

SONY®



Reader
Touch Edition™

Click for instant access!

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User Guide

PRS-650

Digital Book Reader

CONGRATULATIONS

Your Reader Touch Edition™ comes with these useful features:

- **Clear touch** – a high quality touch screen that allows you to navigate effortlessly by swiping to turn pages, tap to bookmark, take notes and highlight.
- **Font Zoom** – increase or decrease the text size to your preference, or zoom into images to take a closer look.
- **Dictionary** – simply double-tap a word to see its meaning and to translate it.

Read on. There's so much more.

- Personalize the standby screen with your favorite picture.

- Use the “Collections” feature to organize your library on your Reader™ to find the book you want to read.
 - Never lose track of time with the clock* view (whenever the OPTIONS button is pressed).
- * Set the time using the [Date and Time] setting (☰ [90](#)).

For more details, please refer to this User Guide.

Useful Features

Annotation

- **Bookmarking** ([▶ 39](#))
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- **Handwriting a note** ([▶ 41](#))
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- Handwriting (▶ [77](#))
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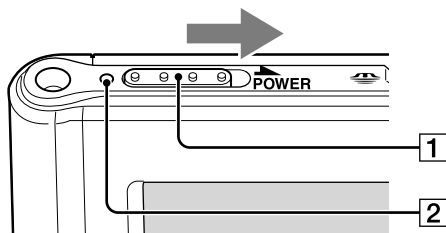
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Parts and Controls



1 Power Switch

To	Action
Power on or wake up from sleep mode* ¹	Slide to the right and release quickly.
Enter sleep mode	Slide and release quickly. The standby screen* ² appears.
Power off completely	When not in sleep mode slide and hold for more than 3 seconds. Follow the instructions on the screen.

*¹ Battery consumption is minimized in sleep mode.

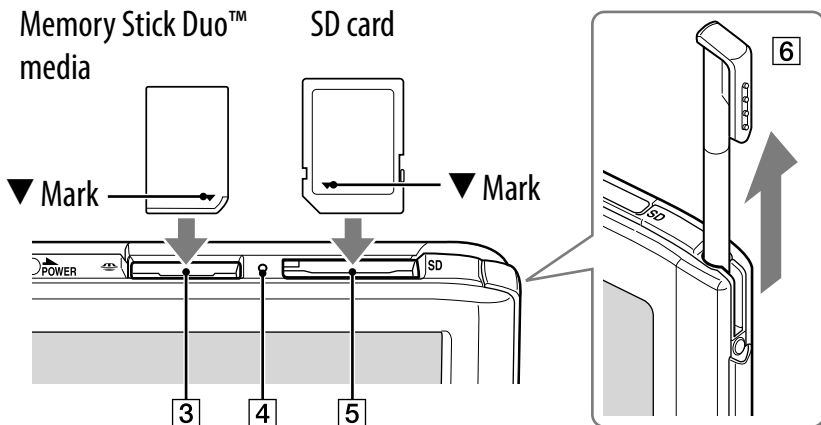
*² For details about [Standby Screen], see [☞ 94](#).

2 Charge/Busy indicator

Red: Charging in progress

Orange: When booting/shutting down/internal memory access

Off: Off/Sleep mode/Reader in operation



3 Memory Stick PRO Duo™ slot

4 Memory card access indicator

Lights up in orange during memory card access.

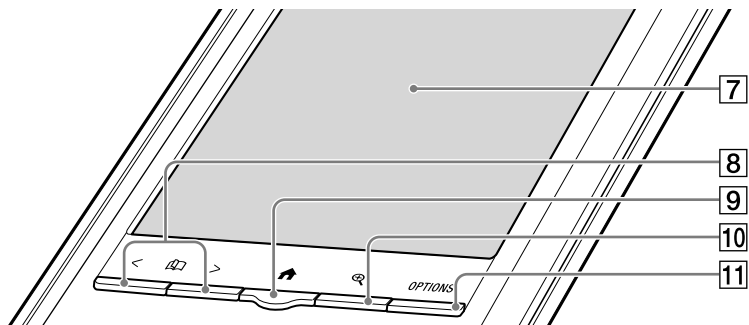
5 SD card slot

Note

- Please see [114](#) regarding memory card usage.

6 Stylus

For more precise operations, use the supplied stylus. Insert fully into the holder when not in use.



7 Touch screen (➤ 23)

Lightly tap the screen either with a finger, or the supplied stylus to navigate.

8 < 📖 > (Page Turn) buttons

Press < (previous) or > (next) to turn the page.
Press and hold < or > to turn pages continuously.

9 ⬆ (Home) button (➤ 29)

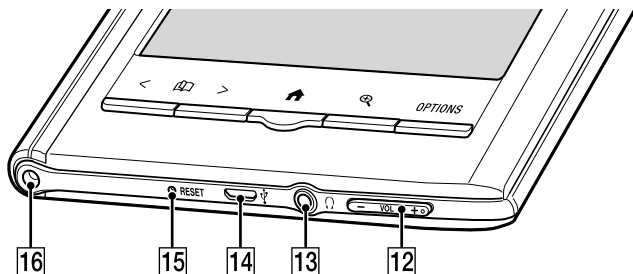
Shows the [Home] menu.

10 ⊕ (Size) button (➤ 47)

Shows a utility to change text size, zoom a page and select a page mode.

11 OPTIONS button (➤ 31)

Shows the menu for relevant optional functions.



12 – VOL +*¹ Volume button (▶ [87](#))

Adjusts the volume when playing an audio file.

*¹ A tactile dot on the + button helps with ease of operation.

13 🎧 Headphones jack

14 📶 Micro USB connector (▶ [12](#))

Used for transferring data and charging the Reader.

15 RESET hole (▶ [96](#))

16 Holes for optional cover attachment

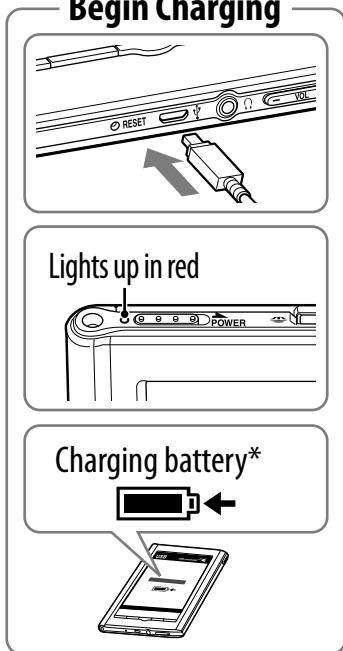
With the same hole in the left top corner of the Reader, an optional accessory cover can be attached.

Charging the Reader

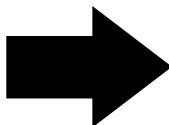
Charge your Reader by connecting it to your computer with the USB cable (supplied).

The time to completely charge a depleted battery is about 3 hours with a USB connection, or about 2 hours by the optional AC adapter (PRSA-AC1).

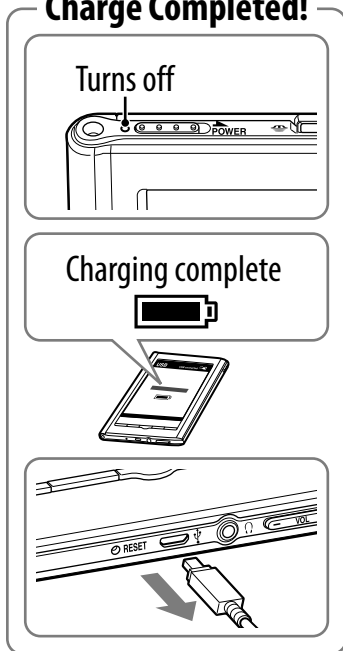
Begin Charging



Charging time
up to 3 hours



Charge Completed!






* The screen will appear after about 5 minutes if charging starts with a completely depleted battery.



Note

- The Reader only charges when the connected computer is powered on.
- The Reader cannot be operated when connected to a computer via USB.

Status indicators during charging

Icon and message	Status
[Charging battery] 	Charging in progress. The battery icon does not indicate remaining battery power during charging.
[Charging complete] 	Fully charged
[Charging stopped] 	The Reader is not charging its battery. Follow the on-screen instructions.

Tip




- While charging with the optional AC adapter (PRSA-AC1),  appears in the status bar ([▶ 30](#)).  appears when fully charged.

To check battery status in the status bar ([▶ 30](#)) during use

Charging battery recommended

Power Saving Tips

Charging Battery









-  To fully charge your Reader, continue charging until indicator shows completion of charge (▶ [12](#)).
-  Charging a completely depleted battery will take 3 hours when connected to the USB port of a powered on computer, 2 hours when connected to the optional AC adapter (PRSA-AC1).
-  Operating your Reader while charging with the optional AC adapter may extend time to fully charge depending on how the Reader is being operated.

Recommended Temperature

Please use your Reader within the recommended operating temperature range (▶ [19](#)).

More power requiring operations

The following cases may consume more power.

-  Graphics intensive content
-  Playing audio files
-  Photo slideshow with a short duration
-  Using external memory cards
-  Frequent insertion and ejection of memory cards
-  An excessive number of contents in a memory card
-  ePub and PDF files partially conforming to document standard
-  Annotation, keyword search and dictionary search functions

Tips to save Power

- 💡 If you do not use the Reader for more than one day, power off the Reader completely (▶ [8, 89](#)).
- 💡 Do not leave the Reader uncharged for a prolonged period of time. This may reduce the charging capability.
- 💡 We recommend the optional AC adapter (PRSA-AC1). The performance of any third party charger is not guaranteed.
- 💡 Please keep the Reader at normal temperature operation (▶ [19](#)).

How to Get eBooks

To purchase and transfer eBooks to your Reader, please carry out the following initial steps.

- 1 Install Reader™ Library software.
- 2 Create an account at your Reader Store or your eBook store.
- 3 Purchase and download eBooks.
- 4 Authorize your computer and Reader.
- 5 Select and transfer purchased eBooks to your Reader.

After the initial steps, you only need steps 3 and 5 to enjoy more eBooks. Reader comes with step-by-step instructions describing the above initial steps. Here is how to access the instructions.

PC: From the “Start” menu, click “My Computer” (“Computer” in the case of Windows Vista, Windows 7) and then double-click the “READER” drive. Drag the “How to get eBooks on Reader” file and drop it on the desktop.

Mac: Double-click “READER” on the desktop, and drag the “How to get eBooks on Reader” file and drop it on the desktop.

Double-click the file to open it and follow the step-by-step instructions.

Support

First, check “Troubleshooting” (☒ [96](#)) and refer to the Reader Library Help to resolve the issue.

Support Web site and contact list:

USA:

www.sony.com/readersupport

Phone number: 1-866-962-7669

Canada:

www.sony.ca/readersupport

Phone number: 1-877-899-7669

Europe:

support.sony-europe.com/eBook/PRS

Australia:

www.sony.com.au/support

Phone number: 1300-137-669

Warranty Information for Australia customers:

www.sony.com.au/warranty

Specifications

Model name

PRS-650

Power source

Built-in rechargeable battery: 3.7 V DC, 940 mA

USB communication: Hi-Speed USB (USB 2.0 compliant)

Battery life (continuous playback)

Maximum Battery: Approx. 10,000 continuous page turns when reading only ^{*1}

^{*1} Measured using a text based content in ePub format and a fully charged battery, consecutive page-turns at approximately one second per page under the recommended operating temperature. Actual battery life may vary based on usage patterns and individual device.

User available capacity

Approx. 1.4 GB after initial setting

Depending on size of pre-loaded excerpts, available memory capacity may vary.

Operating/charging temperature

41°F to 95°F (5°C to 35°C)

Dimensions (w/h/d)

Approx. 118.8 × 168 × 9.6 mm (4 3/4 × 6 5/8 × 13/32 inches)

Mass

Approx. 215 g (7.58 oz.)

Display:

152.4 mm (6") diagonal electrophoretic display

600 × 800 pixel, 0.151 × 0.153 pixel/mm

16-level gray scale

Expansion slots

Memory Stick PRO Duo™ slot, SD card slot

Please see [☞ 114](#) regarding memory card usage.

Optional Accessories:

AC Adapter for Reader (PRSA-AC1)

Design and specifications are subject to change without notice.


Chapter 2

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About the User Guide

When using your Reader to view this User Guide, please note the following instructions.

To use the page links

Tap the page link to jump to the page directly (e.g.,  [4](#)). To return to the previous page, press **OPTIONS** ➔ tap **[Go to]** ➔ **[Previous View]**.

To enlarge a page

See “Zooming in” ( [49](#)).

Screen shots in this manual may be different from the actual display in the Reader.

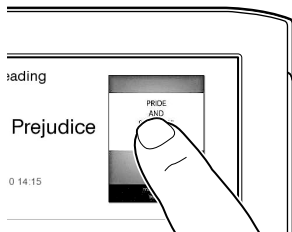
To use the link icons

Tap one of icons located at the bottom of the page to view either “Table of Contents” or “Index”.

Touch Screen

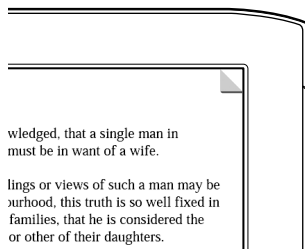
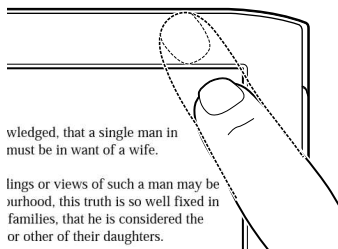
You can perform various touch operations with a finger or the supplied stylus. (☞ [9](#))

Single-tapping: for selecting an item



Double-tapping: for bookmarks (☞ [39](#)), instant dictionary search (☞ [60](#)), word search (☞ [55](#)), highlighting (☞ [40](#)), etc.


Example: creating a bookmark (☞ [39](#))

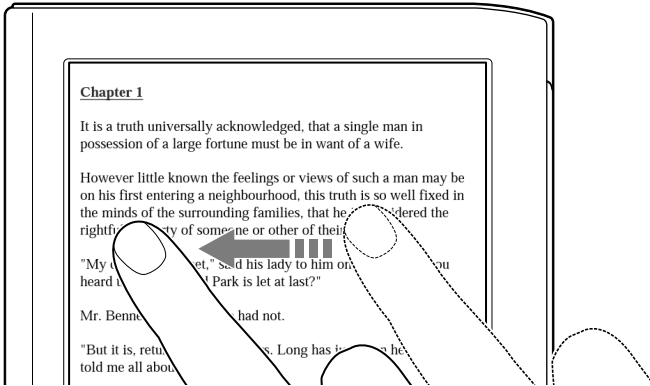


Tip

- To delete a bookmark, double-tap it.

Swiping

In the page view, swiping the screen turns a page. To change page turn preference, see  [90](#).

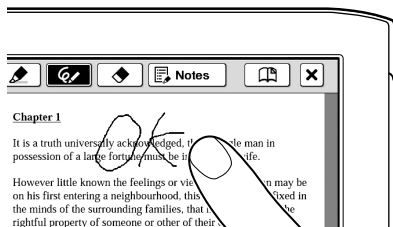


Swiping and holding

Swipe and hold the page to turn pages repeatedly.

Dragging

In zoom-in mode (☑ [49](#)), tap and drag to reposition the displayed page. In the [Handwriting] (☑ [77](#)) application or [Create/Edit] function (☑ [41](#)), handwriting on the screen can be performed with the supplied stylus (☑ [9](#)) or a finger.

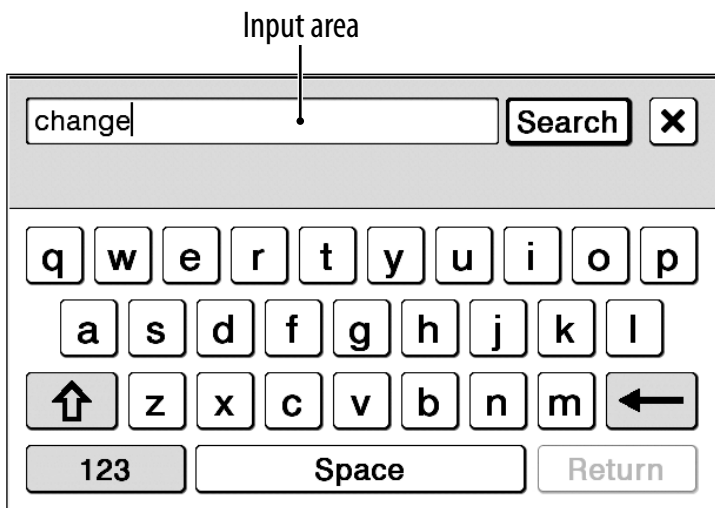


Double-tapping and dragging



Double-tap the first word, drag to the last word slowly and release to select consecutive words (☑ [40](#)).

On-screen keyboard

The on-screen keyboard is used for word search (☞ [55](#)), creating a text memo (☞ [42](#), [80](#)), and dictionary search (☞ [62](#)).



To	Perform at input area
Edit	Tap to place the cursor.
Delete a character	Tap to place the cursor and tap to delete a character before the cursor.
Finish inputting	Tap [OK], [Search] or [Done].

To	Perform at input area
Insert line feed	Tap [Return]. Note • [Return] is invalid with [Search].
Switch the keyboard type	Tap [123] to switch to the symbol keyboard. To return, tap [Abc].
Switch the character type	Tap  to switch to the upper-case keyboard. Tap  to switch to additional characters.
Input previously entered words	Tap one of previously entered words shown below the input area. Note • Keyboard history only records (hyphenated) words of 4 to 15 letters. Numbers or other symbols are excluded.



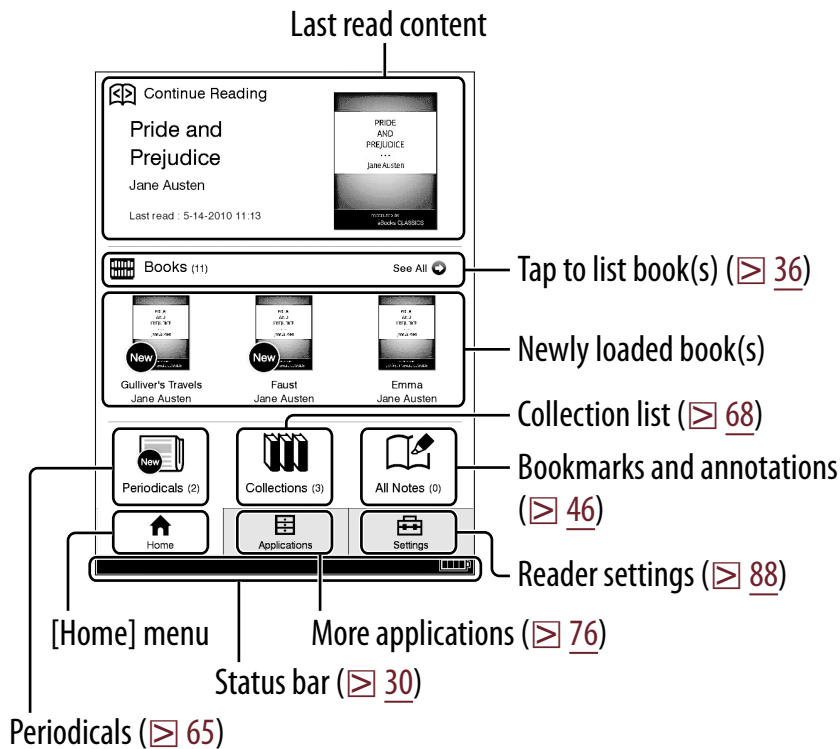
To input optional characters

Tap and hold an applicable character key will pop up optional characters.



Home Menu

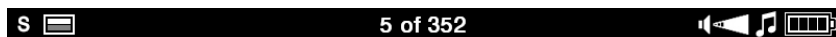
Press the  (Home) button to display the [Home] menu.



Tip

- [New Delivery] appears when a periodical is transferred.

About the status bar (☒ [29](#))



Icon	Description
	Current text Size (☒ 47).
	Current page position in landscape mode (☒ 54).
	Current page position indicator when in either 2 or 3 column split mode (☒ 48).
1 of 234	Page Indicator. Tap this to jump to another page (☒ 57).
17:06	Current time indicator. Reader shows current time in the middle of the status bar for 5 seconds after the OPTIONS button is pressed and returns to the previous display (either blank or page indicator).
	Volume level indicator. This only appears when the volume button is pressed (☒ 11 , 87).
	An invalid operation.
	Audio playback in background.
	Battery status indicator (☒ 13).

OPTIONS Menu

Pressing the OPTIONS button (☒ [10](#)) will display the menu for related supplementary functions.

Items in the OPTIONS menu

The following items are listed in alphabetical order. When displaying the OPTIONS menu, not all items listed below will be shown in any given circumstance.

Item	Description/Reference page
[Add Content], [Add to Collection]	Adds content to a collection (☒ 70).
[Add Bookmark]	Creates a bookmark on the page (☒ 39).
[Adjust View]	Adjusts how content is displayed (☒ 52).
[Change Dictionary]	Shows a list of dictionaries to select.
[Continue Reading]	Shows the last read page of the content.
[Delete Book], [Delete Drawing], [Delete Issue], [Delete Memo]	Deletes the currently-viewed book, drawing, issue or text memo from the Reader.


Item	Description/Reference page
[Delete Audio], [Delete Books], [Delete Collections], [Delete Drawings], [Delete Issues], [Delete Memos], [Delete Notes], [Delete Pictures]	Selects and deletes audio, books, collections, drawings, issues, text memos, notes or pictures from the Reader (☒ 74).
[Delete Word Logs]	Selects and deletes previous dictionary word searches (☒ 64).
[Go to]	<p>[Previous View]: Jumps to the previously viewed page (☒ 59).</p> <p>[History]: Navigates previously-viewed pages. (☒ 59)</p> <p>[Select Page]: Jumps to another page (☒ 57).</p> <p>[Table of Contents]: Displays the table of contents.</p>
[Info]	Displays the content information.

Item	Description/Reference page
[New Collection], [New Drawing], [New Memo]	Creates a new collection (☒ 68), a drawing (☒ 77) or a text memo (☒ 80).
[Notes]	[List]: Displays the [Notes] list in the content (☒ 44). [Create/Edit]: Shows tools to bookmark, highlight, handwrite and remove annotations (☒ 41). [Hide]/[Show]: Toggle displaying annotations (☒ 59).
[Now Playing]	Shows audio player (☒ 86).
[Orientation]	Toggles the screen orientation either in portrait or landscape mode (☒ 54).
[Previous View]	Returns to the previously viewed page.
[Protect Audio], [Protect Books], [Protect Drawings], [Protect Issues], [Protect Memos], [Protect Pictures]	Protects audio, books, drawings, issues, text memos or pictures from accidental deletion (☒ 75).


Item	Description/Reference page
[Remove Bookmark]	Deletes the bookmark on the page (☞ 39).
[Remove Content]	Removes content from a collection (☞ 73).
[Rename Collection]	Changes the collection name (☞ 69).
[Repeat]	Sets repeat play of audio files (☞ 87).
[Resume Playing]	Resumes audio playback (☞ 87).
[Return to List]	Shows content list.
[Search]	Searches for either content title or words in the contents with the keyword inputted by on-screen keyboard (☞ 56).
[Select Standby Screen]	Selects pictures for the standby screen (☞ 84).
[Shuffle On]/ [Shuffle Off]	Plays all audio files in a random order (☞ 87).
[Slideshow On]/ [Slideshow Off]	Starts/Stops a slideshow of pictures (☞ 83).
[Sort:]	Changes sort order of the list (☞ 36).
[View:]	Changes the appearance of the list.

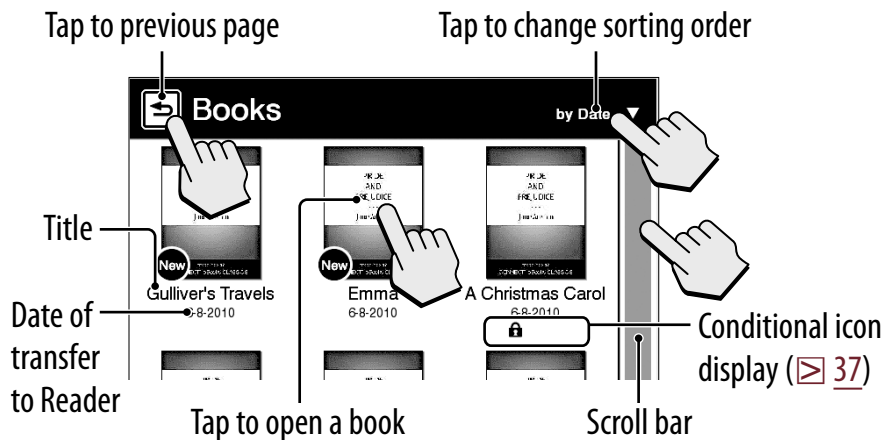
Item	Description/Reference page
[Word Logs: Book] [Word Logs: Periodical]	Within either a book or a periodical, shows a list of the last 100 words previously searched in the dictionary (▶ 63).
[Word Logs: Dictionary]	Within a dictionary, shows a list of the last 100 words previously searched (▶ 82).
▲/▼	Displays the previous/next OPTIONS menu.

Tip

- Pressing and holding the OPTIONS button for 2 seconds is the same as tapping  or pressing OPTIONS → tapping [Return to List].

Reading Books






Tap  [Books] at [Home] menu to view a book list. Tap a desired book to open.



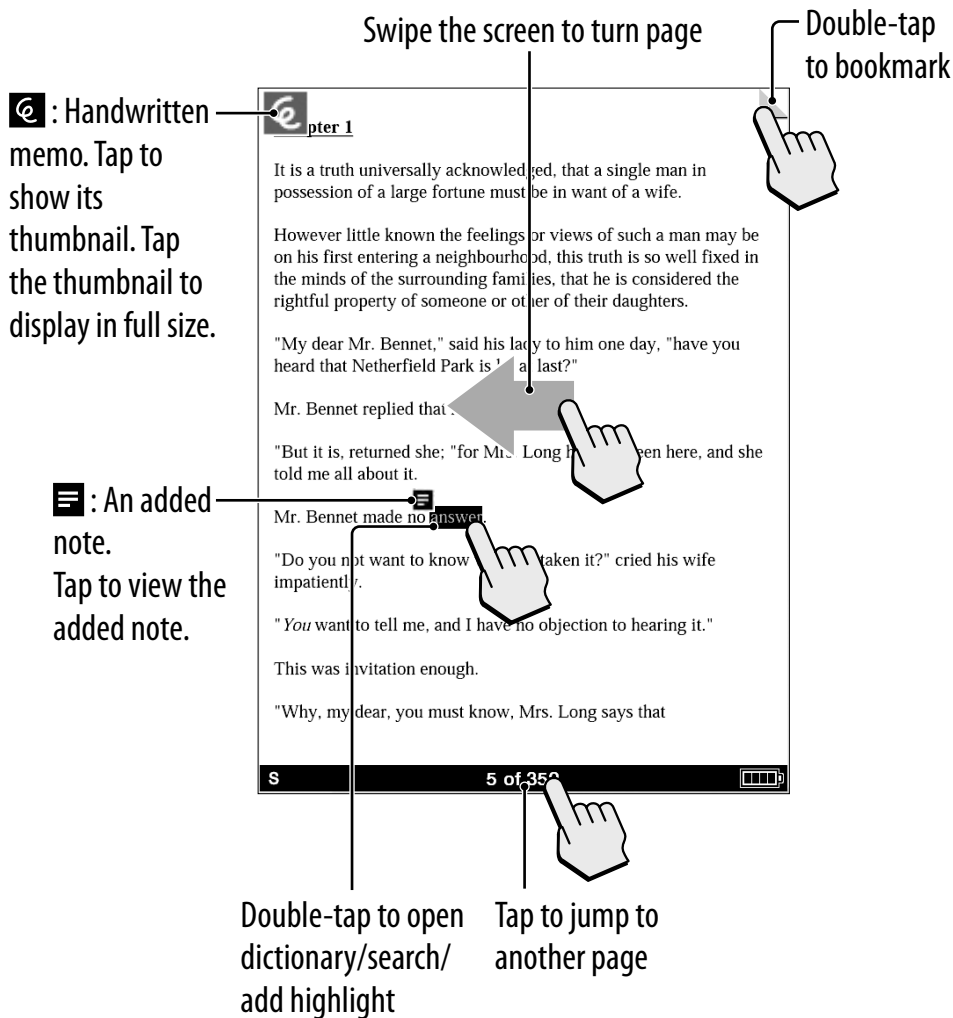
Tips

- About the OPTIONS menu, see ☒ [31](#).
- To transfer eBooks to the Reader, please see ☒ [17](#).

Conditional icon

Icon	Condition
	Newly transferred or unread content.
	Protected content ( 75).
	Content on a memory card.
 23	Days to the expiration date. [Expired] is displayed when a book has expired.

Operation at page view



Annotation

Bookmarking

Creating:


- Double-tap the upper right corner of page (☒ [23](#)).
- From the OPTIONS menu: [Add Bookmark] (☒ [31](#))
- From the OPTIONS menu: [Notes] ➔ [Create/Edit] (☒ [41](#))

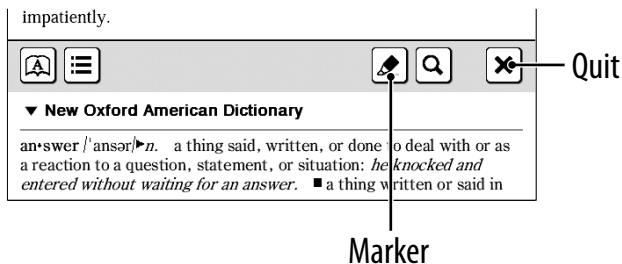
Deleting: Double-tap a bookmark.

Adding a note in a bookmark: See ☒ [42](#).

Highlighting word(s)

Highlighting at page view:

- A word: Double-tap a word.
- Consecutive words: Double-tap and drag (☞ [25](#)).
- At pop-up tool window, tap  marker to highlight.




- Highlighting can be done in the OPTIONS menu: [Notes] ➔ [Create/Edit] (☞ [41](#)).

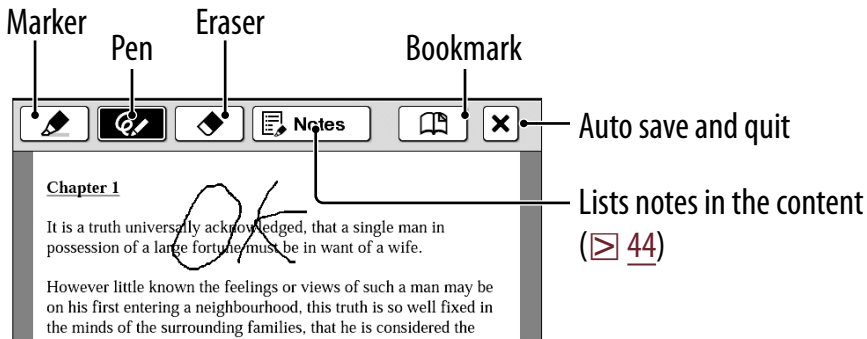
Deleting:


- From the OPTIONS menu: [Notes] ➔ [Create/Edit] (☞ [41](#)).

Adding a note in a highlight: See ☞ [42](#).

Handwriting a note

Press **OPTIONS** → tap [Notes] → [Create/Edit] →  → use a stylus or finger to mark your note.



Deleting a drawn line/highlight: Tap  and stroke across the drawn line or highlight.

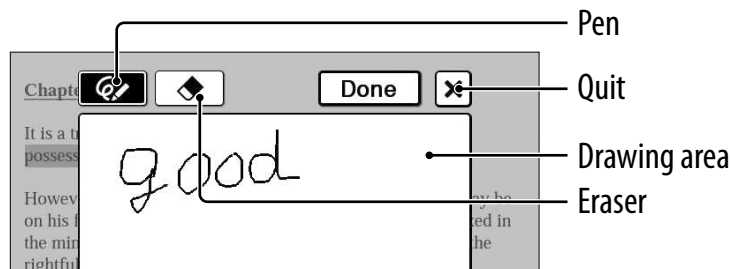
Notes

- While writing, make sure that you are not touching another area on the screen – this could affect the notes that you write with the stylus or your finger.
- To ensure your notes are correctly saved, do not handwrite notes too close to the edge of the screen.
- If you experience difficulties when handwriting or drawing on your Reader:
 - avoid applying excessive pressure to the screen.
 - try not to handwrite or draw too quickly.
 - the notes functionality is not designed for very detailed drawings or for writing small characters.

Adding a note

1 Tap a bookmark or highlighted word → [by Drawing] or [by Keyboard].

To enter a handwritten note, tap [by Drawing].



To enter a memo with typed in text (☒ 26), tap [by Keyboard].

Note

- When adding a note to the highlighted text in [Create/Edit], unselect any annotation tool icon and then tap the highlight.


2 Enter a note → tap [Done].

☰ will be attached to the bookmark or highlight. To view the added note, tap a bookmark or highlight with ☰.

Notes

- While writing, make sure that you are not touching another area on the screen – this could affect the notes that you write with the stylus or your finger.
- To ensure your notes are correctly saved, do not handwrite notes too close to the edge of the screen.
- If you experience difficulties when handwriting or drawing on your Reader:
 - avoid applying excessive pressure to the screen.
 - try not to handwrite or draw too quickly.
 - the notes functionality is not designed for very detailed drawings or for writing small characters.

To edit a note

Tap a bookmark or highlight with  ➔ [Edit] ➔ edit a note ➔ tap [Done].

To delete a note

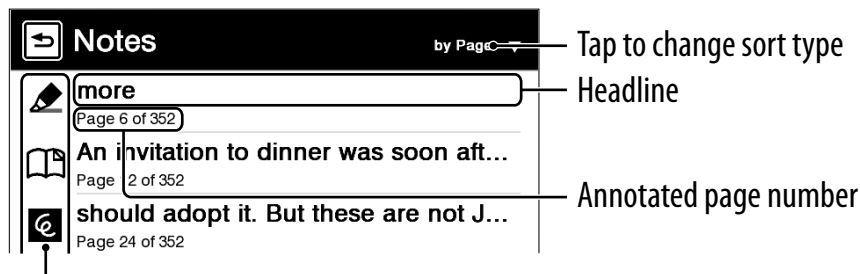
Tap a bookmark or highlight with  ➔ [Delete] ➔ [Yes].

Finding a Note

Searching for notes within a book

1 Press **OPTIONS** → tap **[Notes]** → **[List]**.

A list of all the bookmarks, highlights, and handwritten memos in the current book appears.



Types of note (☞ [45](#))








Tip

- About the **OPTIONS** menu, see ☞ [31](#).

2 Tap a note.

The page containing the selected note is displayed.

Icons and types of note in the [Notes] list

Icon	Types of note
	Bookmark
	Bookmark with a handwritten note
	Bookmark with a text note
	Highlight
	Highlight with a handwritten note
	Highlight with a text note
	Handwritten memo

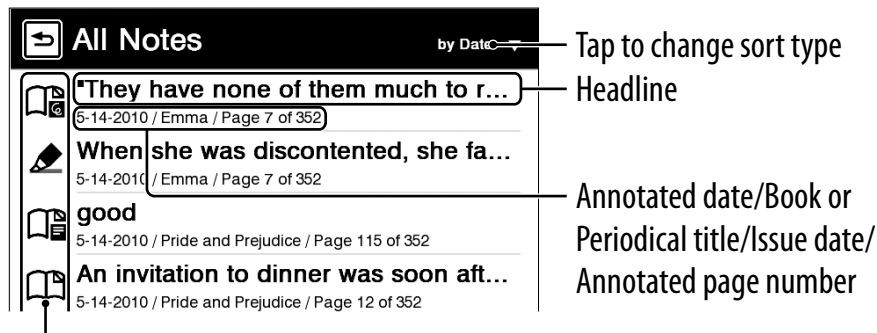
Tip

- You can set to merge the notes of the Reader and Reader Library when synchronizing. For further instructions, refer to Reader Library Help.

Finding the notes in all contents

1 Tap [All Notes] at [Home] menu.

A list of all the bookmarks, highlights, and handwritten memos in all contents appears.



Types of note ( [45](#))

Tip

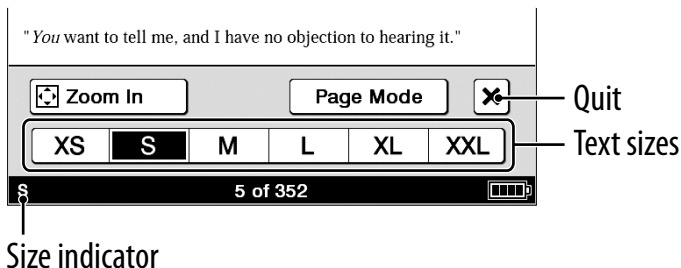
- About the OPTIONS menu, see  [31](#).

2 Tap a note on the list.

The page containing the selected note is displayed.

Resizing

Press \oplus (\boxtimes 10) for re-sizing.



Adjusting the text size: Select one of text size icons and close.

Notes

When you view PDF files in a size other than [S], the following may occur.

- [S] size is the default font size. If another size is selected, text size may not change correctly.
- Functions such as highlighting, searching, or temporary word selection may not work correctly.
- The table and graphics may not be correctly displayed.
- A page containing only images cannot be resized.

Changing a page mode


A page can be magnified by selecting the page mode.

- 1** Press   tap **[Page Mode]**.
- 2** Tap a desired item from the following.

[Page Mode] menu

[Page Mode] item	Description
[Original]	Displays the original page layout.
[Margin Cut]* ¹	Removes the margins.
[2-Column Split]	Displays the page in numerical order by dividing the page into four.
[3-Column Split]	Displays the page in numerical order by dividing the page into six.
[Full Page]* ²	Expands the page to a full page.

*¹ Depending on the content, you may not be able to enlarge a page.

*² [Full page] mode is only effective when the screen is in landscape display ( [54](#)).

Note

- In order to attach a handwritten memo, the page mode needs to be restored to [Original].

Zooming in

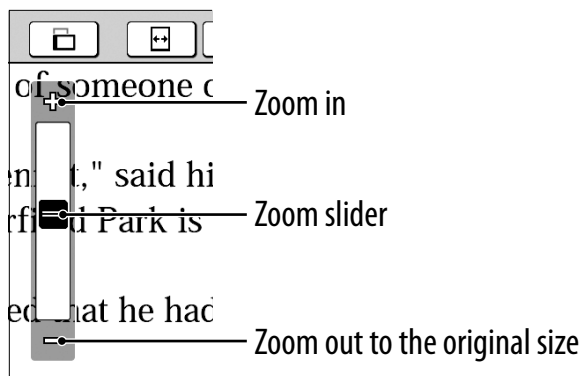
The current page in view can be magnified. Also, the magnification can be locked so that the desired setting can be maintained. This feature is useful when reading a book containing scanned images.

1 Press \oplus \rightarrow tap $\left[\begin{array}{c} \square \\ \square \end{array} \right]$ Zoom In].

Tip

- Pressing \oplus and $>$ simultaneously at the page view screen instantly magnifies the page by 10%.

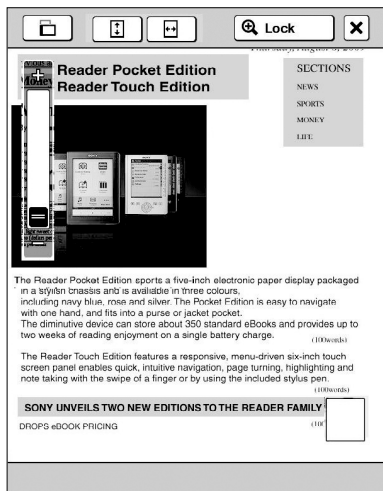
2 Drag the zoom slider, or tap + or – of the zoom bar repeatedly until the page is zoomed to the desired scale.



Zooming a specified image or column to the screen size

While in zoom-in mode, double-tap an image or column which you wish to magnify.








The image or column size is magnified automatically to fit the screen size, and the magnification is locked.



Tip

- When in zoom-in mode, you may move to the next/previous page at zoom lock ([⊕ Lock]) mode.

Using the zoom-in mode

Tap	To
	Switch the screen orientation.
	Fit the page width to the screen width.
	Fit the page height to the screen height.
[⊕ Lock]	Lock the zoom ratio and the magnified area. The book can be read as it is.
[⊕ Unlock]	Return to the zoom-in mode. To keep the zoom locked screen, press  to quit. When opening the book next time the zoom locked screen will be restored.
	Scroll the page. You can also scroll the page by dragging or tap on a page where you want to zoom in.
	Check which part on the page is displayed.
	Return to original view.

* Displays when in zoom-in mode.

Note

- In zoom-in mode, page links are not available.

Adjusting Content View

A page that is hard to read, such as a scanned or color converted document, can be made more readable by adjusting the brightness and contrast.

1 Press **OPTIONS → tap **[Adjust View]**.**

2 Tap the desired item from the following.

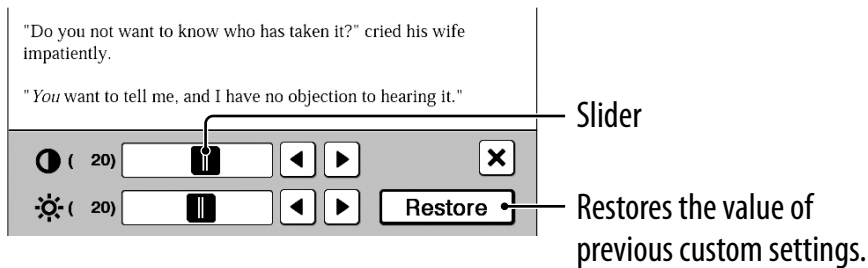
Item	Description
[Original]	Displays the page in the original quality.
[Saturated]	Improves readability by emphasizing contrast.
[Details]	Backlight compensation; brings up details in a dark area.
[Brighter]	Increases the brightness.
[Darker]	Decreases the brightness.
[Custom]	Custom setting mode (☞ 53).

3 Tap **[X] to apply the setting and exit.**


The change will only be stored in the content being adjusted. Select [Original] when it is necessary to restore the default setting.

Custom setting mode

- 1 Tap  → drag the slider, or tap  or  repeatedly until the page is adjusted to the desired brightness and contrast.



- 2 Tap  to apply the setting and exit.

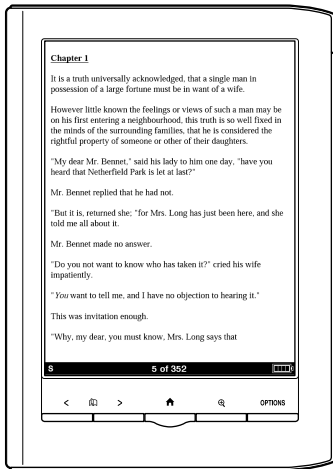
The change will only be stored in the content being adjusted. Select [Original] ( 52) when it is necessary to restore the default setting.

Screen Orientation

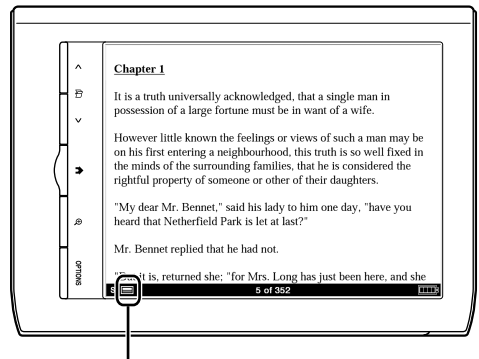
The screen orientation can be switched to either portrait (vertical) or landscape (horizontal) mode by selecting [Orientation] in any OPTIONS menu.

To change the direction of screen rotation, see [Screen Orientation] (☞ [91](#)).

Portrait



Landscape



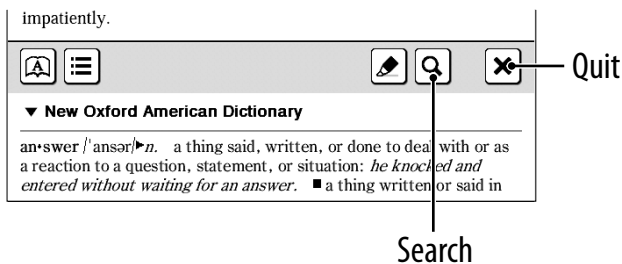
Position indicator

Searching

By selecting a word(s)

- To select a word, double-tap a desired word at page view. To select consecutive words, see “Double-tapping and dragging” (☞ [25](#)).

The following screen will appear.



- To cancel, tap **X** and tap anywhere on the page view.
- To search the selected word(s), tap **Q**.

The search for result screen will appear. The results are highlighted on the page.

- To cancel, tap **X** and quit.
- To navigate, tap **Q←** or **→Q** to move to the previous/next result.

From the on-screen keyboard

- 1 Press OPTIONS → tap [Search] → input a word using the on-screen keyboard (☞ 26) → tap [Search].**

The search result screen will appear. The results are highlighted on the page.

- 2 Tap  or  to move to the previous/next result.**

To cancel, tap  and quit.

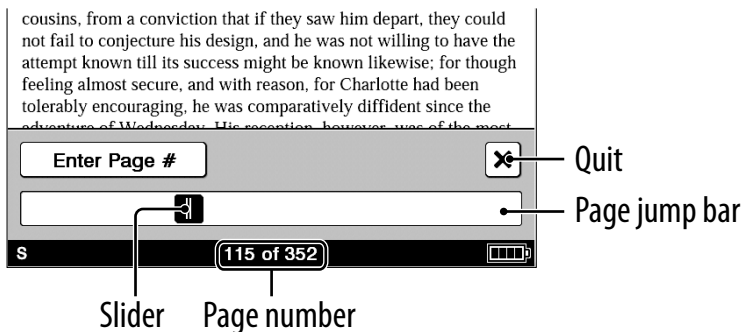
Tip

- Before searching, a selected word can be modified. Double-tap a word → press OPTIONS → tap [Search] → modify the word in the input area of the on-screen keyboard → tap [Search].

Jumping to a Page

By using the slider

Tap the page number shown in the status bar ➔ drag the slider, or tap a point on the page jump bar.

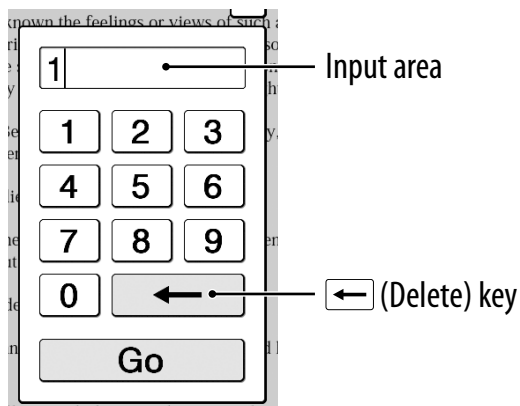


Tip

- Jumping to a page can be done from the OPTIONS menu. Press **OPTIONS** ➔ tap **[Go to]** ➔ **[Select Page]**.

By page number

Tap the page number shown in the status bar ➔ [Enter Page #] ➔ tap the number keys to input a page number ➔ [Go]. You will jump to the specified page.



If the input page number exceeds the number of pages in the book, the Reader will show the last page. If 0 is input, the first page will be displayed.

By tapping a link

The link appears highlighted on the screen. Tap the link to jump to the linked page.

Note

- If a hyperlink is covered with highlighting, press OPTIONS → tap [Notes] → [Hide] to hide highlighting.

Returning to the previously displayed page

Press OPTIONS → tap [Go to] → [Previous View].

Jump to viewed pages

Press OPTIONS → tap [Go to] → [History] →

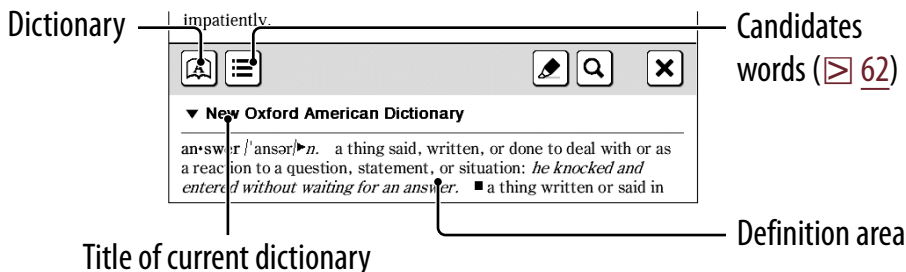
 (previous view) or  (next view) → .

Using Embedded Dictionaries

An instant search for a meaning or translation is possible with the embedded dictionaries.

1 Double-tap a word.

The headline of the word definition is displayed.






Tips

- Tap ▼ to switch and search in another dictionary.
- Reader comes with 12 embedded dictionaries.
 - 2 English dictionaries
 - 10 Translation dictionaries


An English word can be translated to French, German, Spanish, Italian or Dutch, or vice versa.

2 Tap or the definition area.

The definition is displayed in-full in the dictionary viewer. To go to the next page, either swipe the screen or press <  > (Page Turn) buttons ( [10](#)).

<p>to) a thing or person that imitates or fulfills the same role as something or someone else: <i>the press called her Britain's answer to Marilyn Monroe.</i> ■</p> <p>【Law】 the defendant's reply to the plaintiff's charges.</p> <p>▶v. 1 [reporting verb] say or write something to deal with or as a reaction to someone or something: [with direct speech] "Of course I can,"</p>	<p><i>one couldn't answer back</i> [trans.] <i>Mary resisted the temptation to answer her mother back.</i> ■ [trans.] act in reaction to (a sound such as a telephone ringing or a knock or ring on a door): <i>David answered the door</i> [intrans.] <i>she called Edward's house, hoping he would answer.</i> ■ [trans.] act in response to (a stimulus): <i>answering the call of nature.</i> ■ [trans.] discharge</p>	<p>Definition area</p>
<p>[an•swer</p>		

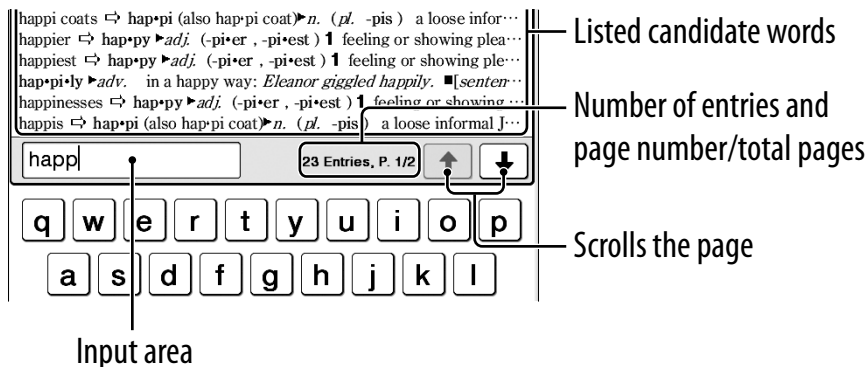
Tips

- Double-tapping a word in the definition area will look up the selected word in the same dictionary. To return to the previously viewed definition page, press **OPTIONS** ➔ tap [Previous View].
- From the **OPTIONS** menu, following functions can be done.
 - Changing to another dictionary and searching again.
 - Listing previously looked up words in the selected dictionary ( [63](#)).

To list words with same head letters as previously entered word

Tap  or  (keyboard) ( 26).

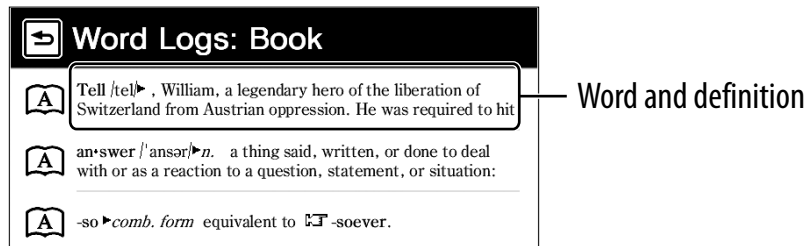
The list of candidate words changes dynamically whenever the word in the input area is modified.



Listing previously looked up words

- 1 At page view, press **OPTIONS** → tap [Word Logs: Book].

The looked up words are listed in the order of most recently looked up.



- 2 Tap a desired word.


To delete word logs

Press **OPTIONS** ➔ tap [Delete Word Logs] ➔ tap the check box of each word to be deleted ➔ [Done] ➔ [Yes].

Tip

- A list of looked up words within a dictionary can be also viewed by pressing **OPTIONS** ➔ tap [Word Logs: Dictionary] when viewing the definition area (☞ [61](#)) or the candidate word list (☞ [62](#)).

Reading Periodicals

You can read newspapers/magazines from  [Periodicals] in the [Home] menu.

1 Tap [Periodicals] at [Home] menu.

Tip

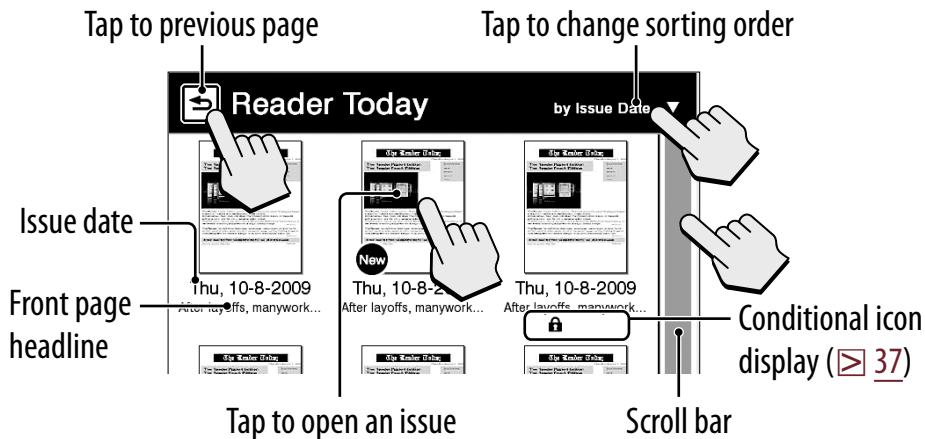
- The most recently transferred periodical is displayed as [New Delivery] in the [Home] menu.

2 Tap a desired periodical to go to issue list.

Tip

- About the OPTIONS menu, see  [31](#).

3 Tap a desired issue in the list.

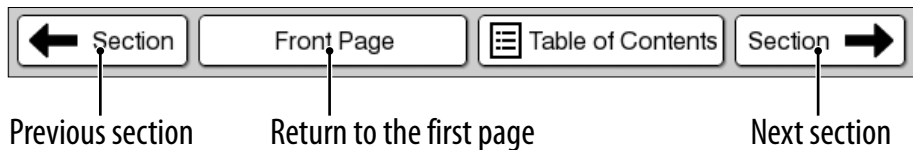


Tip

- About the OPTIONS menu, see ☒ [31](#).

4 Use the navigation bar to read.

Operations on a section



Operations on an article



Tips

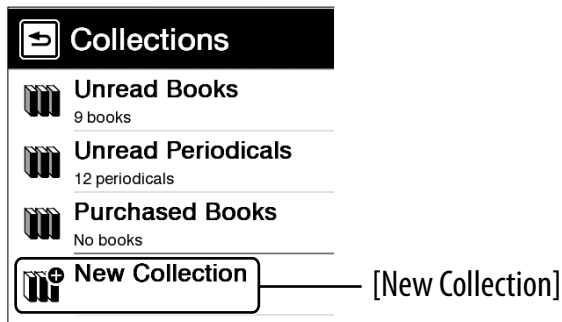
- Annotations can be added ([☒ 39](#)).
- About the OPTIONS menu, see [☒ 31](#).

Collections

Creating

You can group desired content in Reader as a collection.

- 1 Tap  [Collections] at [Home] menu → [New Collection].



Tip

- Press **OPTIONS** → tap [New Collection] to create a collection.

- 2 Enter the collection name using the on-screen keyboard (▶ [26](#)) ▶ tap [OK].**
- 3 Tap [Internal Memory], [Memory Stick™] or [SD Card] to select where you want to create the collection ▶ tap [OK].**

A new collection is created in the [Collections] list.

Tip

- You can create/sync a collection by Reader Library. For details, refer to the Reader Library Help.

To change a collection name


In the [Collections] list, tap the collection ▶ press OPTIONS ▶ tap [Rename Collection] ▶ enter a new collection name using the on-screen keyboard ▶ tap [OK].

Adding contents

From the collections

Note

- Only content in the same physical location as the selected collection can be added.

- 1 Tap  [Collections] at [Home] menu → tap a created collection.**
- 2 Press OPTIONS → tap [Add Content] → [Books] or [Periodicals].**
In the periodical list, select a periodical and then select issues.
- 3 Tap the thumbnail of a desired content → [Done].**

From either the books or issues list

- 1** In the books or issues list, press **OPTIONS** ➔ tap **[Add to Collection]**.
- 2** In the collection list, tap a collection you want to add the content.
- 3** Tap the thumbnail of the desired content ➔ **[Done]**.


You can check added content in the collection list.

Tip

- To select all books or issues, press **OPTIONS** in the [Add Books] or [Add Issues] list ➔ tap **[Select All]**.

Deleting a collection

Even if you delete a collection, all contents in the collection will remain undeleted on the Reader.


- 1 Tap  [Collections] at [Home] menu.**
- 2 Press **OPTIONS** → tap [Delete Collections].**
- 3 Tap the check box of each collection to be deleted → [Done] → [Yes].**

Tip



- Also, you can delete a collection using Reader Library. For details, refer to the Reader Library Help.

Removing contents

Even if you delete content in a collection, the corresponding content will remain undeleted on the Reader.

- 1 Tap  [Collections] at [Home] menu → tap a collection.**
- 2 Press OPTIONS → tap [Remove Content].**
- 3 Tap the thumbnail of each content to be deleted → [Done] → [Yes].**

Tips

- To select all contents, press OPTIONS after step 2 above → tap [Select All].
- When you delete contents in  [Books] or  [Periodicals], corresponding contents are also deleted from relevant collections.

Deleting Content

Example: [Books] list

1 Tap [Books] → press **OPTIONS** → tap [Delete Books].

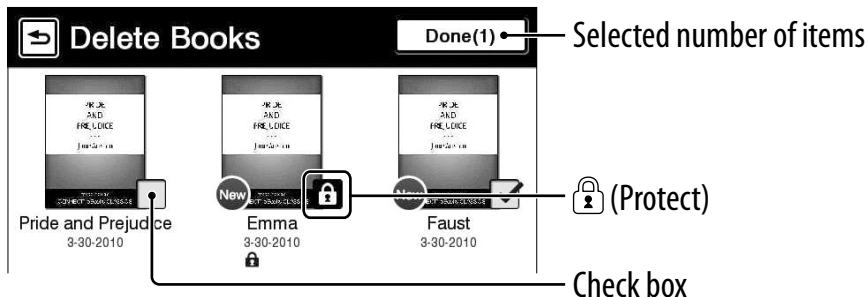
To delete: tap a book thumbnail with the blank check box.

To delete all: press **OPTIONS** → tap [Select All].

To undelete: tap a book thumbnail with a checked check box.

To unselect all: press **OPTIONS** → tap [Unselect All].

2 Tap [Done] → [Yes].



Tip

- You can also delete the currently viewed book. Press **OPTIONS** in the page view → tap [Delete Book] → [Yes].

Protecting Content

Example: [Books] list

1 Tap [Books] → press **OPTIONS** → tap [Protect Books].

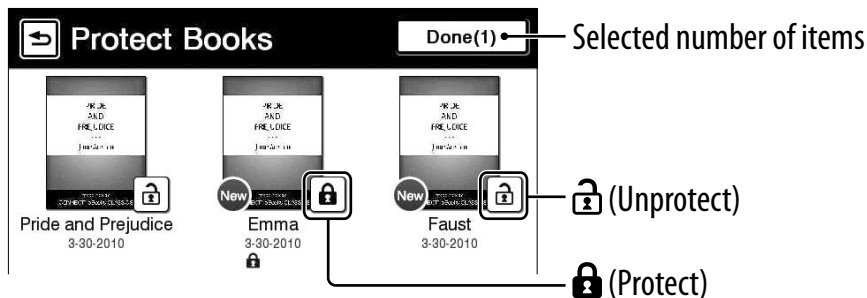
To protect: tap a book thumbnail with .

To protect all: press **OPTIONS** → tap [Protect All].

To unprotect: tap a book thumbnail with .

To unprotect all: press **OPTIONS** → tap [Unprotect All].

2 Tap [Done].



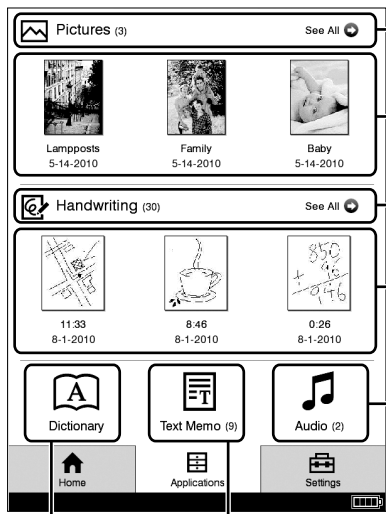
Note

- This protection feature works only on the Reader. Protected content may still be deleted via your computer.

Applications menu

The [Applications] menu provides useful functions, such as listening to music while reading a book, creating a text or a handwritten memo, and more.

Tap  [Applications] at [Home] menu.





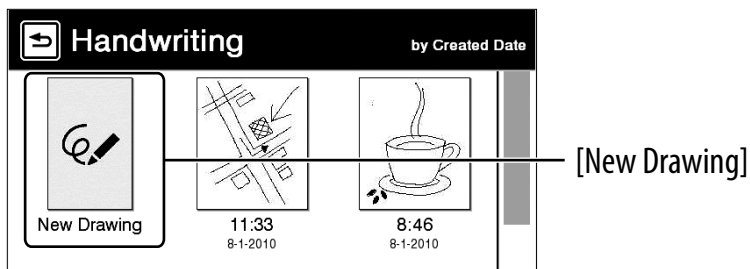
The screenshot shows the Applications menu with the following items and annotations:

- Pictures (3)**: To list all pictures ([83](#))
- Latest pictures**: Three thumbnails labeled "Lampposts", "Family", and "Baby", all dated 5-14-2010.
- Handwriting (30)**: To list/create handwritten note(s) ([77](#))
- Latest drawings**: Three thumbnails showing drawings, dated 11:33, 8:46, and 0:26 on 8-1-2010.
- Dictionary**: To use the currently selected dictionary ([82](#))
- Text Memo (9)**: To create/edit/view text memo(s) ([80](#))
- Audio (2)**: Audio player ([85](#))

At the bottom, the Home, Applications, and Settings icons are visible. The Applications icon is highlighted with a white background.

Creating drawings

- 1 Tap  [Handwriting] under  [Applications] at [Home] menu.
- 2 Tap [New Drawing].

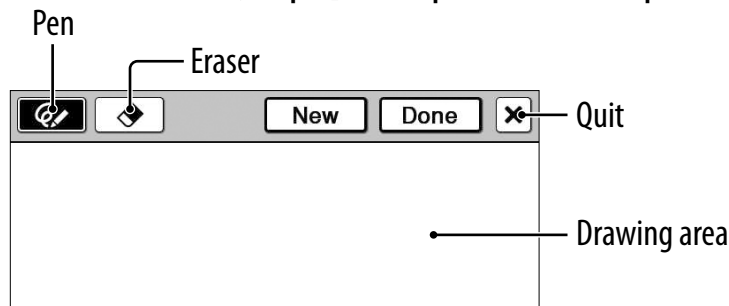


Tip

- Press **OPTIONS** ➔ tap [New Drawing] to create a drawing.

3 Draw in the drawing area with the supplied stylus or your finger → tap [Done].

To erase a line, tap  → tap or stroke a part of the line.



Tips

- If you tap [New], the current drawing is saved, and a new drawing editor opens.
- Newly created drawings will be saved only in the internal memory.



Notes

- While writing, make sure that you are not touching another area on the screen – this could affect the notes that you write with the stylus or your finger.
- To ensure your notes are correctly saved, do not handwrite notes too close to the edge of the screen.
- If you experience difficulties when handwriting or drawing on your Reader:
 - avoid applying excessive pressure to the screen.
 - try not to handwrite or draw too quickly.
 - the notes functionality is not designed for very detailed drawings or for writing small characters.

Viewing/editing created drawings

After step 1 (☞ [77](#)), tap a drawing thumbnail to view. Tap [Edit] and follow step 3 above.

To delete/protect a drawing(s)

Tap  [Handwriting] under  [Applications] at [Home] menu, press OPTIONS ➔ tap [Delete Drawings] or [Protect Drawings].



To delete, refer to the example instructions for deleting books in “Deleting Content” (☞ [74](#)).

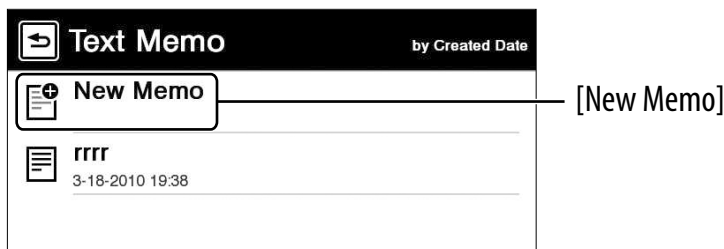
To protect, refer to the example instructions for protecting books in “Protecting Content” (☞ [75](#)).

Tip

- After step 1 (☞ [77](#)), tap a drawing thumbnail to view and press OPTIONS ➔ tap [Delete Drawing] to delete the currently viewed drawing.

Creating text memos

- 1 Tap  [Text Memo] under  [Applications] at [Home] menu.
- 2 Tap [New Memo].



Tip

- Press **OPTIONS** ➔ tap [New Memo] to create a text memo.

- 3 Enter text in the input area using the on-screen keyboard ( [26](#)) ➔ Tap [Done].

Tips

- If you tap [New], the current text memo is saved, and a new text memo editor opens.
- Newly created text memos will be saved only in the internal memory.

Viewing/editing text memos

After step 1 (☞ [80](#)), tap a memo to view. Tap [Edit] and follow the step 3 (☞ [80](#)).

To delete/protect a text memo in the list

Tap ☰ [Text Memo] under ☰ [Applications] at [Home] menu, press OPTIONS ➔ tap [Delete Memos] or [Protect Memos].

To delete, refer to the example instructions for deleting books in “Deleting Content” (☞ [74](#)).

To protect, refer to the example instructions for protecting books in “Protecting Content” (☞ [75](#)).

Tip


- After step 1 (☞ [80](#)), tap a memo to view and press OPTIONS ➔ tap [Delete Memo] to delete the currently viewed memo.

Using embedded dictionaries

- 1 Tap  [Dictionary] under  [Applications] at [Home] menu.**

The name of the currently selected dictionary is shown at the top of the screen. To switch to another dictionary, press **OPTIONS** → tap [Change Dictionary].

- 2 Input a word using the on-screen keyboard ( [26](#)) → tap a candidate word.**

The definition is displayed in-full in the dictionary viewer ( [61](#)).

To list words with same head letters as the inputted word

Tap  (keyboard) ( [62](#)).

To list previously looked up words

Press **OPTIONS** → tap [Word Logs: Dictionary].

To delete word logs, see  [64](#).



Viewing pictures

You can view pictures stored in either internal memory or a memory card. Also, you can set your favorite pictures to the standby screen.

1 Tap  [Pictures] under  [Applications] at [Home] menu.


2 Tap a thumbnail of desired picture on the list.

Tips

- About the OPTIONS menu, see  [31](#).
- See “Supported File Formats” ( [121](#)).
- To transfer pictures to the Reader using Reader Library, refer to Reader Library Help.

To set slideshow

Press OPTIONS ➔ tap [Slideshow On].

To set the duration of a slideshow, see [Slideshow] of [Application Preferences] ( [91](#)).

To set as a standby screen

In the [Pictures] list, press **OPTIONS** ➔ tap [Select Standby Screen] ➔ tap the thumbnail of candidate picture ➔ tap [Done].

The [Standby Screen] setting is configured from the [Settings] menu (☒ [94](#)).

Tip

- When two pictures or more have been selected, the displayed picture is changed every time the Reader enters the sleep mode (☒ [8](#)).

To zoom in a picture




Press **⊕** (☒ [10](#)) to switch to the zoom-in mode. Drag the zoom slider (☒ [49](#)) and scroll the picture by dragging.

Tip



- Double-tap where you wish to zoom in further. The double-tapped area will be shown centered automatically after zooming in.

Playing audio files

You can enjoy audio files with optional headphones.

- 1 Tap  [Audio] under  [Applications] at [Home] menu.**
- 2 Tap a desired album to go to the audio list.**
- 3 Tap a desired audio file, and play an audio file.**
The playback screen appears ( [86](#)).

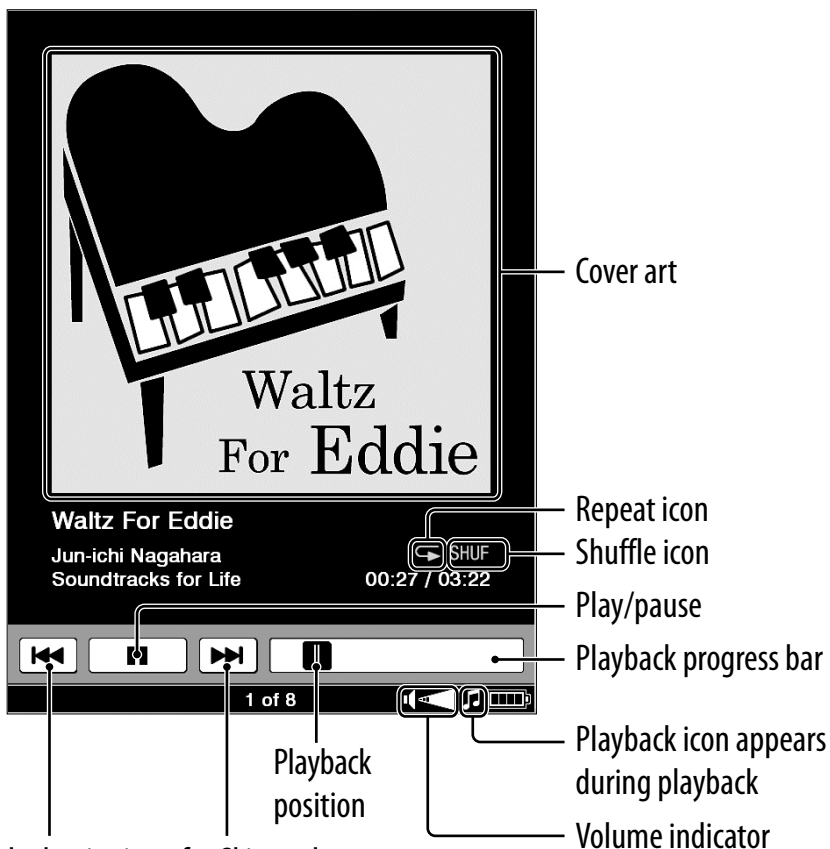
Tips

- About the OPTIONS menu, see  [31](#).
- See “Supported File Formats” ( [121](#)).
- To transfer audio files to the Reader using Reader Library, refer to Reader Library Help.

Note

- An album or an audio file with cover art information can only display its thumbnail in the album list.

Playback screen operations



Skip to the beginning of the previous (or current if played more than 3 seconds from the beginning) audio file

Skip to the beginning of the next audio file

To	Do this
Pause a song	Tap .
Resume playback	Tap ▶ .
Skip to the previous/ next audio file	Swipe the playback screen.
Skip to the beginning of the previous (or current) audio file/beginning of the next audio file	Tap ⏮/⏭ . Note <ul style="list-style-type: none"> • Skips to the beginning of the current audio file if played more than 3 seconds from the beginning.
Fast-reverse/ fast-forward an audio file	Drag the playback position indicator, or tap on the playback progress bar.
Control the volume	Press the volume button. The volume indicator will appear in the status bar.
Repeat songs	Press OPTIONS ➔ tap [Repeat] ➔ tap [Off], [One Song] or [All Songs]. ↺ 1 : Repeat one song ↺ : Repeat all songs in the album
Shuffle songs	Press OPTIONS ➔ tap [Shuffle On] or [Shuffle Off]. SHUF : Shuffle play
Mute playback	Press and hold the volume button. To resume, press the volume button again.

Changing Settings

Tap  [Settings] tab at [Home] menu.

[General Settings] (90)

- [Date and Time]
- [Date and Time Format]
- [Page Turn Preference]
- [Menu Language]
- [Keyboard]
- [Screen Orientation]

[Application Preferences] (91)

- [Dictionary]
- [Slideshow]

[System Management] (92)

- [Power Management]
- [Device Lock]
- [Standby Screen]

[Initialization] (☞ 95)

[Restore Defaults]

[Clear Keyboard History]

[Format Memory]

[About]

Displays system and legal information of the Reader.

[Device Shutdown]

Shuts down (power off) the Reader completely.

[General Settings] menu items

[Date and Time]

Tap a field to change.

Input a number by tapping the numeric key pad.

Tap [OK] to apply the change.

Tip

- The date and time of your Reader will be automatically synchronized to your computer by the Reader Library after connection.

[Date and Time Format]

Tap [Month-Day-Year] or [Day-Month-Year] to select the date format.

Tap [12 hour] or [24 hour] to select the time format.

Tap [OK] to apply the changes.

[Page Turn Preference]

Sets the swiping direction to turn pages forward.

Swiping to left is default setting.

[Menu Language]

Selects the language of the Reader's menu and messages.

[Keyboard]

Selects a preferred on-screen keyboard.

[Screen Orientation]

Sets the direction to rotate when changing from portrait to landscape mode.

[Application Preferences] menu items

[Dictionary]

Selects a default dictionary to use.

[Slideshow]

Sets the slideshow on/off and its duration up to 60 seconds.

Note

- Slideshow may take a longer time to display depending on the size of picture.

[System Management] menu items

[Power Management]

Power management helps avoid unnecessary battery consumption.

Power management operates as follows:

- After 10 minutes of inactivity, the Reader enters the sleep mode automatically and battery consumption is minimized.
- After two* days of inactivity, the Reader automatically shuts down and stops consuming battery power.

* If battery power is at a low level, the Reader will shut down within two days of inactivity.

Note

- The Reader does not enter the sleep mode after 10 minutes of inactivity even if [Power Management] is set to [On], when:
 - connected to a computer using the supplied USB cable
 - charging with an AC adapter (PRSA-AC1) (optional)
 - playing an audio file or when a slideshow is set

[Device Lock]

Locks the Reader by setting a pass code.

Tap [On] to set a pass code.

Input a 4-digit number by tapping the numeric key pad.

Tap [OK] to lock the Reader.

To unlock, input the pass code and tap [OK]. Then tap [Off] to unlock the Reader, and tap [OK].

Notes

- [0000] is the factory setting.
- You are recommended to make a note of your pass code and keep it in a safe place separate from the Reader.
- If you forget your pass code, contact your Sony Customer Support (✉ [18](#)); however, note that in unlocking your device, all content on it will be erased.
- When the [Device Lock] setting is activated, the Reader will not be recognized by your computer, please set to [Off] before connecting.

[Standby Screen]

Sets the standby screen during the sleep mode. [Off] displays nothing in the sleep mode.

- [Show picture]: Set [On] to show the selected pictures on the standby screen. For details on setting the pictures, see “To set as a standby screen” (☒ [84](#)).
- [Show message]: Set [On] to show messages on the standby screen.

[Initialization] menu items

[Restore Defaults]

Restores the Reader to its default settings. You will need to perform the initial settings after restoring.

[Clear Keyboard History]

Deletes predictive words for the on-screen keyboard.

[Format Memory]

Formats the internal memory of the Reader or an inserted memory card. Formatting will erase all the contents in the selected storage.

Note

- Before formatting, make sure to backup data you wish to keep to your computer via Reader Library. Note that protected content will also be deleted by formatting.

Troubleshooting

If the Reader does not function as expected, try the following steps to resolve the issue.

- 1 Reset the Reader by pressing the RESET hole with a small pin or clip → after 5 seconds, slide the power switch to restart the Reader.**

The content and settings stored on the Reader are not affected by resetting.

Notes

- The bookmarks, highlights, handwritten memos, or the setting information may be deleted by resetting.
- The screen will not change after pressing the RESET hole. Slide the power switch to restart the Reader.
- Do not push the RESET hole with a breakable point, such as the graphite of a mechanical pencil. It causes the RESET hole to be blocked.

- 2 Check the symptoms list (☞ [97](#)).**
- 3 If it is an issue regarding Reader Library, check for information in Reader Library Help.**
- 4 Look for information on the support Web sites (☞ [18](#)).**

Symptoms


Power

Battery cannot charge.


- If [Charging stopped] is displayed on the screen, check the conditions to charge the Reader again (☒ [12](#)). If charging the Reader by connecting to your computer, make sure your computer is powered on.
- Charge the battery within the temperature range of 41°F to 95°F (5°C to 35°C) (☒ [19](#)).

Battery life seems short.

- The operating temperature is below 41°F (5°C). This is due to the battery characteristics and not a malfunction.
- The Reader is discharged automatically even when not in use for a prolonged period. It is recommended that you charge the Reader again before turning on the Reader.
- The battery was not been given enough time to charge fully. Charge the Reader until the charge/busy indicator turns off. (The battery icon does not indicate remaining battery power during charging.)

- By sliding the power switch, the Reader enters sleep mode in which the battery power is consumed slightly. To minimize battery consumption, before entering the sleep mode, slide and hold the power switch for more than 3 seconds to shut down the Reader.
-  in the status bar indicates the Reader is playing an audio file which consumes the battery power. Go to the playback screen and pause playback if necessary.

The Reader cannot turn on.

- Moisture condensation may have occurred. Wait for a few hours and then turn on the Reader.
- Battery power has been fully depleted. Charge the Reader by connecting to the computer via the supplied USB cable ( [12](#)).

Screen

Display takes a long time to appear.

- In a cold place such as outdoors, it may take time for the display to appear. This is due to the display characteristics and not a malfunction.
- It may take a few moments for the Reader start-up screen to appear after a reset or shutdown.

The screen is frozen.

- Reset the Reader by pressing the RESET hole. Then, slide the power switch to turn on the Reader again (☒ [8](#)).

Touch operation is not effective.

- If condensation occurs in the touch screen, or dust attaches to the touch screen, it may cause a malfunction. For details, see “On Cleaning” (☒ [114](#)).
- If any objects are placed on the touch screen, it may cause a malfunction. When not in use, leave the Reader in sleep mode, or shut it down.

Reading contents**A book cannot be read.**

- If the book has an expiration date, confirm whether the book has already been expired (☒ [37](#)).

A book that has been transferred from your computer cannot be read.

- Either the Reader, your computer, or both may not have been authorized by Reader Library, refer to Reader Library Help (☒ [17](#)).
- You may have tried to read the content owned by another user. The content owned by another user may not have been authorized.
- The authorization data may have been damaged as a result of shutting down while reading a content. Deauthorize your computer and the Reader, then authorize again via Reader Library. Refer to Reader Library Help for further information.

- The book may be protected by unsupported digital rights management. Check the book source for compatibility.
- The book may contain an unsupported file format. Check the file format compatibility (☒ [121](#)).

[Continue Reading] does not work, or bookmarks are missing.

- If the file status has changed (such as in the following cases), data on [Continue Reading] or notes may be deleted.
 - A Text/RTF/PDF file is edited.
 - A book purchased with an authorized Reader is read on another de-authorized Reader by memory card transfer.

You cannot find a transferred book.

- Protected content on the Reader can be deleted if it is deleted from your computer after being connected. It is recommended to manage content using Reader Library.
- Books being transferred to the Reader by synchronization are deleted automatically if the same books are deleted in Reader Library before synchronization. For details, refer to Reader Library Help.
- Do not delete folders or files from any of the “database” folder in the Reader. The content or notes may be deleted.

Playing audio files

An audio file cannot play back.

- Audio files that are not supported by the Reader cannot be played. For details on supported audio files, see “Supported File Formats” (☒ [121](#)).

Sound output is not audible.

- Increase the volume if it is set to low (☒ [11](#)).
- If sound is not output through headphones, make sure the headphone plug is firmly inserted in the headphone jack (☒ [11](#)).

Viewing pictures

A picture cannot be displayed.

- Picture files that are not supported by the Reader cannot be viewed. For details on supported picture files, see “Supported File Formats” (☒ [121](#)).
- A large file size of picture may not be displayable, and its file will not appear in the list. Delete the picture file using Reader Library.

Connection to the computer

The Reader cannot be operated.

- The Reader cannot be operated when connected to a computer via USB.

The Reader cannot be recognized by your computer.

- A USB hub or USB extension cable is used for the connection. Connection via an extension cable or USB hub is not guaranteed. Connect the USB cable directly to the computer.
- Disconnect the USB cable from the Reader, then reconnect it after a while.
- If the Reader is locked, it will not be recognized by your computer, set [Device Lock] to [Off] (☒ [93](#)).
- While the Reader is connected to a computer, do not turn on, restart, wake up from sleep mode, or shut down the computer. These operations may influence the Reader unrecognizable by the computer. Disconnect the Reader from the computer before performing these operations.
- Use the supplied USB cable.
- There may be a malfunction with the USB port on your computer. Connect the supplied USB cable to another port on the computer.
- It may take a while for the software to be recognized by the computer. Wait for a moment.

- If none of the above solves the problem, press the RESET hole of the Reader (☒ 96), turn on the Reader again, and then reconnect the supplied USB cable.

Content cannot be transferred to the Reader from your computer.

- There is not enough free space on the Reader memory. Check [About] (☒ 89) for free space on internal memory, then delete unnecessary data.
- The Reader is not authorized. Authorize the Reader using Reader Library. Refer to “Authorizing Your Computer and the Reader Device for eBook Stores” in Reader Library Help.

Reader Library does not recognize the Reader.

- Disconnect the USB cable from the Reader, then reconnect it.

The Reader becomes unstable while connected to a computer.

- A USB hub or USB extension cable is used for the connection. Connection via an extension cable or USB hub is not guaranteed. Connect the USB cable directly to the computer.

Memory Card

Content on a memory card cannot be read/played/viewed on the Reader.

- Check that the memory card is inserted in the media slot in the correct direction (☒ [9](#)).
- Check to see that you are using a memory card that is supported by the Reader (☒ [114](#)).
- Clean the terminal area of the memory card gently with a soft cloth if it is dirty (☒ [115](#)).
- The Reader is not authorized, refer to “Authorizing Your Computer and the Reader Device for eBook Stores” in Reader Library Help.
- When inserting the memory card into the Reader, it may take time for the Reader to recognize the content files in the memory card especially if the number of the content files stored on the memory card is large.

Content cannot be transferred to a memory card.

- Unlock the erasure prevention switch if it is locked.
- There is not enough free space on the memory card. Check [About] (☒ [89](#)) for free space on the memory card, then delete unnecessary data (☒ [74](#)).

→ The Reader cannot transfer content to memory cards directly. Use Reader Library to transfer content.

A memory card cannot be recognized on the Reader or Reader Library.

→ If a memory card is formatted by your computer, it may become unusable on the Reader and Reader Library. When formatting a memory card, format it using the Reader (▶ [95](#)).

Content on a memory card cannot be deleted.

→ Unlock the erasure prevention switch if it is locked.

→ Uncheck the read-only attribute of content from your computer.

Precautions

Reader Disposal Reference

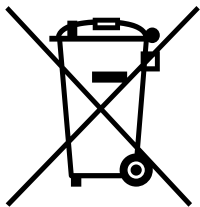
The built-in rechargeable battery of the Reader is recyclable. Do not remove the battery yourself, consult Sony Support Center (☎ [18](#)).



Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could

otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product. Applicable accessories: Headphones



Disposal of waste batteries (applicable in the European Union and other European countries with separate collection systems)

This symbol on the battery or on the packaging indicates that the battery provided with this product shall not be treated as household waste. On certain batteries this symbol might be used in combination with a chemical symbol. The chemical symbols for mercury (Hg) or lead (Pb) are added if the battery contains more

than 0.0005% mercury or 0.004% lead.

By ensuring these batteries are disposed of correctly, you will help prevent potentially negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling of the battery. The recycling of the materials will help to conserve natural resources.

In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only.

To ensure that the battery will be treated properly, hand over the product at end-of-life to the applicable collection point for the recycling of electrical and electronic equipment.

For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the applicable collection point for the recycling of waste batteries.

For more detailed information about recycling of this product or battery, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

Notice for customers: the following information is only applicable to equipment sold in countries applying EU directives

The manufacturer of this product is Sony Corporation, 1-7-1 Konan, Minato-ku, Tokyo, 108-0075 Japan. The Authorized Representative for EMC and product safety is Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany.

For any service or guarantee matters please refer to the addresses given in separate service or guarantee documents.

FCC Compliance Statement:

The following FCC statement applies only to the version of this model manufactured for sale in the USA.

Other versions may not comply with FCC technical regulations.

NOTE: 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.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

If you have any questions about this product:**Visit:**

www.sony.com/readersupport

Contact:

Sony "Digital Book Reader" Customer Support at

1-(866)-962-7669

Write:

Sony Customer Information Service Center

12451 Gateway Blvd., Fort Myers, FL 33913

Declaration of Conformity

Trade Name: SONY
Model No.: PRS-650
Responsible Party: Sony Electronics Inc.
Address: 16530 Via Esprillo, San Diego, CA 92127 U.S.A.
Telephone Number: 858-942-2230

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.

For customers in the USA and Canada

RECYCLING LITHIUM-ION BATTERIES

Lithium-ion batteries are recyclable.

You can help preserve our environment by returning your used rechargeable batteries to the collection and recycling location nearest you. For more information regarding recycling of rechargeable batteries, call toll free 1-800-822-8837, or visit <http://www.rbrc.org/>.



Caution: Do not handle damaged or leaking Lithium-ion batteries.

Owner's Record

The model and serial numbers are located on the rear side of the Reader. Record them in the space provided below. Refer to these numbers whenever you contact your Sony dealer regarding this product.

Model No. _____

Serial No. _____

Safety Information

- Recorded content is limited to private use only. Use of the content beyond this limit requires permission of the copyright holders.
- Sony is not responsible for incomplete recording/downloading or damaged data due to problems of the Reader or computer.
- Be sure not to short-circuit the terminals of the Reader with metallic objects.
- If part of the device that generates heat contacts your skin for a prolonged period, you may suffer from symptom of burn, such as redness, swelling, even if temperature is moderate. Avoid prolonged contact, especially if you have sensitive skin.
- Please do not drop, do not add excessive power.
- Never subject the Reader to extremes of light, temperature, moisture or vibration.
- Never wrap the Reader in anything when it is being used with the AC adapter. Heat build-up in the Reader may cause malfunction or damage.
- Do not put any heavy object on top of the Reader or apply a strong shock to the Reader. It may cause a malfunction or damage.
- Do not leave the Reader on an unstable surface.
- Do not expose the Reader to water. The Reader is not waterproof.
- Remember to follow the precautions below.
 - Be careful not to drop the Reader into a sink or other container filled with water.
 - Do not use the Reader in humid locations or bad weather, such as in the rain or snow.
 - Do not get the Reader wet.
If you touch the Reader with wet hands, or put the Reader in a damp article of clothing, the Reader may get wet and this may cause a malfunction.
- The screen is delicate and subject to cracking. Handle the Reader with care.
- Do not poke people using the supplied stylus.
- Do not treat or use the supplied stylus roughly, such as bending it, or scratching the touch screen with it.
- Use the supplied stylus only for touch screen operations.
- Do not use the stylus if it is damaged or deformed.
- If any objects are placed on the touch screen, it may cause a malfunction. When not in use, leave Reader in sleep mode, or shut it down.

- Do not put any cards such as cash cards or credit cards with magnetic coding near the magnet stored in the Reader. Otherwise, your cards may become impaired due to the magnetic effect.

On heat build-up

Heat may build up in the Reader while charging, or if it is used for an extended period of time.

On the headphone

Road Safety

Do not use headphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in many areas. It can also be potentially dangerous to play at a high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.

Preventing hearing damage

Avoid using the headphones at a high volume. Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce the volume or discontinue use.

Caring for others

Keep the volume at a moderate level. This will allow you to hear outside sounds and to be considerate to the people around you.

Warning

If lightning occurs while you are using the Reader, take off the headphones immediately.

For customers in France

MDR-E10LP

When replacing the headphones/earphones (not supplied), please choose the appropriate model of headphones/earphones for your device as indicated above.

At high volume, prolonged listening to the personal audio player can damage the user's hearing.



On software

- Copyright laws prohibit reproducing the software or the manual accompanying it in whole or in part, or renting the software without the permission of the copyright holder.
- In no event will SONY be liable for any financial damage, or loss of profits, including claims made by third parties, arising out of the use of the software supplied with this Reader.
- The software provided with this Reader cannot be used with equipment other than that which is so designated.
- Please note that, due to continued efforts to improve quality, software specifications may be changed without notice.
- Operation of this Reader with software other than that provided is not covered by the warranty.
- Depending on the types of the text and characters, the text shown on the Reader Library may not be displayed properly on device. This is due to:
 - The capacity of the Reader.
 - The Reader is not functioning normally.
 - Content information is written in the language or the character that is not supported by the Reader.
- The ability to display the languages on your Reader Library will depend on the OS installed on your computer. For better results, please ensure that the installed OS is compatible with the desired language you want to display.
 - We do not guarantee all the languages will be able to be displayed properly on your Reader Library.
 - User-created characters and some special characters may not be displayed.
- Explanations in this manual assume that you are familiar with the basic operations of Windows or Mac OS. For details on the use of your computer and operating system, please refer to the respective manuals.
- By updating the Reader device software, you can ensure your Reader has the latest features. The latest software updates can be performed from the update menu on Reader Library Help – “Check for Updates”.

About Pre-loaded Contents

Sample content is pre-installed in the Reader so that you can try them out right away. The pre-installed sample content is for the purpose of trial reading, viewing and listening.

Note

- If you delete pre-installed sample content, you cannot restore it, and Sony will not supply any replacement content.

On cleaning

- Clean the Reader with a soft cloth, such as a cleaning cloth for eyeglasses.
- If the Reader becomes very dirty, clean it with a soft cloth slightly moistened with water or a mild detergent solution.
- Do not use any type of abrasive pad, scouring powder, or solvent, such as alcohol or benzene, as it may mar the finish of the case.
- Clean the headphone plug periodically.
- Tapping or dragging on the touch screen using a dirty stylus may damage the surface. Wipe the stylus with a dry cloth when it gets dirty.

Notes on memory cards

Remove the memory slot protective card before inserting a memory card (optional). You can use the following memory cards with the Reader.

Memory Stick Duo™ media	Memory Stick Duo™ Memory Stick PRO Duo™ Memory Stick PRO-HG Duo™ Memory Stick Micro™
SD Card	SD Card SDHC Card

About Memory Stick Duo™ media

Memory Stick Duo™ is a compact-size IC recording media with a large capacity. It has been designed not only for exchanging/sharing digital data among Memory Stick Duo™ compliant products, but also for serving as a removable external storage media that can save data.

Notes

- Sony's Memory Stick Duo™ media of up to 32 GB has been tested to work with the Reader. But the proper operation on all types of the Memory Stick Duo™ media is not guaranteed.
- SD card of up to 32 GB has been tested to work with the Reader; however, not all SD cards are guaranteed to work.
- The M2™ Duo-size adapter must be attached to use Memory Stick Micro™ media in a slot for Memory Stick Duo™ media.
- The file system incorporated in the Memory Stick™ limits the capacity of a file to be transferred to less than 4GB.
- Data over 123MB cannot be recorded in a single session.
- Standard-size Memory Stick™ media cannot be used on this product
- The maximum number of songs that can be recorded in the Memory Stick PRO™ media is 65535.

About SD card

SD card complies with compact memory card standard and is commonly used as a storage media for digital still cameras.

Notes on handling memory cards

- Insert into the correct slot with the card's label side up until it clicks into place.
- The Reader does not comply with the following:
 - MagicGate™ standard*.
 - copyright protection of SD cards.
- * MagicGate™ is the collective name of content protection technologies developed by Sony.
- You cannot record or delete data stored in a memory card when its erasure prevention switch is locked.
- Keep a memory card in its case when you carry or store it.
- Do not touch the connector of a memory card with bare hands or metallic objects.
- Do not bend, drop, or subject a memory card to excessive shock.
- Do not disassemble or modify a memory card.
- Do not allow a memory card to get wet.

- Avoid the following to prevent data damage. Sony does not provide any guarantee for damaged data.
 - Do not remove a memory card or turn off the Reader while reading or writing data.
 - Do not operate the Reader in the location where static charge or electrical noise is present.
- Do not use a label other than the dedicated one in the label area.
- Do not use or store the Reader in a location subject to:
 - extreme high temperature, such as in a sun-heated car.
 - direct sunlight.
 - high humidity or places with corrosive substances.
- Do not insert an incompatible memory card, as it may cause malfunction.
- Do not use a deformed memory card or adapter.
- If you attempt to insert Memory Stick Micro™ media without attaching to an M2™ Duo-size adapter, it may become jammed.
- Do not remove a memory card from the media slot while data on the memory card is being edited. Otherwise, edited data will not be saved.
- Keep both memory cards and adapter out of reach of small children, to avoid accidental swallowing.
- If a format process is executed, all the files, even including write-protected image files, will be deleted.
- We recommend that important data be backed up. If you change or erase a folder name via PC, or move file to a folder other than “database”, there is a possibility that data recorded in a memory card might be lost or become unplayable by this product.

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Besides individually enjoying, it is against the copyright law to use any audio or picture you recorded without prior consent of the copyright holder. Accordingly, Memory Stick™ media with content protected image or data can be only used within the law.

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- MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and Thomson.
- This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>) Copyright© 1998-2008 The OpenSSL Project. All rights reserved. This product includes cryptographic software written by Eric Young (eay@cryptsoft.com). This product includes software written by Tim Hudson (tjh@cryptsoft.com). For details on OpenSSL License, refer to “END USER LICENSE AGREEMENT” in the book list on the Reader.

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Documentation ©2010 Sony Corporation

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busybox
dosfstools
freetype
intiscripts
kernel
linux-kernel-headers
make
MAKEDEV
modules
mtd
nandboot
procps
sourceryg++
tar
udev
util-linux

For the terms and conditions concerning GPL and LGPL, please refer to below. The source code for these software products is available on Sony's website. To download, please visit the following URL: <http://www.sony.net/Products/Linux/> Please note that Sony accepts no inquiries concerning the content of the source code.

For details on GNU GENERAL PUBLIC LICENSE, refer to "END USER LICENSE AGREEMENT" in the book list on the Reader.

Supported File Formats

The following file formats can be managed within Reader Library and transferred to your Reader.

Book

- EPUB file (.epub file extension)
EPUB (OPS version 2.0) supported
- PDF file (.pdf file extension)
Support is based on the PDF 1.6 specification.
- BBeB (.lrf or .lrx file extension)
- Text file (.txt file extension)
- RTF file (.rtf file extension)
- Word file (.doc or .docx file extension)*¹

*¹ In case of using Windows, you need Microsoft Word installed on your computer. Word files will be automatically converted to RTF files by Reader Library during transfer to your Reader or a compatible memory card.

Audio

- MP3 file (.mp3 file extension)

The following specifications should be met in order to import an MP3 file.

- Bit rate: 32 to 320 kbps
- Sampling frequency: 22.05, 44.1 kHz
- File must be unsecured.

- AAC file (.mp4, .m4a, .mov, or .qt file extension)

The following specifications should be met in order to import an AAC file.

- Bit rate: 40 to 320 kbps
- Sampling frequency: 24.0, 44.1, 48.0 kHz
- File must be unsecured.

Picture

- JPEG file (.jpg or .jpeg file extension)
- GIF file (.gif file extension)*
- PNG file (.png file extension)
- BMP file (.bmp file extension)

* For an animation GIF file, only the first frame will be shown.

System Requirements

Reader Library will work with the following operating systems.

OS	Description
Microsoft Windows 7 (32/64 bit)	Windows 7 Starter Windows 7 Home Basic Windows 7 Home Premium Windows 7 Professional Windows 7 Ultimate
Microsoft Windows Vista (32/64 bit)	Windows Vista Home Basic with Service Pack 2 or later Windows Vista Home Premium with Service Pack 2 or later Windows Vista Business with Service Pack 2 or later Windows Vista Ultimate with Service Pack 2 or later

OS	Description
Microsoft Windows XP (32 bit only)	Microsoft Windows XP Home Edition with Service Pack 3 or later Windows XP Professional with Service Pack 3 or later Windows XP Media Center Edition 2004 & 2005 with Service Pack 3 or later
Apple Macintosh (32 bit only)	Mac OS X version 10.6.3 or later Mac OS X version 10.5.8 or later Mac OS X version 10.4.11 or later
CPU	Windows: 800 MHz Celeron class processor or better Macintosh: Intel, PowerPC G3, G4 or G5 processor
RAM	128 MB or more (minimum 512 MB for Windows 7, Windows Vista)
Free space on hard disc	Windows: 100 MB or more Macintosh: 60 MB or more Depending on the content amount, more space may be required.

Monitor	High Color or more, 1024 × 768 pixels or more (True Color, 1280 × 1024 pixels, or more recommended)
Other devices	USB port (High-Speed USB Compatible), pointing device such as mouse or track pad

- Internet connection (broadband recommended, some fees may apply) is also required on your computer.
- Reader Library is not supported by the following environments:
 - An operating system other than those included above
 - Personally built computer or operating system
 - Multi-boot environment
 - Multi-monitor environment

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