not running wildly like a crazed animal. At the point where the pines formed a natural roof, some twigs had been freshly broken off at a height of five feet. One of the blackberry bushes where the animal must have turned to take the path to his right, proudly switching his handsome tail, still held some long black horsehairs in its brambles. ... You will not say, finally, that you do not know that path leads to the dungheap, because as we passed the lower curve we saw the spill of waste down the sheer cliff below the great east tower, staining the snow; and from the situation of the crossroads, the path could only lead in that direction."

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"I am not sure he has those features, but no doubt the monks firmly believe he does. As Isidore of Seville said, the beauty of a horse requires 'that the head be small, siccum prope pelle ossibus adhaerente, short and pointed ears, big eyes, flaring nostrils, erect neck, thick mane and tail, round and solid hoofs.' If the horse whose passing I inferred had not really been the finest of the stables, stableboys would have been out chasing him, but instead, the cellarer in person had undertaken the search. And a monk who considers a horse excellent, whatever his natural forms, can only see him as the auctoritates have demanded. From the position of the sun at that hour of the day, I noticed that the main church door opened perfectly westward, so choir and altar were facing east; and the good oriented, even though subsequently I saw St. Gall, and Cluny, and Unlike

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Until now, if user want to cancel “START” pushpin, **Long-Press** on “START” pushpin will pop up menu to cancel it, else will continue to place “END pushpin on the page.

For placing “END” pushpin, the way is same with placing “START” pushpin somehow: Long-Press on the page, will pop up Context menu as following:



When user select “**Mark Start**” option will cancel “START” pushpin that placed just now, and place a new “START” pushpin.;

When user select “**Cancel Select**” option will cancel the selection and two pushpins will be removed from the page;

When user select “**Highlight**” option will add a highlight for current reading book, and should use first 20 words as name of this Highlight. Following picture shows a valid Highlight:

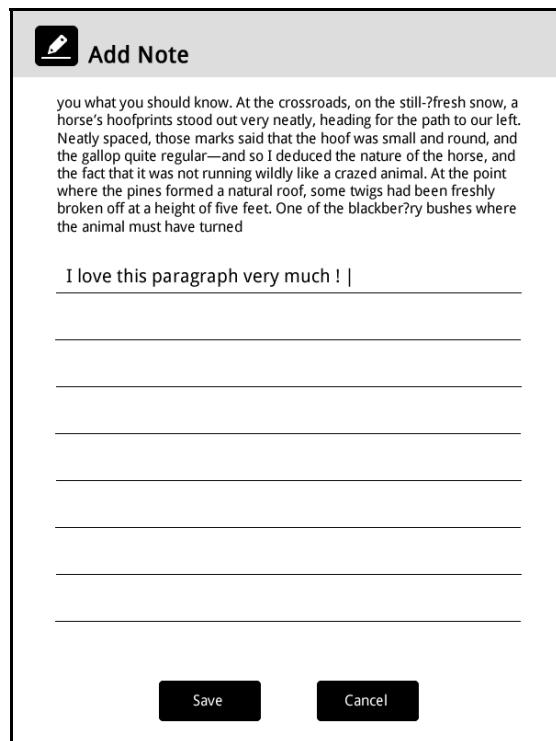
and he was thinking of the endless array of symbols with which God, through His creatures, speaks to us of the eternal life. But the universe is even more talkative than Alanus thought, and it speaks not only of the ultimate things (which it does always in an obscure fashion) but also of closer things, and then it speaks quite clearly. I am almost embarrassed to repeat to you what you should know. At the crossroads, on the still-fresh snow, a horse's hoofprints stood out very neatly, heading for the path to our left. Neatly spaced, those marks said that the hoof was small and round, and the gallop quite regular—and so I deduced the nature of the horse, and the fact that it was not running wildly like a crazed animal. At the point where the pines formed a natural roof, some twigs had been freshly broken off at a height of five feet. One of the blackberry bushes where the animal must have turned to take the path to his right, proudly switching his handsome tail, still held some long black horsehairs in its brambles. ... You will not say, finally, that you do not know that path leads to the dungheap, because as we passed the lower curve we saw the spill of waste down the sheer cliff below the great east tower, staining the snow; and from the situation of the crossroads, the path could only lead in that direction."

"Yes," I said, "but what about the small head, the sharp ears, the big eyes ...?"

"I am not sure he has those features, but no doubt the monks firmly believe he does. As Isidore of Seville said, the beauty of a horse requires 'that the head be small, siccum prope pelle ossibus adhaerente, short and pointed ears, big eyes, flaring nostrils, erect neck, thick mane and tail, round and solid hoofs.' If the horse whose passing I inferred had not really been the finest of the stables, stableboys would have been out chasing him, but instead, the cellarier in person had undertaken the search. And a monk who considers a horse excellent, whatever his natural forms, can only see him as the auctoritates have demanded. From the position of the sun at that hour of the day, I noticed that the main church door opened perfectly westward, so choir and altar were facing east; and the good oriented, even though subsequently I saw St. Gall, and Cluny, and Unlike

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When user select “**Add Note**” option will guide user to add a “Note” for current reading book as following picture showing:



After user saving the Note, you can see a valid Note on the page as following picture:

and he was thinking of the endless array of symbols with which God, through His creatures, speaks to us of the eternal life. But the universe is even more talkative than Alanus thought, and it speaks not only of the ultimate things (which it does always in an obscure fashion) but also of closer things, and then it speaks quite clearly. I am almost embarrassed to repeat to you what you should know. At the crossroads, on the still-fresh snow, a horse's hoofprints stood out very neatly, heading for the path to our left. Neatly spaced, those marks said that the hoof was small and round, and the gallop quite regular—and so I deduced the nature of the horse, and the fact that it was not running wildly like a crazed animal. At the point where the pines formed a natural roof, some twigs had been freshly broken off at a height of five feet. One of the blackberry bushes

where the animal must have turned to take the path to his right, proudly switching his handsome tail, still held some long black horsehairs in its brambles. ... You will not say, finally, that you do not know that path leads to the dungheap, because as we passed the lower curve we saw the spill of waste down the sheer cliff below the great east tower, staining the snow; and from the situation of the crossroads, the path could only lead in that direction."

"Yes," I said, "but what about the small head, the sharp ears, the big eyes ...?"

"I am not sure he has those features, but no doubt the monks firmly believe he does. As Isidore of Seville said, the beauty of a horse requires 'that the head be small, siccum propero pelle ossibus adhaerente, short and pointed ears, big eyes, flaring nostrils, erect neck, thick mane and tail, round and solid hoofs.' If the horse whose passing I inferred had not really been the finest of the stables, stableboys would have been out chasing him, but instead, the cellarer in person had undertaken the search. And a monk who considers a horse excellent, whatever his natural forms, can only see him as the auctoritates have demanded. From the position of the sun at that hour of the day, I noticed that the main church door opened perfectly westward, so choir and altar were facing east; and the good oriented, even though subsequently I saw St. Gall, and Cluny, and Unlike

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### 5.3.7.2 Highlights&Notes management



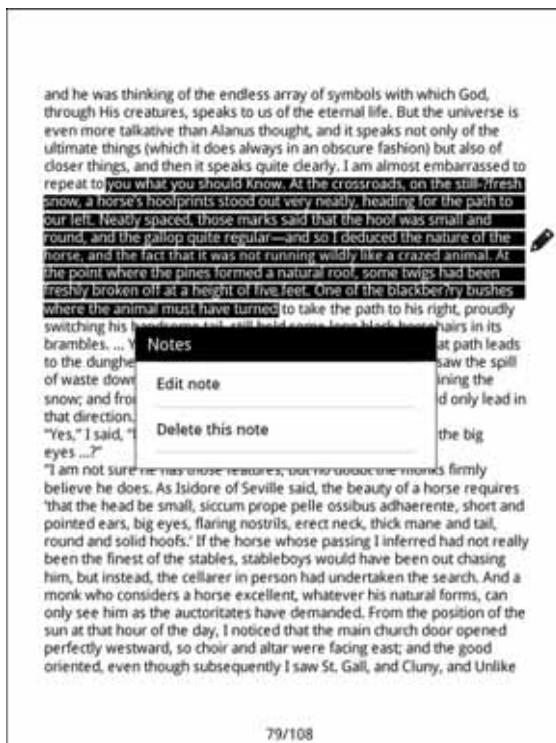
When user press **function menu**, will guide the user to “Highlights&Notes” management page as following screen shot:

The screenshot shows a mobile application interface for managing highlights and notes. At the top, there is a navigation bar with icons for 'Contents', 'Chapters', 'Bookmarks', and 'Note&Highlights'. The 'Note&Highlights' icon is highlighted. Below the navigation bar is a search bar with the placeholder text 'ddewfregtrhgyehytjurjuyju ...'. The main content area displays a list of items, each with a small icon and some text. The fourth item in the list, 'rfurehufhrhgotih', has a context menu open over it. The menu has three options: 'Open', 'Rename', and 'Delete'. The menu is titled 'rfurehufhrhgotih'. At the bottom of the screen, there are navigation buttons for 'page 1 of 1'.

If user **Long-press** on a **Highlight** will popup a context menu to guide user delete the highlight.



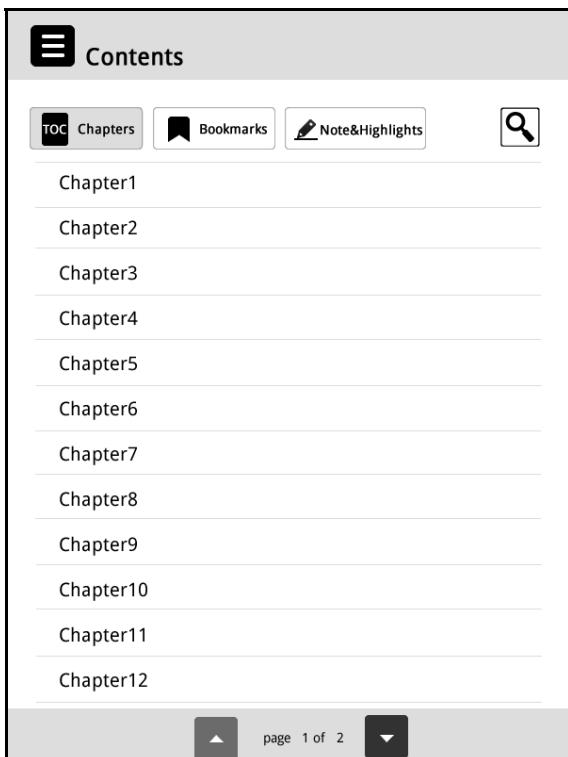
If user **Long-press** on a **Note** will popup a context menu to guide user delete or edit the note.



### 5.3.8 TOC

Show title of chapters, and then user can select a chapter and begin to read from it.

When user press  on the **function menu**, will guide the user to show table of content for current reading book as following screen shot:



### 5.3.9 Reading history

Remembers the last reading of the book, and can remember the last reading position for each book too.

### 5.3.10 Go to page

User can specify a Page No, Then begin to read from that page.

When user press  on the **function menu**, will guide the user to go to the page she/he want:

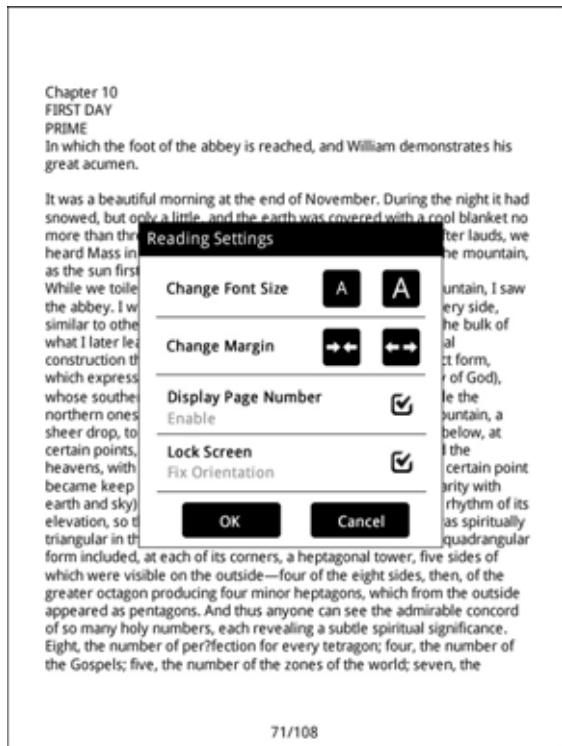


User can also press on the progress bar to go to page.

### 5.3.11 Settings



When user press  on the **function menu**, will guide the user to setting of the reader as following screen shot:



### 5.3.11.1 Font size

There are 5 levels for font.



If user press **A** will enlarge font a level, and if it is already the largest level, this button should be invalid.



If user press **A** will reduce font a level, and if it is already the smallest level, this button should be invalid.

Change result should be seen immediately on the screen.

### 5.3.11.2 Margin

There only are 3 levels for margin.



If user press **↔** will enlarge margin a level, and if it is already the largest level, this button should be invalid.



If user press **↔** will reduce margin a level, and if it is already the smallest level, this button should be invalid.

Change result should be seen immediately on the screen.

### 5.3.11.3 Page NO

Users can decide whether to show Page No. When user checked the “Display page Number” checkbox will show page No when reading:

### 5.3.11.4 Lock Screen

When user checked the “Lock Screen” checkbox screen will not be reversed according to G-Sensor

### 5.3.11.5 Zoom in/out

When reading PDF, Setting page should be changed as following picture,



If user press will enlarge zoom rate a level, and if it is already the largest level, this button should be invalid.

If user press will reduce zoom rate a level, and if it is already the smallest level, this button should be invalid.

There only are 5 levels for zoom rate.

### **5.3.12      Reading PDF in zoom-in mode**

When in “zoom in” mode, User can use touch gestures “Slide-up”, “Slide-down”, “Slide-left” and “Slide-right” to move screen on the page.

User only can use “**ARROW>**” and “**ARROW<**” buttons to turn page, and use “**MENU**” button to invoke function menu when in “zoom in” mode.

### **5.3.13      Standby mode**

System pick up randomly author picture(Kibano will give us several pictures) to show when system enter into Standby mode. Press **POWER** button will wake up the system.

## **5.4 Audio Player**

Your R1 DIGIREADER supports many kind of Audio format with earphone output. You can play and enjoy your music while you are reading an eBook.

### **5.4.1    Supported audio formats**

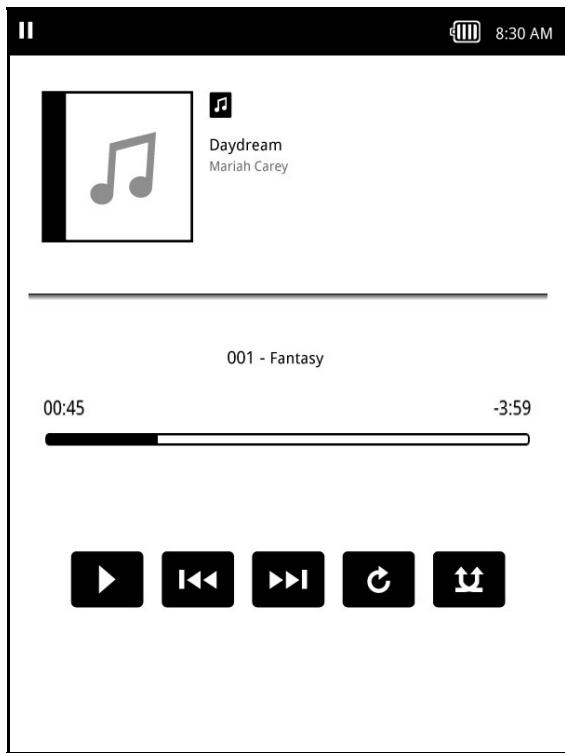
- MP3
- AAC
- OGG
- WAV
- WMA

Audio Book: MP3, WMA

### **5.4.2    How to play a track**

When navigating to a track that you want to play, a press on it will start playing it. Or, you can long-press the track to bring up its context menu, and select the Play option to start playing it.

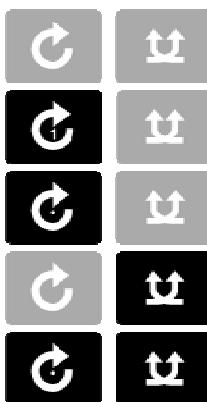
### **5.4.3    Playing screen**



#### 5.4.4 Play modes

Here are several play modes you can apply while playing tracks. They are:

- Normal sequential mode
- Single repeat mode
- Repeat-all mode
- Random mode
- Random repeat mode



By pressing setting the repeat and random icons to different statuses, you can select and set your mode according to the combinations as shown above.

#### 5.4.5 Play controls

While an audio track is being played, you can perform pause/previous/next actions by pressing the corresponding button.



When you press the Pause button and the play is stopped, the button will change its icon and become a Play button. A second press on the button will resume the playback.



Press the Previous icon will start playing the previous track.

Press the Next icon will start playing the next track.

## 5.5 AudioBook Player

Your R1 digireader supports some kind of AudioBook format with earphone output.

### 5.5.1 Supported audio formats

- MP3
- WMA

### 5.5.2 How to play a AudioBook

When navigating to an AudioBook that you want to listen, a press on it will start listening it. Or, you can long-press the AudioBook to bring up its context menu, and select the Play option to start playing it.

### 5.5.3 Playing screen



#### 5.5.4 Play controls

While an AudioBook being played, you can perform pause/previous/next actions by pressing the corresponding button.



When you press the Pause button and the play is stopped, the button will change its icon and become a Play button. A second press on the button will resume the playback.



Press the Previous icon will start playing the previous chapter.

Press the Next icon will start playing the next chapter

Press the Repeat icon will play current chapter repeatly

Press the Bookmark icon will mark current position as a bookmark

#### 5.5.5 Bookmark

You can add Bookmark for an Audiobook when you are listen it, and four bookmarks added recently will show on Bookmark area. You can Press any of them to start listen from there, and you can Press “View all” button to manage all bookmarks for the book.



## 5.6 Search

## 5.7 FM sender

Press on the “FM sender” icon on the Home Screen will start FM sender application.



Once the check box has been checked, the FM sender will be activated and will broadcast as the now frequency (like 106.2 in pic)

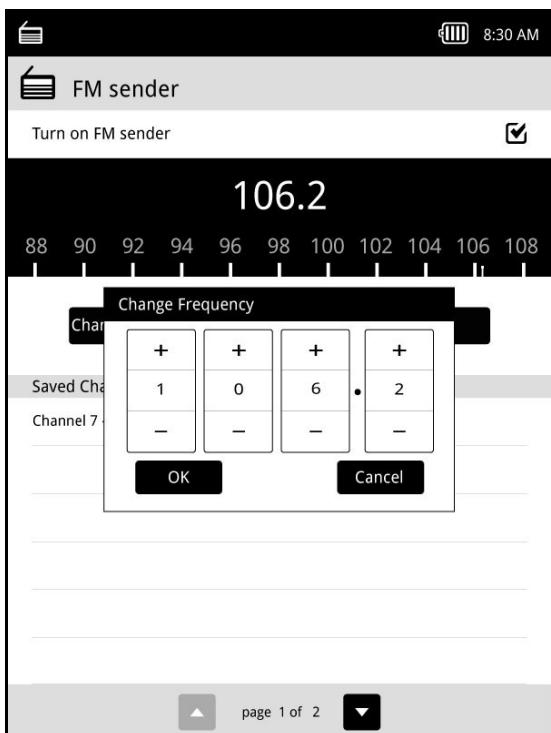
There will be an FM Sender Active icon at status bar to indicate user that FM sender is working.



When Press the “Change Frequency” button, a box will be popup to let user input the value he wants. Once input over, press “OK” button the frequency value will be set.

If the FM Sender is active, the value set will immediately become effective

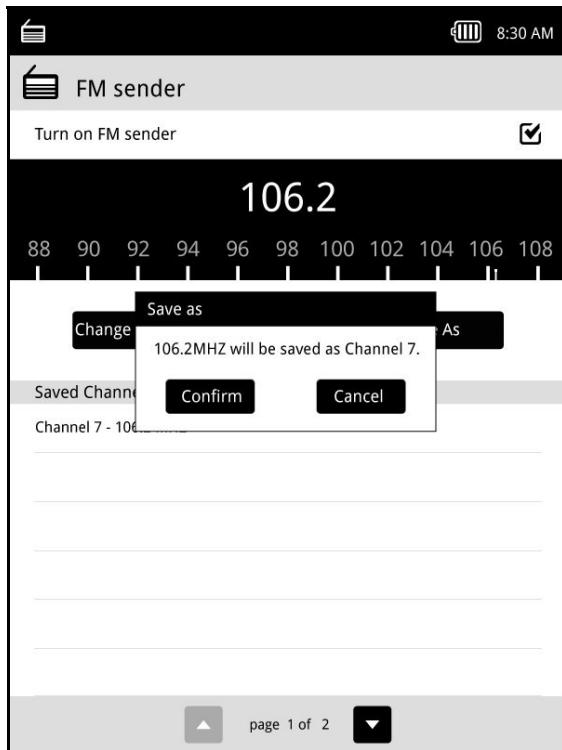
If the FM Sender is not active, the value set will become effective when turn on FM sender.



User can save the usually used frequency as Channels in order to get it easily next time.

When click on “Save As” button a dialog box will be popup to let user confirm the action of adding the current frequency value as a channel.

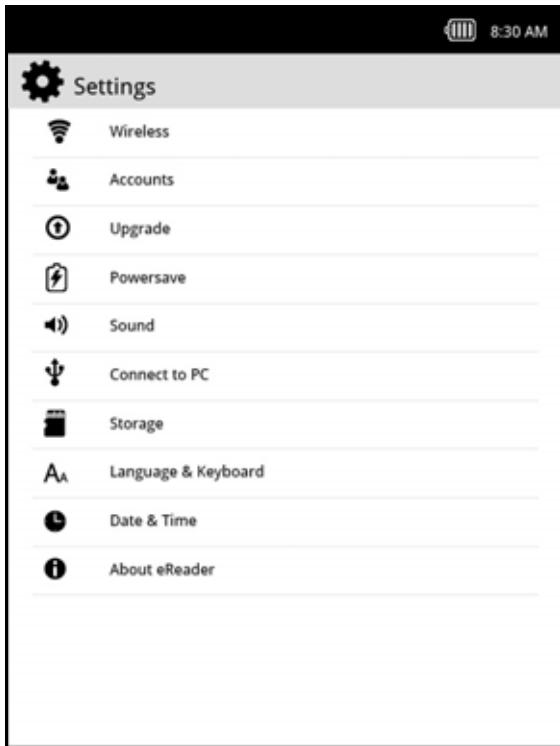
Press “Confirm” button, there will be a new channel displayed in the “Saved Channels” column.



## 5.8 Wikipedia

Press on the “Wikipedia” icon on the Home Screen will startWiki Pedia application.

## 5.9 Settings



=====End of the document.

**Federal Communication Commission Interference Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**FCC Caution:**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**Non-modification Statement:**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device has been tested and meets the FCC RF exposure guidelines. The maximum SAR value reported is 0.276 w/kg.