



IREX[®]

DIGITAL READER

User Manual
IREX Digital Reader[®] 800S

Version: DR800S-XW 1.0

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IREX® Digital Reader 800S – Reading at Its Finest

Welcome to the world of digital reading!

At IREX, we take pride in offering you the best possible reading and writing experience from a digital reader. Being the leader in electronic paper display technologies, we have taken yet another monumental step with this generation of digital readers.

We hope you will join us in our continued effort to conserve natural resources and protect the environment by reducing the amount of paper that is printed each day. The IREX team wishes you a memorable reading experience.

Getting Started

If you haven't already charged your device's battery, please follow the instructions in the Quick Start Guide that came in the box. When the device is charging, the light indicator on the front of the device will turn orange and a charging symbol will appear on the battery icon in the lower right corner of the screen. The light indicator turns green once the battery is fully charged.

Quick Tour

Read in Comfort – The IREX Digital Reader series uses only the best electrophoretic displays available. With 16 levels of gray and a 768 x 1024 resolution screen, you will have a hard

time believing you are reading from a screen and not a real book. Your eyes will thank you!

A World of Books at Your Fingertips – Thousands of titles from the most popular authors are all waiting for you on the World Wide Web. You can search for books from the comfort of your own home and transfer them to your DR800S.

Powerful Reading Tools – Did you read something you need to remember? No worries—easily bookmark the page. Adjust the size of the text, search the text, or find definitions. These are just a few of the many tools you will discover.

Transfer Your Own Documents – Copy or transfer your own documents directly to the device without any additional software or fees. Just connect to a computer and drag and drop to your heart's content.

A Library in Your Pocket – Never again will you have to decide what books to bring with you on vacation. Now you can take them all! The 2GB memory card gives you plenty of room to keep all your favorites, plus you can change cards to expand your collection. And with the International Plug Set you can charge your Reader nearly all over the world.

Registration

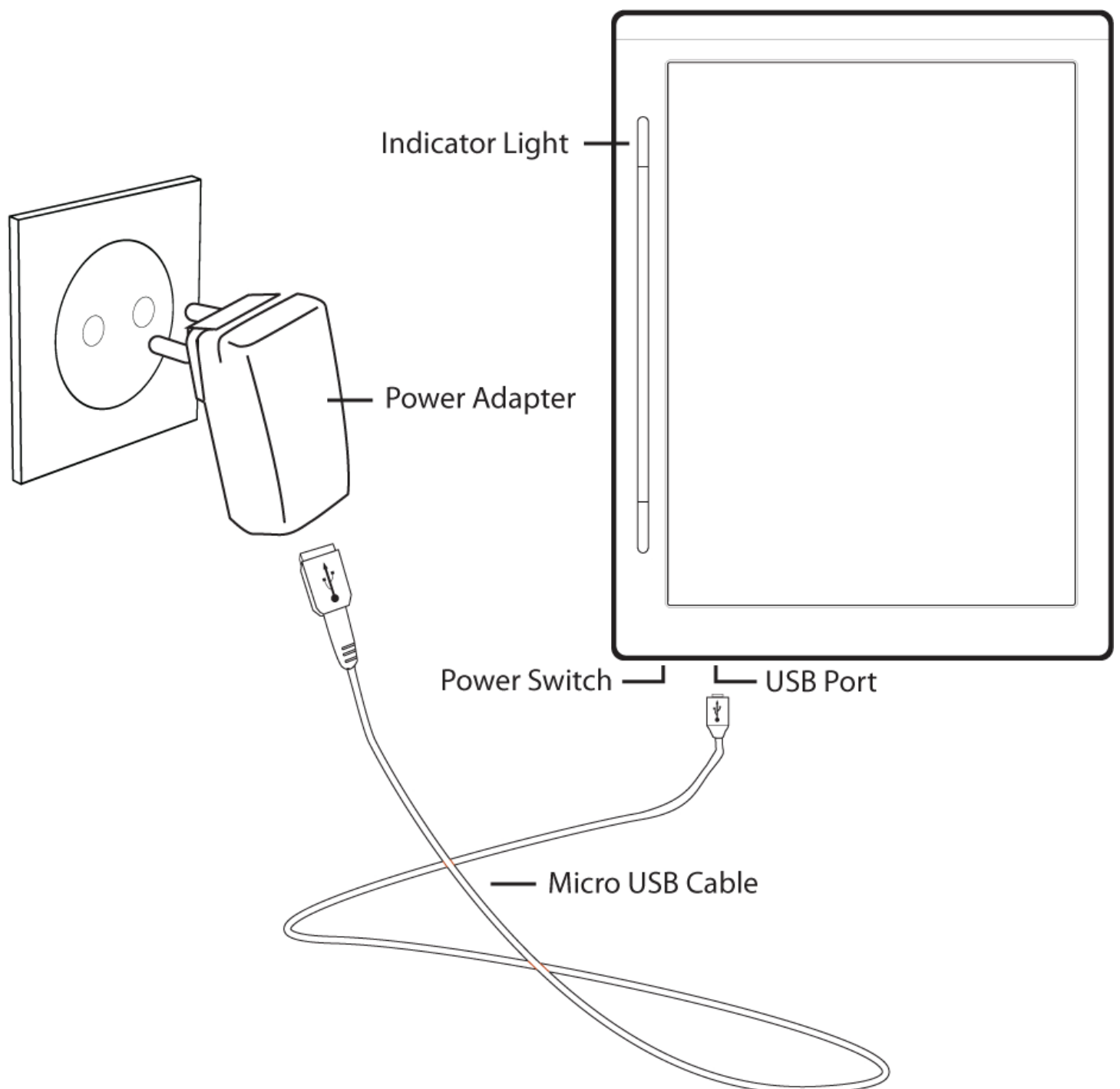
If you haven't yet registered your device, please follow the printed instructions that came with your device. This Reader also supports various protected content types. In order to

make use of this feature you must create an ID and register as described on the How to get Content leaflet that you will find in the box.

Chapter 1 – Your IREX Digital Reader 800S

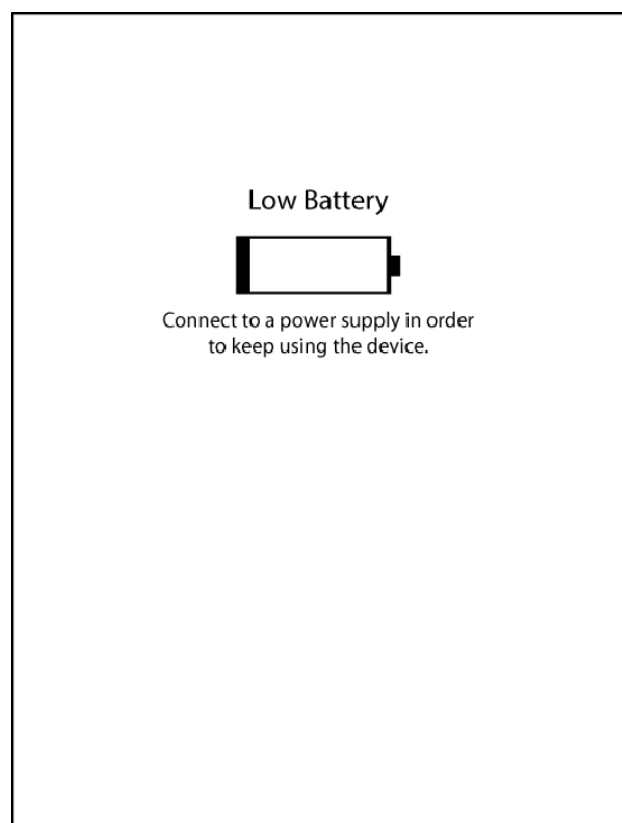
In this chapter, you will learn about the different parts of your IREX Digital Reader, as well as how to use the flipbar, Menu, and other on-screen features.

Charging

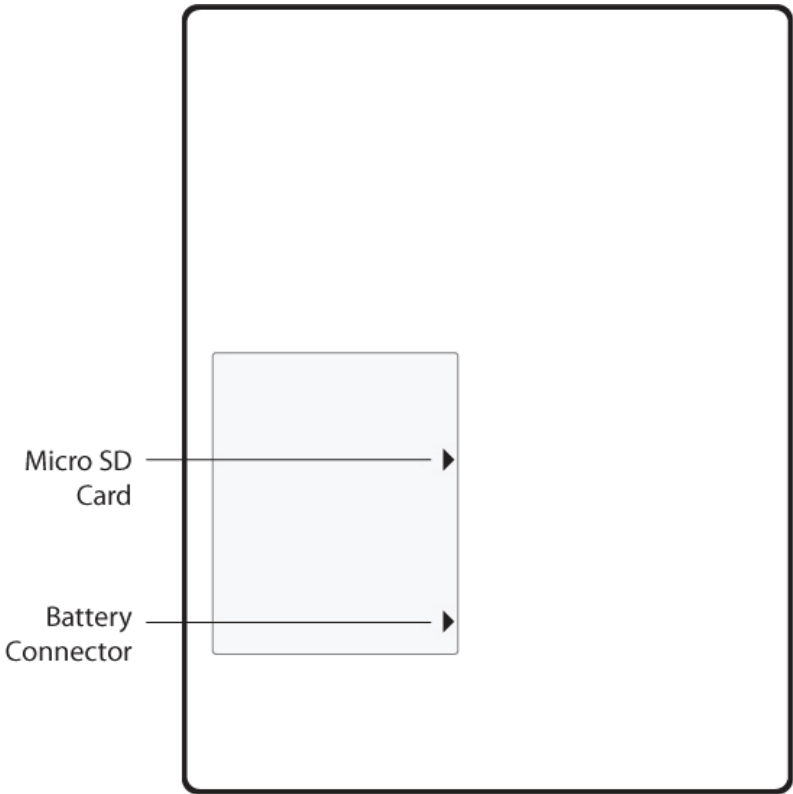
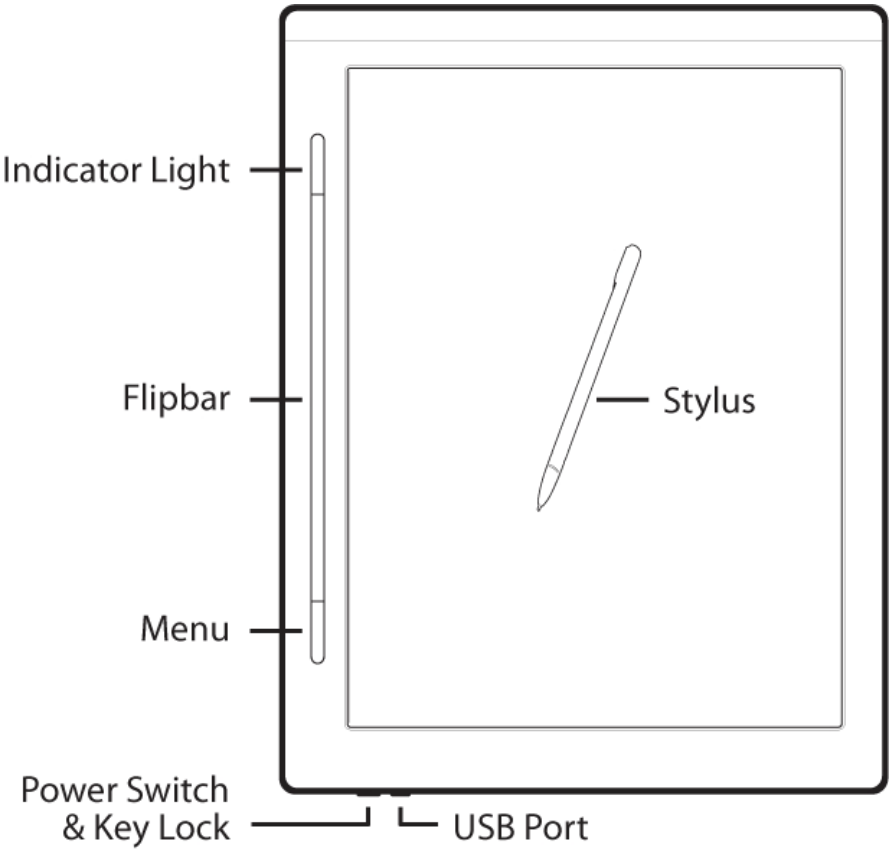


1. Charge your device by using the included USB cable and plugging it into a computer or an electrical outlet using the wall adapter which is supplied in the box. The light above the flipbar will turn orange indicating that the battery is charging.
2. Continue charging until the indicator light turns green. The device can be used while charging.

When the device has a completely empty battery, it cannot turn itself on. Charge the battery. When the indicator light turns orange, the device can be used, though not to its full capacity. A green light indicates that the battery is fully charged. If the device does not have sufficient power, the following image (or similar) will appear:



Buttons and Switches



Power Switch – Turns the device on and off. To turn your device on, slide the switch to the left and release. The Home screen will appear when the device is ready for use. To turn the device off, slide the switch to the left and hold for two seconds. The device will turn itself off.

If your device does not turn on or has frozen, reset it by sliding the power switch to the left and holding it for three seconds.

Key Lock – Locks the buttons on the device. Slide the power switch to the right to lock the device.

USB Port – Charges the device. To charge the battery, connect the device into a computer or wall adapter accessory using the included USB cable. Plug the wall adapter into an electrical outlet. The light above the flipbar will turn orange indicating that the battery is charging. Continue charging until the indicator light turns green. The device can be used while charging.

The device can be connected to a computer to transfer content. If the USB port on your computer also supplies power, the device will charge using the connection. When the device is connected to your computer, you will not be able to use it. Eject the device drive from your computer to resume use.

Flipbar – Moves the on-screen cursor up, down, and side-to-side. Opens items, pushes buttons, and confirms Menu choices. Turns pages in reading material.

Menu – Contains tools for changing views, sorting, deleting files, or others. Menu options change depending on your location within the device.

Stylus – Chooses items on the screen and allows you to click on screen-buttons.

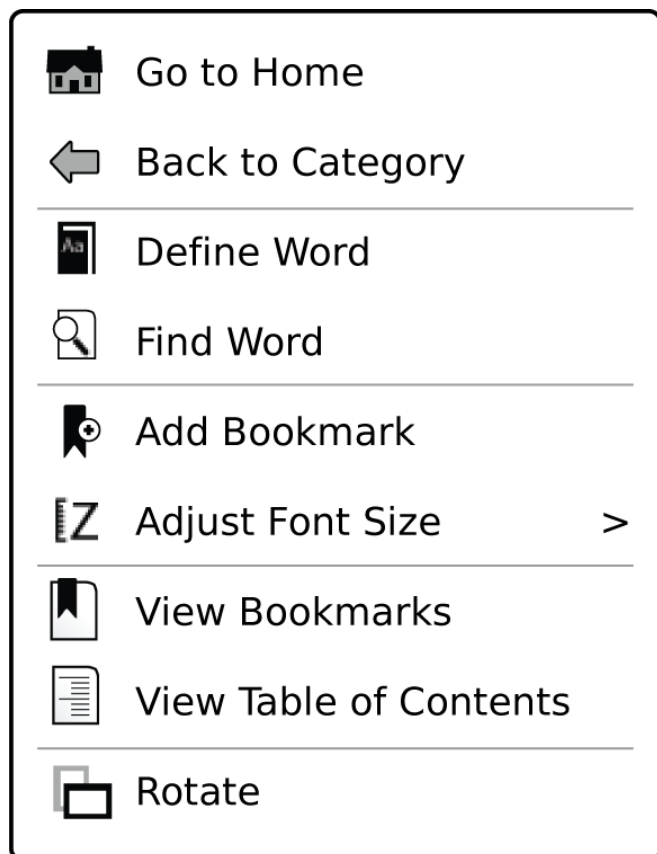
Indicator Light – Indicates what your device is currently doing. A steady red light indicates that the battery is very low, while a steady orange indicates that the battery is busy charging. A steady green light indicates that the battery is fully charged. When the device is busy opening a very large item or in the middle of a time-consuming process, the indicator light will flash green.

Micro SD Card – Stores all reading content. This card is found behind the door on the back of the device. To exchange memory cards, remove the small screw before carefully opening the door. The sticker on the inside of the device indicates the micro SD card's location. To eject the card, gently push the card and release. You can now pull it free from the device. To insert a new card, place it into the device and gently push it until it clicks into place. If you disconnected the battery cable during the process of

exchanging cards, be sure to reconnect the cable and reset the time and date on your device.

On-Screen Features

Menus



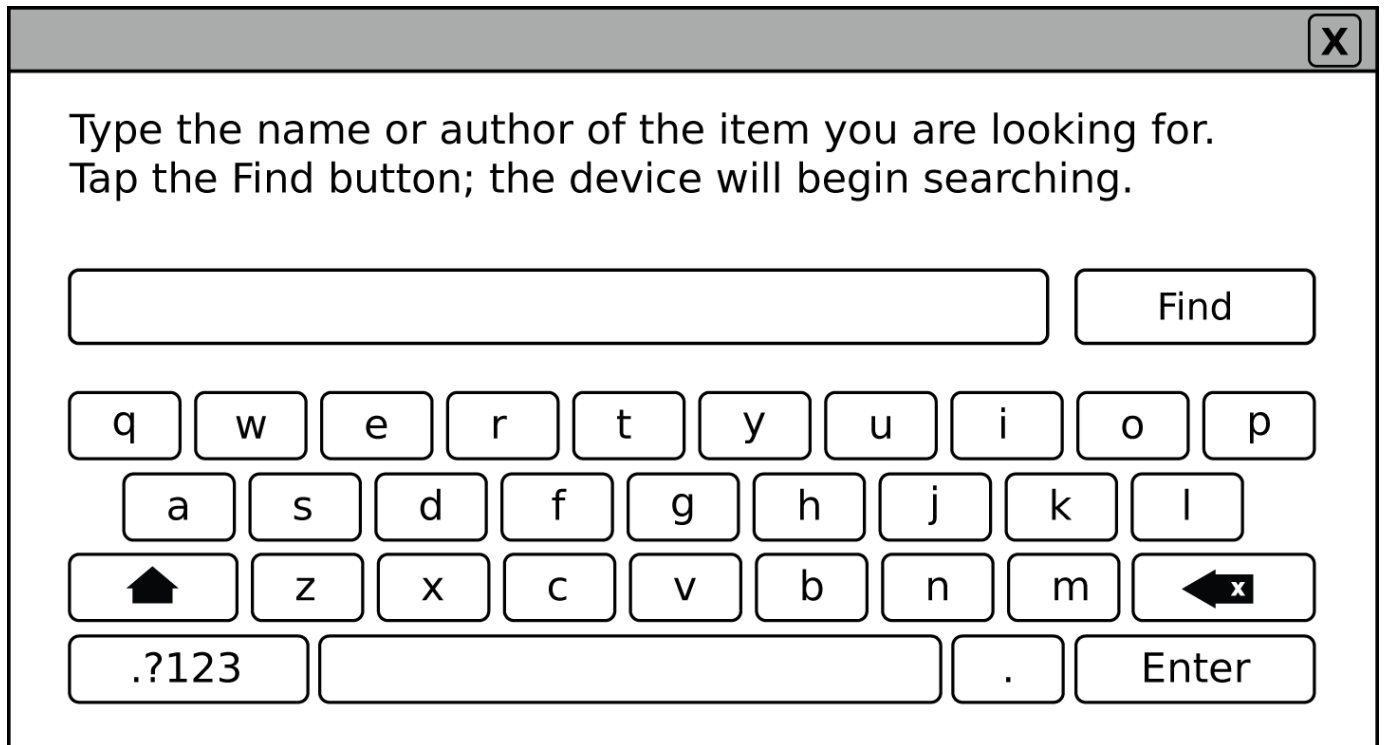
Above is an example of what you would see if you opened the Menu while reading a book. If you open the Menu from another location, you will be allowed to choose from different functions than seen here.

Open the Menu by pressing the Menu button one time. Use the flipbar to move to an action, and press the flipbar once to choose it. Press the Menu button to close the Menu.

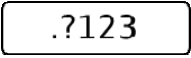
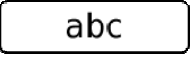
The Menu can also be used with the stylus that came with your device. To open the Menu, tap on the Menu icon or text in the lower left-hand corner of your screen. Choose an action by tapping once with the stylus. To close the Menu,

tap on the Menu icon or text in the lower left-hand corner of your screen.

Keyboard



The keyboard will appear when you tap in a search box, as indicated above. Tapping outside the keyboard in the eBook Mall or a webpage will close the keyboard.

Numbers, Special Characters, and Symbols – These are found by tapping on  on the keyboard. To switch back to regular characters, tap on .

Status Indicators

Status indicators are found in the lower right corner of your screen and give you an overview of the status of your device.

Battery Indicator



Tells you how much battery power is available. When it is connected to a power source, the battery indicator will display a charging symbol so you know it is receiving power.

Screen Rotation

You can switch from portrait to landscape mode anytime by choosing Rotate from the Menu.

Chapter 2 – Viewing and Managing Content

This chapter details the ins and outs of finding and managing the reading materials on your device.

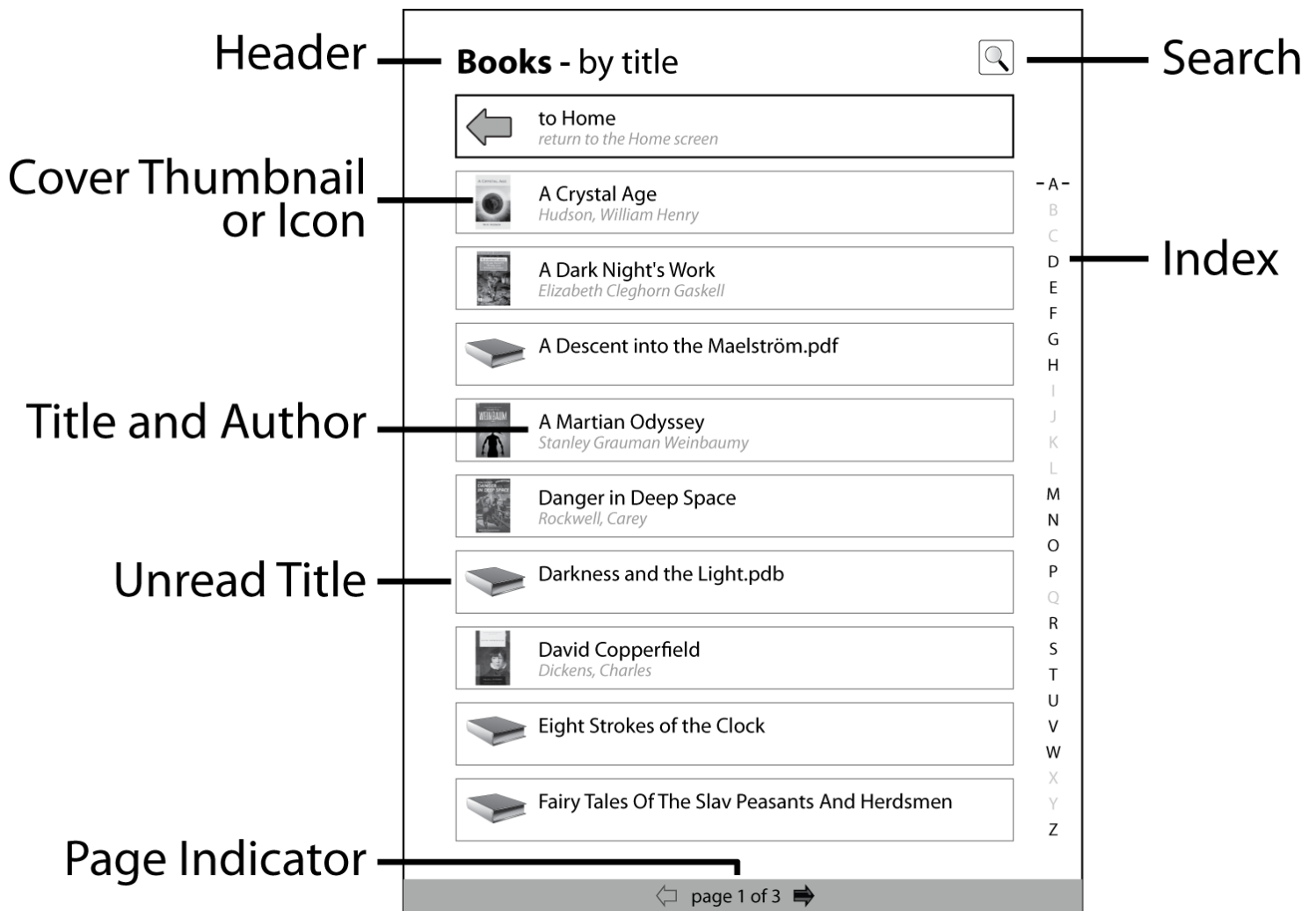
The Home Screen

The Home screen provides entry points to all the different categories and sections on your device. The first icons (Books, News, and Images) are categories that show a list of all books, periodicals, and images you own. The Personal Documents icon opens the Personal Documents folder on the SD card. The Help icon opens the Help folder on the SD card. You will also find Search, and Settings. Each of these sections is described in detail in this manual. From the Home screen, you can also choose Continue Reading, which allows you to continue reading an open item.

Viewing Your Content

The Home screen has category icons allowing you to see the different types of content saved on your device. When you select a category, you will see all of your relevant items appear on the screen, similar to the illustration below.

Screen Features



Header

The header lists the category you are currently browsing (such as Books or News). Following this description is supplemental information. In the example above, Books (category) are ordered by title (supplemental information).

Cover Thumbnail or Icon

Each item you have saved on your device will be represented by an icon. If you have never opened the item before, a default icon will be used. Items that have already been

opened will be represented by an image of the cover or first page.

Title and Author

The item's name or title is listed first, with the author listed underneath the title.

Unread Title

An item that has never been opened has a default icon.

Search

Tap on this icon to search for an item on the device.

Index

When your content has been sorted by title or by author, an index bar will appear on the far right side of the screen. Tap on a letter with the stylus to see a list of all books that begin with that letter. Letters that are not represented by your list of items will be in gray.

Page Indicator

This indicator displays how many pages are in each category. Each page contains nine items. Move to the next or previous page by tapping on the arrows with your stylus or by flipping and holding the flipbar for half of a second.

Managing Your Content

When selected from the Home screen, your Books, News, Images, Personal Documents, and Help items will appear on

the screen. You can sort your items, change the appearance of the items, and delete items you no longer wish to keep.

Sorting Your Content

By default, the device will sort your items by name. You can easily change this by following the instructions below.

How to Sort

1. **Open the Menu** by using the Menu button or by tapping on the Menu icon.
2. **Choose the way you want to sort the items:** Sort by Title, Sort by Author, Sort by Date Added, or Sort by Recently Read. The Menu will close and the screen will refresh.

Changing the View

Your device can show your items in two different views: as lists or as cover thumbnails. Items displayed as a list will show the name and author for each item. Switching to cover thumbnails will display a large thumbnail of the item cover (or first page) with the name under the icon.

How to Change View

1. **Open the Menu** by using the Menu button or by tapping on the Menu icon.
2. **Choose View as List or View as Covers.** The Menu will close and the screen will refresh.

Deleting Content from Your Device

To permanently remove items from your device:

1. **Open the Menu** by using the Menu button or by tapping on the Menu icon.
2. **Choose Delete.** The Menu will close. Items that can be deleted are indicated with a delete icon.
3. Tap the delete icon or press the flipbar on each item you want to delete. Restore the item by tapping or pressing the flipbar a second time.
4. Choose **Done Deleting**, located at the top of the page.
5. **Confirm** that you want to delete the item(s).

Chapter 3 – Reading

In this chapter, you will find information about the features you will discover while reading your favorite book, magazine, or newspaper.

Content Categories

You can organize and group your reading material into five different categories: Books, News, Images, Help, and Personal Documents. You can buy books, newspapers, magazines, images, and much more in the eBook Mall (more information about this in the leaflet: How to get Content, or you can transfer your own personal documents from your computer as described in Chapter 7. In the Help category, you will find the user manual and terms of use.

Reflowing Content

Changing the Font Size

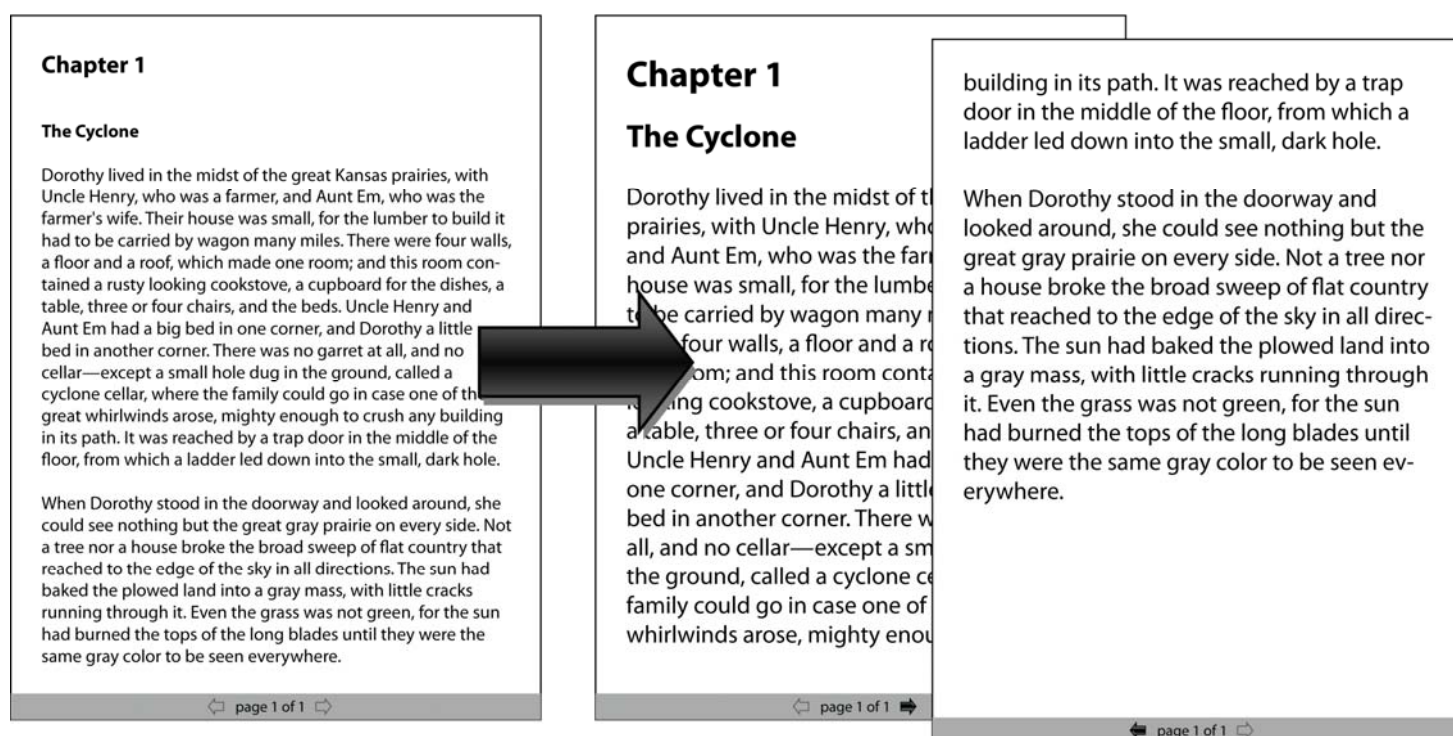
Adjusting the font size is possible for most of your reading materials. Your device will remember the font size for each book.

How to Change the Font Size

1. **Open the Menu and choose Adjust Font Size.**
2. **Choose Original Layout, Small, Medium, Large, or Extra Large** from the secondary Menu. The Menu will close and the font will adjust in size.

Page Numbering

Increasing the size of the font on a page means that the total length of the text increases. The device adds more pages to hold overflow text. The page numbering remains the same, regardless of the size of the font. A one-page item whose default font has been increased such that it results in overflow text will not show pages 1 and 2. Instead, the item will show a first page 1 displaying the first portion of the text and a second page 1 displaying the overflow text.



Navigating Pages and Views

Flipping Pages

Flip pages in two different ways:

1. **Use the flipbar.** To move forward one page, use your thumb to nudge the flipbar to the right one time. To move back a page, nudge the flipbar one time to the left.

Skip 5 pages forward or backward by flipping and holding the flipbar for half of a second.

—Or—

1. **Use the on-screen arrows.** Tap the arrows in the page indicator at the bottom of the screen. Tap the left arrow to go to the previous page, and tap the right arrow to go to the next page.

Views

For an easy overview of your bookmarks or the content inside your book, use the Menu to switch to different views.

A Table of Contents is available for any book or reading material whereby the publisher included the information. Images will not display a Table of Contents.

Bookmarks are collected and organized automatically. The size of this list can vary depending on how actively you work with your items. Images cannot be bookmarked.

Using the Table of Contents to Navigate

1. **Open the Menu and choose View Table of Contents.** The Table of Contents will open to display all the main and sub-headings.
2. **Choose the chapter** you would like to view. The Table of Contents will close and the selected chapter will appear.

Using Bookmarks to Navigate

1. **Open the Menu and choose View Bookmarks.** The view will open to display a list of all the bookmarks you have created.
2. **Choose the bookmarked page** you would like to see. The view will close and the bookmarked page will appear.

Hyperlinks

Hyperlinks can be used to navigate to another location in the text. Use the stylus to tap on the hyperlink. The page will turn to the location of the link. While you can move from place to place inside the same text using hyperlinks, hyperlinks cannot be used to open new items.

Annotations

Bookmarking

Bookmarks can be added or removed from any page in your reading material. When a bookmark is added, it is also added to the Bookmarks view.

When the size of the text has been resized, bookmarks become slightly difficult to track. As mentioned in Chapter 3, adjusting text might result in extra pages being added, though page numbers remain the same. If you place a bookmark on page 1, it will appear on page 1 overflows as well.

Creating a Bookmark

1. **Tap the upper right corner** of the page with the stylus.

—Or—

1. **Open the Menu and choose Add Bookmark.**

Deleting a Bookmark

1. **Tap the bookmark** in the upper right corner of the page.

—Or—

1. **Open the Menu and choose Delete Bookmark.**

Viewing Your Annotations

If this is your first time working with the Bookmarks view, you may find it helpful to read the [Navigating Pages and Views](#) section of this chapter to learn more about this view.

Viewing Your Bookmarks

1. **Open the Menu and choose View Bookmarks.** The view will open, showing a list of all your bookmarks.

2. **Choose the bookmarked page** you would like to see. The view will close, and the bookmarked page or note will appear.

Chapter 4 – Searching

This chapter will explain the different ways you can search for something to read, as well as how you can search within the text of a book, newspaper, or document.


Searching for Reading Material on the Device

You can search the SD card for items you have downloaded or saved.

How to Search

1. **Choose Search** from the Home screen.
2. **Type the name or author** of the item you are looking for using the on-screen keyboard and stylus.
3. **Tap the Find button**; the device will begin searching. Matching results will be displayed.

—Or—

1. **Tap on** , found in the upper right corner of the screen (except on the Home and Settings screen).
2. **Type the name or author** of the item you are looking for using the on-screen keyboard and stylus.
3. **Tap the Find button**; the device will begin searching. Matching results will be displayed.

Search Results for Reading Material

Once the search is complete, the results are displayed in a new screen. The closest matches to your search will appear at the top.

This view is unique compared to the ones you see when managing or browsing your content. This view is a collection of virtual links to the items you own. You can open the items, but you are not able to delete them.

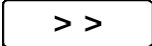
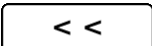

Searching for a Word in a Text

When reading a text, you can search for words throughout the entire text. To search for a word:

1. **Open the Menu** and **choose Find Word**.
2. The on-screen keyboard will appear; **type the word(s)** you want to find.
3. **Tap Find**. The matching word in the text will be highlighted and a pop-up will appear.

Search Results in a Text

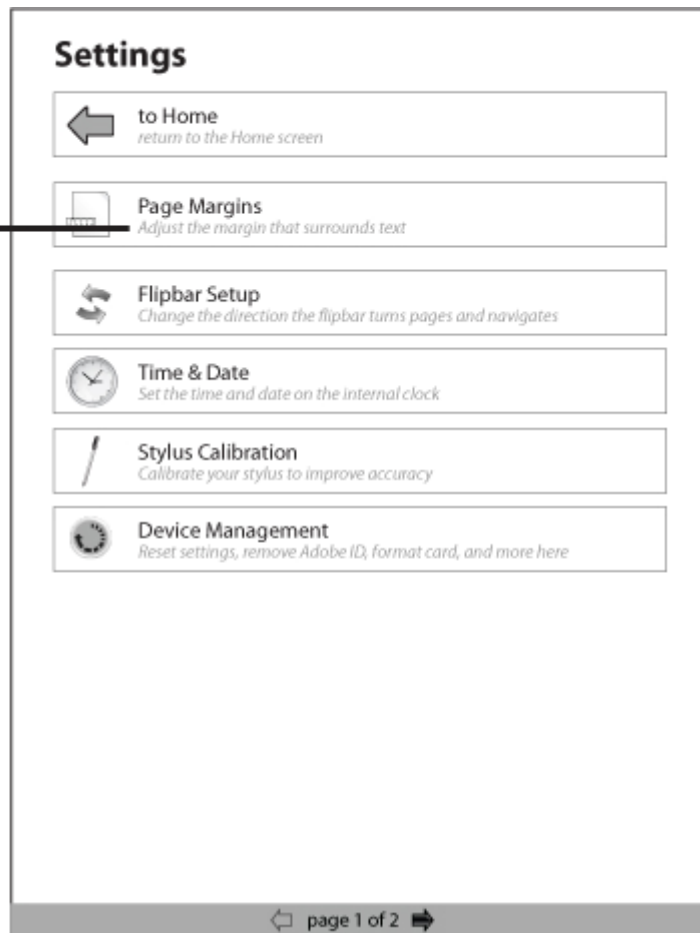
Once the device has started searching, you can move through the text finding more matches.

1. To find the next matching word in the text, **tap on** . To find the previous matching word, tap on .
2. **When you are finished, tap on**  in the upper right corner of the pop-up. The pop-up will close. You will remain on the page where the last word was found.

Chapter 5 – Settings

You can edit and adjust several settings on your device. This chapter will review the different options for each setting offered.

Setting Description



Most setting pages are designed for use with the flipbar as well as a stylus.

- With the stylus, tap on the choice you wish to activate.
- To activate a setting with the flipbar, move the selection box around the setting and press to select it.

Some settings are a little more complicated and will require more interaction to make changes. When necessary, extra instructions have been provided.

Page Margins

The page margin dictates the amount of white space that surrounds the text in a book (or other reading material). Adjust the white space with the page margins setting. Choose No Margins, Small Margins, Medium Margins, or Large Margins. The default setting is Medium.

Flipbar Setup

This setting will change the direction you nudge (flip) the flipbar to turn a page in a book or other reading material. Some people prefer to turn from right to left; others prefer to turn pages left to right. The flipbar allows for either preference. The default flipbar direction is left to right.

Time & Date

Setting the time and date ensures that reading material is transferred to the device with the correct time and date.

Time

Stylus: Tap on the up or down arrow to scroll through the numbers. Return to Settings to save the changes.

5	27	PM
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Set the Time or Date with Stylus

1. **Tap on the up or down arrow** to scroll through the numbers.
2. **Return to Settings** to save the changes.

Set the Time or Date with Flipbar

1. **Press the flipbar to move** to the value you wish to change.
2. **Scroll** through the numbers using the flipbar and select the value.
3. **Press the flipbar** to move to the next value.
4. **Return to Settings** to save the changes.

Stylus Calibration

Calibrate your stylus to improve how accurately it touches items on the screen, a particularly useful tool if you are left-handed.

To calibrate the stylus, tap on the Begin Calibration button and follow the instructions on the screen.

Device Management

This settings section contains three separate functions.

Resetting Your Settings

When you reset settings, you will restore the settings back to their factory defaults. To reset the settings, tap on the Reset Settings button.

Formatting the SD Card

Formatting the SD card means that **all** content stored on the card is permanently erased. You will always be asked to confirm formatting before the card is cleared.

SD Card Status

This section will describe information related to the SD card inserted in your device. You can see the available space for new items and the amount of space that is already used on the card.

Device Information

The device information screen displays all of the detailed information about your device and the internal system. Examples of information you will find here include the serial number, and the software version number.

A customer service representative might ask for details found in your device information. The serial number is also located on the barcode sticker located on the back of the product box and under the battery.

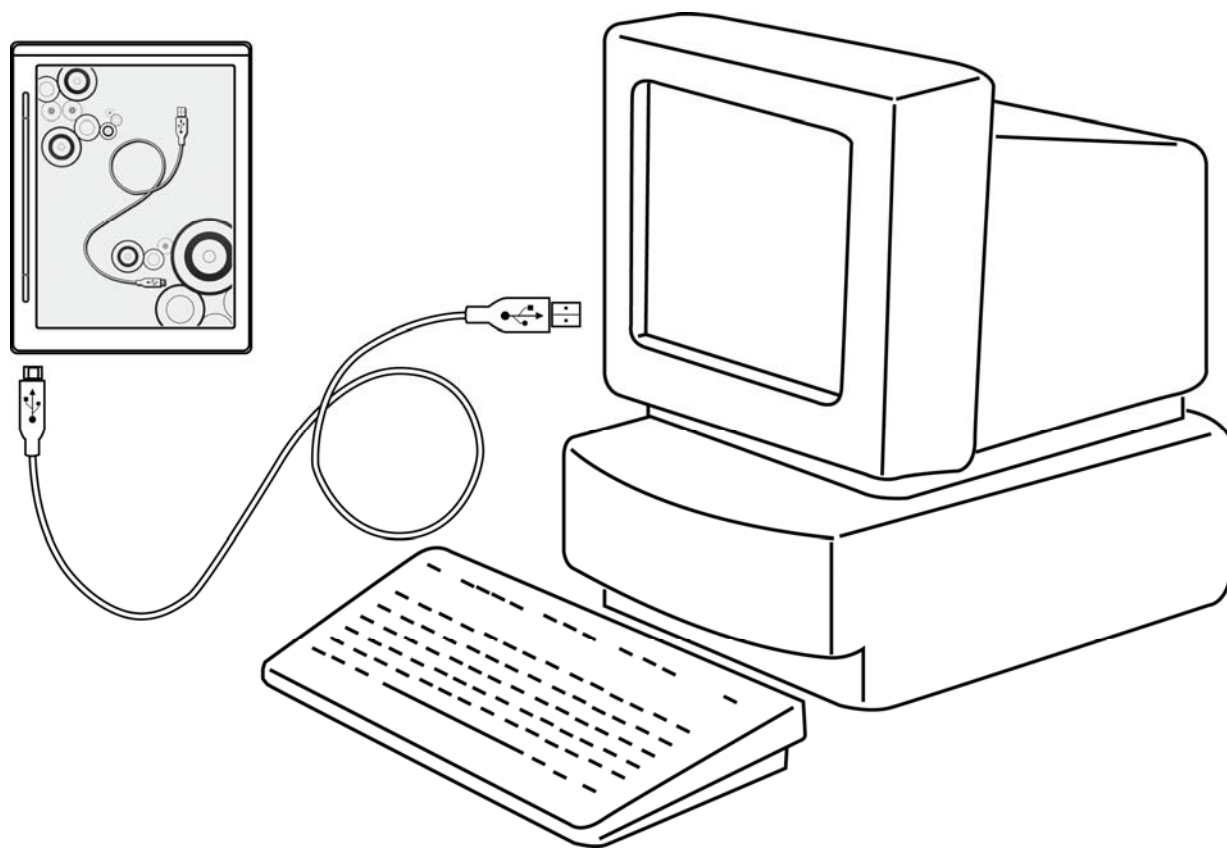
Chapter 6 – Connecting to a Computer

The device requires no additional software or programs to transfer your personal documents. You will need only a computer with a USB port and the USB cable included in the box. The following operating systems recognize the device:

- Windows XP or higher
- Mac OS X
- Linux (most versions)

Connecting

Connecting to a computer allows you to transfer material from computer to the device. The device cannot be used for reading or downloading items when connected to a computer.



To Connect to a Computer

1. **Plug the small end of the USB cable into the USB port located on the bottom of the device.**
2. **Plug the larger end of the cable into the USB port on your computer.** The device will connect and be recognized as a Mass Storage Device by the computer.

Transferring Items to the Device

Once you have successfully connected to a computer, you are ready to begin transferring content.

1. **Locate the device** where you normally find other USB devices on your computer.
2. **Open the device drive** and you will find several folders: Books, News, Images, Personal Documents, and Help. Transfer your items into the respective folder.
3. **Eject the device drive** from your computer.

Supported Formats

The following formats can be opened on your device: PDF, ePub, PDB, NP, JPG, GIF, PNG, TIFF, and BMP.

IREX is continuously improving the software which may result in additional supported formats; please visit our website regularly for information regarding software updates.

Tip: Many free PDF printers and converters are available on the Internet. With a PDF printer or converter installed on

your computer, you can easily print all of your documents in PDF format directly to your device.

Managing Content

You can organize and manage your content using your computer. **If an item is deleted, moved, or renamed, all the information about that item will be lost.** Bookmarks will be deleted, and the device will not remember the last read page or font size.

Making a Backup

Making a backup of your content is easy and recommended in the event your device is lost or sent in for repair.

If you return your device for repair and leave the SD card inside the device, you will lose all the information on the card.

To Make a Backup

- 1. Connect your device to a computer.**
- 2. Locate the device** where you normally find other USB devices on your computer.
- 3. Open the drive** for the device and copy or move all the contents from the drive to a location on your computer.
- 4. Eject the device drive** from your computer.

Chapter 7 – Switching Devices

If you have purchased a new device or received a replacement device, follow the instructions in the following two sections to transfer your purchased content to the new device.

Recovering Reading Materials

Always make a backup of your content before sending your device in for repair or formatting the SD card. To make a backup, follow the instructions in [Chapter 6](#).

To Recover Your Content

1. **Connect your device to a computer.**
2. **Locate the device** where you normally find other USB devices on your computer.
3. **Open the drive** for the device, and copy or move all the contents from your backup location back to the device.
4. **Eject the device drive** from your computer.

Chapter 8 – Additional Information

Please read this information carefully as it contains instructions for the maintenance and the safe use of the IREX Digital Reader 800S.

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Open Source

This product includes third-party open source software, which is subject to different and/or additional licenses, disclaimers and notices. For details on this software and its licenses, refer to the “Open Source Software Notice” document located in the Help section on this device.

Terms of Use and Warranty Information

While every effort has been made to ensure that the information contained in this manual is accurate and complete, no liability can be accepted for any errors or omissions. IREX Technologies reserves the right to change the specifications of the hardware and software described herein at any time and without prior notice.

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Warranty and Safety Information

The IREX Digital Reader should only be connected and used in the way described in this manual.

Product Warranty

Damage and defects that are not the direct result of shipping or manufacturing will not be covered by warranty. Please be aware that the display screen of this device is made from glass and can be scratched or broken if mistreated. Any

damage caused by fire, accident, misuse, or unauthorized alterations to the device is not covered by warranty.

Battery Safety

The Digital Reader uses a rechargeable Lithium Ion battery to power the device. The battery is charged by connecting the Digital Reader to a power source using the included USB cable.

- Do not expose the battery to fire, or direct sunlight
- Do not attempt to open or alter the battery
- Do not dispose of the battery with household waste
- Keep the battery out of reach of children

Exposure to Moisture

Do not expose this device to water, extreme humidity, or liquids of any kind. Damage caused by moisture is not covered by warranty. If the device does get wet, turn the device off, wait for it to dry, and turn it on again. If

the device does not work properly after drying, you can contact customer support to arrange for it to be repaired. It is also advised to avoid exposure to dust and sand as much as possible.

Extreme Temperatures

Avoid using the device in temperatures below 5°C/35°F or above 41°C/95°F. The device can be stored in temperatures ranging from -10°C/14°F to 45°C/113°F.

Exposure to Direct Sunlight

Do not leave the display exposed to direct sunlight for extended periods of time. Use a protective cover (available for purchase) to shield the device from the sun.

Cleaning

Only use a soft, damp, lint free cloth to clean your device. Cleaning solutions and aerosol sprays can damage the device and should not be used. Make sure the device is unplugged while cleaning and avoid getting moisture in the openings.

Professional Maintenance

Never open the device or attempt to repair it. Opening the device will void any warranty and release the manufacturer from all responsibilities. If you feel your device is defective, please contact customer support to arrange for it to be repaired.

Proper Disposal of the Device

Please join IREX in conserving natural resources and protecting the environment by recycling your device when it has reached the end of its life cycle. You can contact your

local authorities for information about laws and regulations regarding the proper disposal of this device.

Make Back-Ups

It is always a good idea to make a back-up of your information on a regular basis. This Digital Reader is a portable device like any other, and it is possible that it may be lost or the information on the memory card is accidentally erased.