**PocketBook** 

# **Basic Lux 4**

**User Manual** 

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# Safety Precautions

Before start working with the Device, please, read this section carefully. Following these instructions will help you ensure your safety and extend service life of the Device.

#### Storage, Carriage and Usage Conditions

Device operating temperature range is 0°C to 40°C, so don't expose the Device to excessively high or low temperatures. Never leave cables near heat sources. Heated cables or their insulation may become deformed or damaged, which could lead to fire or electric shock.

#### Try to avoid next impacts:

charaes

Electrostatic Excessive mechanical pressure

Strong electromaanetic fields

Direct sunlight UV electromaanetic radiation

Liquids or damn

Direct flame or smoke















#### Maintenance

- $\otimes$  Do not leave the Device for a long time in poorly ventilated environment, e.g. in a car or in closed tight boxes/packaging.
- ⊗ Neither drop nor try to bend the Device.
- Protect the screen from objects that may scratch or damage it. To ensure adequate protection of the screen, we recommend storing the Device in a protective and/or hard cover.
- igotimes Do not disassemble or modify the book reader.
- ⊗ Do not use the Device with a damaged battery or charger (broken case, poor contact, broken feed cable). If the battery is damaged (cracked case, leakage of electrolyte, off-shape etc.) it should be replaced by the authorized personnel. Usage of home-made or modified batteries may cause an explosion and/or damage the

- ⊗ Do not use organic or inorganic solvents (e.g. benzoyl etc.) to clean the screen/case.
- Use a soft cloth to remove dust from the Device's surface. Apply a few drops of distilled water to remove dirt.

Up to five faulty pixels are acceptable in the screen and do not constitute a warrantable defect of the screen.

If the device has not been used for a long time, the battery charge indicator may not work when the charger is connected. In this case, connect the charger, let the device charge for 1 hour, then disconnect and reconnect the charging device or USB cable. The device can then be used as normal.

By the end of product guarantee term, please contact the nearest authorized service facility for examination on the subject of security is maintained. For detailed information about service centres in your region please visit the official website: www.pocketbook.ch.

#### Warning

The screen of the device has a fragile glass base! To avoid damage, make sure not to drop, bend, or apply pressure to the device, do not allow point pressure on the screen surface and any other actions that might break or damage the glass base. Also, the screen does not have any special protective layer so please avoid any contact between its surface and objects that might leave marks or scratches on it. To decrease the risk of damaging the device and its screen it is recommended to keep and transport it in a Pocketbook protection cover.

#### RF Safety

The Device receives and transmits radio frequencies and may interfere with radio communications and other electronic equipment. If you use personal medical Devices (e.g. a pacemaker or hearing aid) please contact your doctor or the manufacturer to

learn whether or not such medical devices are protected against external RF signals.

Do not use wireless communication in places where it is prohibited, e.g. onboard a plane and in hospitals — this may affect airborne avionics or medical equipment.



#### Utilization

Incorrect disposal of this Device may have adverse impacts on the environment and public health. To

prevent such consequences follow the device-specific disposal requirements. Recycling of these materials helps preserve natural resources. For more information regarding recycling issues please contact local municipal authorities, your domestic waste collection service, store where you purchased the Device, or the authorized service centre.

Disposal of electric and electronic components (the Directive is applicable to the EU and other European countries where separate

waste disposal systems exist). In other countries dispose batteries accordingly to local laws.

Do not destroy the battery by burning it to avoid the danger of explosion.

# **Appearance**

- **1. Backward** in reading mode turns page backward.
- **2. Home** return to Main menu.
- **3. Forward** turns page forward.
- **4. Micro-USB** connect the Device to a PC or charge using USB-cable.
- 5. MicroSD slot to install external microSD/SDHC card (up to 128 GB (file system FAT32)).
- **6. On/Off** continuous press turns the Device on/off.



**NOTE**: You can configure key mapping to your own in *Settings > Personalize > Key mapping*. Navigation and page turning buttons mapping depends on screen orientation.

# **Technical Specifications**

Display 6" (15.24 cm) E Ink Carta™ Capacitive 758 × 1024 display, 212 dpi, B&W

Frontlight Yes

Processor Dual Core (2 × 1GHz)

RAM 512MB

Storage 8 GB \*

Operating system Linux® 3.10.65

Communications Micro USB (USB 2.0)

Wi-Fi (Single band 2.4GHz, 802.11 b/g/n)

Battery Li-Ion Pol, 1300 mAh

Cover sensor Yes

Memory slot microSD/SDHC up to 128 GB (FAT32)

ACSM, AZW, AZW3, CBR, CBZ, CHM, DJVU, DOC,

Book formats DOCX, EPUB(DRM), EPUB, FB2, FB2.ZIP, HTM, HTML. MOBI. PDF (DRM), PDF. PRC. RTF. TXT

Image formats JPEG, BMP, PNG, TIFF

**Dimensions**  $161.3 \times 108 \times 8 \text{ mm}$ 

Weight 155 a

<sup>\*</sup> The actual available internal storage size may vary depending on the software configuration of your device.

In this chapter you will learn how to prepare the Device to work and about its main control features.

#### CHARGING BATTERY

You can charge the battery from (1) PC using USB-cable or from (2) the power line using a charger (optional).



To charge the battery for the first time, do the following:

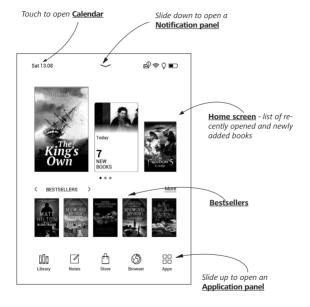
- Connect the Device to a computer or charger with USB-cable. The device will turn on as soon as charging starts.
- When the battery is fully charged, you can disconnect the cable from the Device which is ready for usage.

If the Device is on when you connect the cable to PC, a dialog window asking to select action – PC link or Charge – will appear. Charging starts only if the appropriate mode was selected

#### **DEVICE MANAGEMENT**

Turn on	Press <b>On/Off</b> button. When the Device is ready to operate, Main menu or last opened book will appear, depending on settings.	
Turn off	Press and hold <b>On/Off</b> button for about two seconds until the Device goes off.	
Lock	You can lock your Device in three ways:  1. Press On/Off button. 2. Invoke Task Manager. Touch icon (a) to block your Device. 3. You can set automatic key lock or power off: go to Settings > Saving Power > Power off after or Lock device after, and set the idle time before power off or locking Device.	
Unlock	Press <b>On/Off</b> button.	
Restart	In case your device 'freezes' (doesn't respond to pressing buttons, tapping keys or touching the screen) you can restart it. To do this, press the <b>On/Off</b> button for 10-12 seconds. Then, turn on the device in the usual way.	
Task Manager	You can invoke Task Manager in two ways:  • by touching at the notification bar icon; • by continuous press on the Home button.  Task Manager gives quick access to some Device control features: • close running applications: press X against an application in the list. • If Lock Device. To unlock, press On/Off button. • Open wireless connections list. • Take a screenshot. • Turn off the Device.	

#### MAIN MENU OVERVIEW



#### **Notification panel**

Touch or slide down the icon — to open a *Notification* panel.



Notification panel gives an easy access to configuration of <u>Wi-Fi, Task Manager, Flight Mode, Sync, DARKmode</u> of network services and <u>Frontlight</u>.

#### **GESTURES**

**CAUTION!** Touch screen of the Device is sensitive enough and is a fragile detail. To avoid its damage, please, touch it carefully while controlling the Device with gestures.

#### Tap

Opens an element (book, file, folder application or menu item).



#### Touch & hold

Opens context menu of an element (if available).



#### Slide

Turns pages of a book or a list; moves an image: slide your finger across the screen.



#### Flick

Scrolls lists: move your finger across the screen rapidly.



#### Scaling

Changes the image scale: place two fingers on a screen and pinch them together to zoom out or spread them apart to zoom in.



#### WORKING WITH ON-SCREEN KEYBOARD

On-screen keyboard is used when it's necessary to enter text information, for example, for search or network connection credentials.

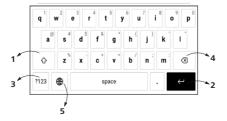
To type a character, tap a dedicated button. To type a special character, long press a dedicated button. Select the required special character in the drop-down list.

To switch from alphabet to numeric keyboard, tap 27123. To

To add a new keyboard language, go to Settings > Languages > Keyboard layouts.

To switch to a different keyboard language, tap \_\_\_\_\_\_. The selected language is displayed on the spacebar.

If necessary, you can enable/disable the preview of special characters in the top-right corner of the keyboard. To do so, go to Settings > Languages > Keyboard layouts > Key shortcut preview.

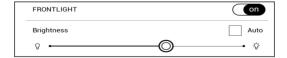


- 1. Change case;
- 2. Enter the typed text;
- 3. Switching keyboard modes;
- 4. Erase last typed symbol;
- 5. Change input language.

As you type a password (e.g. Wi-Fi credentials) icon will appear on a text field. Touch it to see typed symbols.

#### **FRONTLIGHT**

Also you can adjust the frontlight level using the slider in the notification bar.



You can adjust the **Frontlight** brightness of your display by tapping the **Frontlight** brightness icons respectively. The brightness and colour temperature are raised/lowered by one per cent per tap.

#### CONNECTING TO THE INTERNET

The Device can be connected to the Internet using Wi-Fi networks. When you open an application that requires an Internet connection (eg, *Browser* or *BookStore*) Wi-Fi connection is established automatically. If a known network is not available, the list of available wireless connections opens. If the network to which you want to connect is secured, enter the network password using the onscreen keyboard.

Also, Wi-Fi connection can be *enabled/disabled* by clicking the icon on the notification panel. If a known network is available, the connection is established automatically, otherwise - opens a list of available networks.

#### **Advanced Settings**

If it is needed to configure network settings manually select *Settings > Wi-Fi*, go to the selected network and click *More...* at the bottom of the screen:

- You can change IP address configuration:
  - DHCP get IP address automatically (if DHCP server is configured);
  - Manual (for skilled users) enter networks parameters manually from the on-screen keyboard.
- If the network you need to connect to has a proxy server, you can specify its parameters in *Proxy configura*tion section.

#### Connection to a hidden network

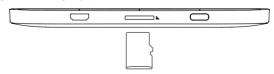
- 1. Select Settings > Wi-Fi
- **2.** Open *Connection to a hidden network* and enter its SSID from the on-screen keyboard in the *Network name* (SSID) field.
  - 3. Select security type in the corresponding list:
    - None for an open network;

• Simple (WEP) – after you select this option, you will need to specify WEP Authentication type – Open System or Shared Key either.

- WPA/WPA2 PSK you will need to enter network key (up to 64 symbols).
- **4.** To check network configuration and connect to a network, return to the *Connection to hidden network* section and press *Connect*.

#### INSERTING MICRO SD CARD

The Device already has 8 GB of internal storage, but you can extend it by using micro SD card (up to 128 GB (file system FAT32)). Insert it to the slot, like it is shown on a figure, and slightly push until card will be fixed.



To eject the card, slightly press on its edge until it will be unfixed, and pull it to get.

**ATTENTION!** If your SD card get stuck, do not try to eject it by yourself and immediately call Customer Support.

For more information about formatting the SD card, see the *Maintenance* section.

In this section, you can review the applications installed on your device.

The default home screen contains four applications:

- Library;
- · Notes;
- Store
- Browser.

Other apps are available in the application menu. To open the application menu, click on the icon  $^{\square}$ .

To move, replace, or delete apps in the Main menu, use the context menu.



#### III LIBRARY

Library is e-books file manager, which allows to group, sort, change appearance of the section and perform search. Read more about this app at *Library*.

# <sup>△</sup> STORE

The Store application provides access to high-quality licensed content at the PocketBook bookstore portal from your device. You just need an active Internet connection to use the app.

To access all of the PocketBook portal features, you will need to log in to an existing account or create one. In order to authorize a current account or to register a new one, enter the authorization center and click on "Login / Create Account."



Then follow the onscreen instructions. If the connection to the account has been set up correctly, you will have access to all of the PocketBook portal features.

In order to manage the account, the following sections are available in the *Personal Account*:



- My purchases a list of purchased goods.
- Wish List a list of desired books.
- Book language select the language for the displayed books.
- Choose Store select from the available Pocket-Book stores.
  - Settings general settings menu.
  - Log out log out of the account.

To purchase the selected product, click Buy. Afterward, a window with a list of available payment options will appear. Choose the one that suits you and provide payment.

The purchased file will appear in the "My purchases" section, where you can download it at any time. When the download is complete, the file will be moved to the Library> Downloads folder and appear on the Recent Events wall of the Main menu.

# 🕲 BROWSER

This is an application for viewing web-pages. As you start Browser, you are suggested to connect to one of available wireless networks.

To enter website address, touch address bar, type an address from on-screen keyboard appeared and press *Enter*. To follow a link, just touch it. If a web-page doesn't fit

a screen, you can scroll it: place your finger on the screen and move a page. Also, you can change scale of a web-page using zooming gestures (pinch or spread two fingers). Hardware buttons Are used to scroll page vertically: scrolls down and scrolls up, respectively.



From browser menu you can view history of visited websites, downloads, favorites, adjust scale of displaying webpages, rotate a screen and configure the browser from *Settings* section. Under *Settings* you can clear history and cookies, disable/enable JavaScript and loading images.

To exit Browser, touch the corresponding item in browser menu.



The Notes application shows a list of books that contain notes as well as the notes themselves made in these books. These can be selected text fragments, pencil notes, screenshots, translation notes made using a dictionary while reading as well as comments on these selected fragments. The application can also be used to export or import notes.

On the main screen of the application. tapping long on a book with notes, a context menu will open that allows you to open the book, export or delete notes or select several books with notes for further group actions on

the notes of selected books.



The Notes Menu allows you to sort, export and change the display of notes made in the book.

#### 1. Filtering

To filter notes select the icon = .

Notes are filtered by the following categories:

- · All Notes;
- Highlights;
- Comments;
- Screenshots;
- Pencil Notes;
- · Translation Notes;



#### 2. Sorting

Depending on the selected option, books with notes can be sorted by the following categories:

- · Most recent first;
- By title (A Z);
- By author (A Z);
- By number of notes.

To sort notes, select the icon  $\overline{\mathbb{R}}$ , or tap on the icon  $^{\circ\circ}$ , and select *Sort by*.

In the menu that opens, notes can be sorted by the following categories:

- By page 1 99;
- *By page 99 1;*
- Newest first;
- · Oldest first.

# SORT BY By page: 1—99 By page: 99—1 Newest first Oldest first

#### 3. Exporting notes

To export notes, tap on the icon  $\stackrel{\frown}{\Box}$ , and select a note. To select all notes tap  $\bigcirc$ , then tap *Export notes*. You can also export multiple notes using the long-tap gesture on the note and select *Select multiple...* > *Select action* > *Export notes* in the window that opens, specify the path for the export and tap on *Export*. By default, exported notes appear in the Library in the Notes folder.

By tapping long on a note, a context menu will open, in which the following options are available:

- Rename quote;
- · Edit comment;
- Delete comment;
- Delete note;
- Select multiple...

Rename quote

Edit comment

Delete comment

Delete note

Select Multiple...

You can also change the font size of notes in the Notes App. To do this, tap on the icon  $A^{\pm}$ , and use the slider to select the required size.

To add or edit a comment to a note, select the note you are interested in and use the long-tap gesture, select the desired action in the window that opens, add or change the text of the comment, and tap on *Save*.

#### **GENERAL**

#### Calendar & Clock

Opens current month calendar and clock. Navigation Allows turning over a calendar. The button returns you to the current month. Read about date and time setting in Date/Time manual's chapter.

#### **Calculator**

Engineering calculator supports a wide range of mathematical operations, such as different numeric systems, trigonometric, logarithm, power and logical operations.

## Gallery

Opens Library in the mode of viewing images (downloaded to the folder *Gallery*). The opened photo is displayed in a full-screen mode. To set a photo as *Power-off Logo*, to *Rotate* or view *Information* about it, touch the full-screen image to switch to the editing mode and press menu sign ≡ in the right

top corner of the screen. In the editing mode you can zoom a photo by zooming gestures and set the selected area as a logo.

# Photo Frame

The Photo Frame application allows you to view photos and pictures downloaded to your device in the Slideshow mode.

To create a new playlist, go to *Applications > Photo Frame* > *New Playlist*, enter a name for the playlist using the onscreen keyboard, and choose *Continue*. Select the photos that will be in this Playlist, then choose *Create Playlist*.

To add new photos to an existing playlist, open the playlist, tap on the icon  $^+$ , select photos, and choose Add Photos.

You may also use the long touch gesture on the playlist, select *Add photos to playlist* in the context menu that opens. Using this menu, you may also rename the playlist or delete it

To start the slideshow, tap on the icon  $\odot$  or open the playlist and tap Play.

To remove photos from a playlist, open it with a long touch gesture on a photo, open the context menu, and select *Delete*.

You can set up slideshow playback by tapping on the icon ; located in the upper right corner of the screen. If you want to do it directly in the slideshow playback mode, you can tap in the middle of the screen. This will bring up a menu where you can go to the slideshow settings.

Change picture every... — set the time after which the next photo will be played.

*Picture created date* — allows you to display the date of creation of the photo on the displayed photo.

Current Date & Time — allows you to display the current date and time on the displayed photo.

Shuffle — randomly shuffles photos in the playlist.

Display mode — allows you to set the method of playing photos in full screen mode, filling the entire screen of the Device with an image, or playing it on a black background.



# RSS News

Epplication for adding and reading RSS feeds. To add RSS news feeds, open RSS setup. Select the Add RSS feed option. Enter the feed address using the on-screen keyboard.

To delete the feed, select it, open the context menu and select *Delete* command or press the *Recycle bin* icon  $\hat{\mathbf{u}}$ .

To edit the feed, select it, open the context menu and select Fdit name or Fdit URL command. Edit the RSS feed name or address using the on-screen keyboard.

To update feed, select *Update* in the application menu. Updated content is added to the file with .hrss extension. and the file will be accessible for reading after updating.

The news downloading status is displayed while updating. After the update file is available for reading off-line using the browser

To read latest feeds, select Read the latest news option in the application's menu. The latest downloaded RSS feed updates open in browser.

News Archive: by selecting this option you can choose to read the previously stored updating RSS feeds.

### GAMES



### Klondike

Classic solitaire



## **Sudoku**

Popular Japanese puzzle. Press on an empty cell to select it. After that you can input in the selected cell the digit

you think should be in the cell or set labels — digits that you suggest may be in the cell. Digits and labels should be chosen from the bottom selection panel.



You can play versus your friend or the Device. If you are playing against the Device, you can select 10 difficulty levels.

# Scribble

Application for drawing. To select the drawing tool, use the application control panel:

Text: select the position and size of the text box. Text is entered with the on-screen keyboard;

A<sup>I</sup> Font: change font and its size;

Pencil: a tool for drawing thin lines;

Eraser: a tool for removing lines and text;

Back: cancel the last operation;

New: start new drawing;

To save a picture, touch icon. The current picture will be saved to the *My Pictures* folder in the root folder of the Device. In addition, *Scribble* application is used for editing graphic notes.

### **SERVICES**

# **⊗** Dropbox PocketBook

DropBox application allows to download files, added to Dropbox from any computer or any Device with installed Dropbox app or from the <u>Dropbox website</u>, to your Device. And you do not need to install anything to your Pocket-Book, it is enough to authorize in the service.

# How to start using

1. Register in the Dropbox service (www.dropbox.com);

**2.** Input your Dropbox account data (email address and password) on your PocketBook Device in the section *Settings > Accounts and Synchronization > Dropbox > Login* to authorize Dropbox. (The Wi-Fi connection should be on, otherwise you will be asked to turn it on);

**3.** After successful authorization, the *Dropbox PocketBook* sync folder will be created in the Library of the Device. The *Application > Dropbox PocketBook* directory will show up in your Dropbox account, and after synchronization it will be available from other devices with Dropbox.

**NOTE:** The application on your device will have access only to files in the *Application > Dropbox PocketBook* folder on the server.

## How to synchronize

Automatically:

**1.** Files, added to the directory *Application > Drop-box PocketBook* on the server and to the sync folder on

your Device, will be automatically synchronized when the internet connection is on.

**2.** All synchronized files will be downloaded to the sync folder in the Library (by default, *Dropbox PocketBook* is the sync folder, but you can change it in *Settings > Accounts and Synchronization > Dropbox > Sync folder*).

# Manually:

- **1.** To synchronize all content in sync folders, in *Settings* choose 'Accounts and Synchronization > Dropbox > Synchronize files now', or in the Library choose 'Synchronize files now' in the context menu of the sync folder.
- **2.** After synchronization all obtained files will be also available in the sync folder in the Library on the Device.

# Send-to-PocketBook

Send-to-PocketBook allows to send files to the email address of your Device. Sent books will be automatically downloaded to your Device, if the Wi-Fi is turned on.

# How to start using

**1.** Register for the Send-to-PocketBook service, for this purpose do the following:

- · Launch application:
  - from the Applications > Send-to-PocketBook section;
  - or from Settings > Accounts and Synchronization > Send-to-PocketBook.

**NOTE:** The Wi-Fi connection should be on, otherwise you will be asked to turn it on.

- In the opened wizard enter your contact email address and password.
- The email with the activation link will be sent to the specified address. Follow this link to receive the email address of your Device (for example, <u>username@pbsync.com</u>).

**NOTE:** The contact email address is used only for the authorization of the application, and the service address of the Device

<u>username@pbsync.com</u> is used for sending books to it, if you want them to be downloaded to your Device. The email address of your Device can only be in the @pbsync.com domain.

**2.** After activation update the registration wizard on the Device. After that all applications features will be available for you, and the download folder for received books will be created in the library — *SendToPb*.

## How to get files

Automatically:

- **1.** Files, sent to the service email address of your Device, will be automatically downloaded to the download folder in the Device Library, when the internet connection is on. Download folder is available after authorization from the locations:
  - Applications > Send-to-PocketBook;
- Settings > Accounts and synchronizations > Sendto-PocketBook > Go to folder of the context menu of the Download folder;

- Library > SendToPb.
- **2.** By default, 'Send-to-PocketBook' is the download folder, but you can change it at registration or in the Settings > Accounts and synchronization > Send-to-PocketBook > Download folder section.

# Manually:

To update the content of the download folder, in *Settings* choose *Accounts and synchronization > Send-to-Pocket-Book > Receive files now*.

Received files will be also available in the download folder in the Library of the Device.

### The list of trusted senders

Documents can be downloaded on the Device, if they are sent from the address, contained in the 'white list' (a list of the trusted senders).

The address, specified at registration, is contained in the list by default.

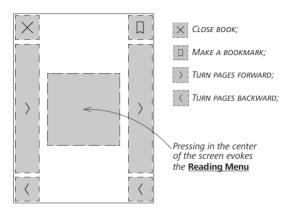
If the mail is sent to your Device from the unknown address, you will receive the letter with a proposal to add a sender to the 'white list'. After your confirmation you will receive files from the added address to your Device. Thus, spam won't get on the Device.

# **Reading Books**

In this chapter you will learn how to read e-books and configure reader software for the most comfortable reading. The Device supports next book formats: ACSM, CBZ, CHM, DJVU, DOC, DOCX, EPUB, EPUB (DRM), FB2, FB2.ZIP, HTM, TXT, HTML, MOBI, PDF, PDF (DRM), PRC, RTF, AZW, AZW3.

To open a book, touch its icon on *Recent Books* or *Library* section. If you opened a book before, it will be opened at the page you've finished reading. In some book formats (e.g. fb2 or ePub) after opening a book reader application will count pages – this is indicated with '...' sign instead of a page count in a status bar. During page calculation some features will not be available.

#### **GESTURES IN READING MODE**







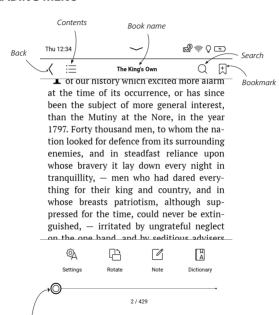


# Scaling





### READING MENU



Pull the slider to turn pages or touch the page number to input the digits of needed page

# ADJUST FRONTLIGHT BRIGHTNESS IN READING MODE

You can adjust the Frontlight brightness a using gestures.

To change brightness without leaving your book, just swipe your finger across the screen as shown in the illustration.

If the Frontlight automatic adjustment mode is enabled, then the device will ask if you want to disable it and configure the set-



tings manually, without interrupting your reading.

## **≔** CONTENTS

If a book has table of contents, you can open it by selecting the corresponding reading menu item.

Content section contains four insets:

- Sections (book's chapters names);
- · Bookmarks (made during reading);
- Notes (graphic or text):
- Book Info.

If table of contents has more then one level, higher level entry will be marked with '+' sign – touch it to expand. '+' sign will be changed to '-' – touch it to collapse.

To open contents menu touch and hold your finger on the screen. Using the menu you can open contents entry, edit or delete notes and bookmarks.

In addition, you can expand or collapse all the table of contents entries.

# **♯** BOOKMARKS

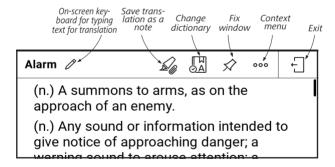
To create a bookmark, touch right top corner of the screen. A dog ear mark will appear. To delete a bookmark, touch this mark again and confirm deletion.

Also you can add/remove bookmarks by selecting the corresponding reading menu item. All the bookmarks are displayed in book contents.



# **DICTIONARY**

Touch and hold a word to open a panel allowing you to search for translation using one of installed dictionaries or find a word in Google. Also after selecting Dictionary item, a window with dictionary entry of a selected word appears. Next tools are available:



Do the following to download new dictionaries to your device:

- 1. Click the "Change Dictionary" icon;
- In the newly opened window, click "Add New Dictionaries...";
  - 3. Select a dictionary and click "Download".

If desired, the translation and context of the word selected in the book in the Dictionary mode can be saved as a note.

To do this, tap on the icon  $\mathcal{A}$ . The saved translation becomes available in the Notes in the table of contents.

For quick access to the saved translation, you can also use the icon  $\square$  displayed on the left side of the book page.

With the help of the context menu, which can be opened by a long touch on the icon  $\square$ , it is possible to manually

change the translation, edit the context, delete the saved translation or context and delete this note.

In the dictionary panel there is also an opportunity to configure how the translation of a word will be saved as a note.

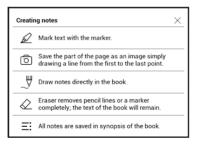
To do this tap on the icon \*\*\* on the dictionary panel, go to Save translation as note, and select the desired option in the menu that opens to save the translation and context in notes

Save translation as a ne	ote
Only translated wo	rd
Translated word as	nd translation
Translated word as	nd context
Translated word, tr	anslation, context



Notes allows you to save favorite book fragments and make handwritten records directly in the text. All the notes will be displayed in book's table of contents. To enter notes mode, select Note reading menu section.

After you will enter Notes, a tooltip window will appear.



Saved notes can be sorted or filtered for convenience in the Notes section of the table of contents.

To sort notes, tap on the icon  $\Rightarrow$  in the upper right corner of the screen and select the desired option in the context menu that opens.

To filter notes, tap on the icon  $\equiv$  in the upper right corner of the screen.

Using the context menu that opens, notes can be filtered by parameters:

- All notes,
- Highlights,
- Comments,
- · Screenshots,
- · Pencils,
- Translations.

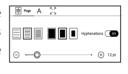
# SETTINGS

In this section you can find out how to configure your reading settings for different book formats. You can also learn about all the available options and features in this menu.

## EPUB, FB2, etc.

To configure EPUB, TXT, FB2, DOC and other text format books, open the Reading menu and select *Settings*.

Page tab - you can choose line spacing, font size, margins width and also enable or disable hyphenation.



Font tab - use this tab to select font size and font style.



Screen tab - you can enable or disable page numbering, the status bar and set how the pages are numbered



Built-in page numbering displays the number of pages in the book's original layout. One page can cover one or several screens, depending on reading settings.

If the function is disabled, the numbering will display the number of screens. It may take a while to calculate the number of screens when you first open the book, or after the reading settings have been changed. The number of screens won't be calculated again whenever the book is opened after this.

# PDF & DjVu

You can change only the whole page scale only (except *Reflow* mode for PDF).

Pinch two fingers together to zoom out or spread them apart to zoom in.

Under *Mode* reading menu section you can zoom pages or select viewing mode:

- **1.** Scroll mode this mode continuously "glues" the pages together. In Scroll mode, book pages are scrolled up and down with a drag gesture;
  - 2. Whole page one page scaling;
- **3.** Columns for reading books with columns. To navigate the page use navigation buttons. A page will be turned after bottom edge of the sheet reached;
- **4.** Reflow in this mode text is formatted to display completely on the screen. Reflow mode is supported for PDF books only. Some tables and pictures cannot be displayed in the Reflow mode;
- **5.** *Margins cropping* allows to decrease margins width or height:
  - off turn off margins cropping;

- automatic margins will be cropped automatically;
- manual move arrow buttons to set margins width and heigth of margins.
- **6.** *Display* turn on or turn off the fullscreen mode during reading:
  - Pages turn on or turn off pages numbering;
- Status bar turn on or turn off the display of status bar during reading.
- Pages left until the end of the chapter shows the number of pages left until the end of a section or chapter
- Page edges shows the border of the part of the page that was displayed on the previous screen by a barely noticeable dotted line.

**NOTE:** This device can display books using different reading programs. Long press on a book in the Library or on the desktop to select a program. You can also select the program in the reading settings. You can open EPUB files with PB Reader (EPUB2/EPUB3); PDF files can be opened with PB Reader (quick) and PB Reader

(universal). If you are not happy with the playback quality, long press on a book in the Library, on the desktop, or in the reading settings to change the playback software.

Adjustment tab - Contrast, brightness and gamma are automatically adjusted when you first open a book. In this tab, you can adjust these settings to your preference.

You can also set up touch gestures in the Reading mode. To do this, go to *Settings > Personalize > Gestures in reading mode*.

More information about gesture settings can be found in the *Personalization* section.

### **FOLLOWING LINKS**

To follow a footnote, internal or external link, touch to enter links mode. To exit this mode, touch top left corner of the screen.

If a link follows to a web-site, it will be opened with Device built-in browser. To return to reading, press *Exit* in Browser menu.

### LOADING FILES

Connect the Device to the PC using microUSB cable.

NOTE: The Device should be kept on while transferring files.

You will be prompted to select USB mode: *PC Link* or *Charge* either. Select *PC Link*. Operating system of computer will detect Device's storage as removable disk. Now

you can copy files to the Device using Explorer or other file manager.

**ATTENTION!** After copying files safely remove the Device before disconnect the cable!

# Downloading protected e-books (Adobe DRM)

Registration at <u>www.adobe.com</u> is required to use e-books in protected format (*Sign in > Create an Adobe Account*).

## Download via \*.acsm

1. Visit www.adobe.com via your browser.

**NOTE:** the current version of your browser on the Device does not support Flash Player.

- 2. Open Menu > Products > All products.
- **3.** Follow the link *Digital Editions* in the alphabetical index of products.

- Open Visit the sample eBook library at the bottom of the page to enter the library.
  - 5. Choose a book and click Download item.
- **6.** A download window will appear on the screen. The file name should contain the name of the book and the file extension *acsm*. Click Save
- **7.** After the file is saved on your PC, a link as URLLink. acsm will appear.

**NOTE**: The same sequence of actions allows downloading a link to a protected book from any online bookstore.

Do the following to open a protected (DRM) book on the Device:

- **1.** Copy the file of the link to a book (\*.acsm) to your Device.
  - 2. Find and open the file on your Device.
- **3.** Follow the on-screen instructions to activate your Device. To do this, use the on-screen keyboard to enter the

login and password of your account on <a href="www.adobe.com">www.adobe.com</a> into the *Device Activation* form. Then you will be able to download the book.

**4.** Download the book. After the download is complete, a full version of the book will be available for reading in the *Digital Edition* folder.

The downloaded book is protected (DRM) and cannot be opened by a non-registered user.

### Download books via PC

**1.** Open the Adobe Digital Editions application.

**NOTE:** When connecting your Device to PC for the first time, *Adobe Digital Editions* prompts you to activate the new device. Use your registration data at <a href="https://www.adobe.com">www.adobe.com</a> for this. If the Device is not activated, it will be impossible to copy a book from PC to device using *Adobe Digital Editions*. Authorization of *Adobe Digital* 

Edition can be deleted in section Settings > Service > Delete ADE authorization.

- 2. Select the Go to library view icon.
- 3. Click All items.
- 4. Choose a book and copy it to your Device.

# Sync your device with network services

You can also upload files to the Device synchronizing device memory with personal accounts of network services - Send-to-PocketBook, PocketBook Cloud and Dropbox.

### Variant 1

- Open Settings > Accounts and Synchronization;
- Select the appropriate network service (Send-to-PocketBook, PocketBook Cloud or Dropbox);
  - · Select the synchronization option.

For detailed information about work with network services see sections <u>Send-to-PocketBook</u>, <u>PocketBook Cloud</u> and <u>Dropbox PocketBook</u>. Read more about configuring network services at the section <u>Accounts and Synchronization</u>. Synchronization status can be viewed on the <u>Notification panel</u>.

During uploading or downloading files an animated icon  $\Im$  displays at the status bar. Touch the icon to open a window with the synchronization status of all services.



The icon in the status bar changes to !5 if the error occurred during synchronization of one of the services. If all synchronization processes are completed without errors, the icon in the status bar disappears.

# **LIBRARY**

Library is e-books file manager. Library menu allows to filter, group, sort, change appearance of the section and perform search.

# 1. Grouping criteria

Depending on selected criterion books are grouping by:

- All Books;
- · Authors;
- · Genres;
- Collections create your own shelves with books depending on your interests and preferences;
  - Favorites;
  - · Folders;
  - Formats;
  - · Series;
  - · PocketBook Cloud.



The results of grouping can be displayed as ascending (A-Z) or descending (Z-A).

	Name A → Z
	Name Z → A
	File name $A \rightarrow Z$
	File name $Z \rightarrow A$
-	

# 2. Sorting criteria

- By opening date;
- By addition date;
- By title;
- By author.

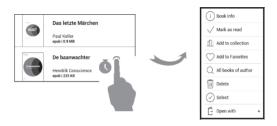


## 3. Books list views

- Simple in this mode the cover icon of the book is displayed.
- **Detailed** in this mode there's added author, titele, thumbnails, information about file format and size, read percentage.
- List in this mode next information is displayed:
- · Folder or book icon;
- · Book title and author name (if known);
- Read percentage and Read status.

#### Context menu...

...opened by continuous touch...



...and allows proceeding with next file and folder operations:

- · Book Info brief information about book/folder;
  - · Mark as read;
  - Add to Collection;
  - Add to Favorites;
  - All books of author;
  - · Delete;
  - · Select multiple choice of files;
  - · Open with.

#### PocketBook Cloud

You can read your books on different devices and be confident that all your books, favorites, collections and reading progress will be saved. You can access your books from any device logged into your PocketBook Cloud account.



**NOTE:** PocketBook Cloud stores files in PDF, PDF (DRM), EPUB, EPUB DRM, DJVU, FB2, FB2.ZIP, DOC, DOCX, RTF, PRC, TXT, CHM, HTM, HTML, MOBI, ACSM, AZW, AZW3 formats. However, syncing reading position is currently only available for PDF, EPUB, Fb2 formats.

### How to sign in

You can sign into the *PocketBook Cloud* service through a website, the PocketBook Reader mobile app (for Android and IOS) or from your PocketBook e-ink reader.

When you first set up your Device, you will be asked to sign into your *PocketBook Cloud* account or, if possible, you will be automatically registered.

If you have skipped this step, a prompt to sign in to your *PocketBook Cloud* account will appear in the notification panel.

### To sign in:

- **1.** Tap on this notification or go to *Settings > Accounts and Synchronization > PocketBook Cloud*.
- **2.** You will be redirected to the login form, where you can sign in using your bookstore account or you can tap on *Don't have an account? Create!* link.

- **3.** A list of partners bookstores will open in the **Browser** app. To continue, choose one of the suggested bookstores by tapping on its name.
- 4. You will be redirected to the partner's bookstore website. Go to the Sign in form and follow the instructions to create a new account.
- **5.** Then go back to *Settings* > *Accounts and Synchronization* > *PocketBook Cloud* and enter the account credentials you used to create your partner's bookstore account and tap *Log in*.

### Sync process

Your book list and reading position automatically sync when you:

- log into your PocketBook Cloud account,
- · open a book,
- · close a book,
- · add to a Collection / remove from a Collection,
- add to Favorites / remove from Favorites.

To force synchronization, click on the sync icon  $\mathcal{Z}$  on the notification panel.

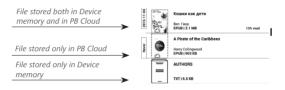
If your Device isn't connected to the internet, you will only have access to the books which are already on your Device. Once the device is connected to the internet all your books will be synced.

If an error occurred during synchronization, please check your internet connection. If your internet connection is working, try to sync your books later.

### Working with files

- File storage. A dotted frame line around the book on the PocketBook e-ink reader means that the book has not been loaded yet to the device's memory and is only stored in your PocketBook Cloud account.
- Uploading new books. You can upload new books to your PocketBook Cloud via website, PocketBook eink reader or Android/IOS PocketBook Reader app. After

synchronization, all new books are automatically stored in your *PocketBook Cloud* account. The book will be automatically uploaded to your *PocketBook Cloud* after you open the book on your Device, or you can choose *Upload to PB Cloud* option in the context menu.



• Deleting books. Use the context menu to remove a book from PocketBook Cloud. There are two options — Delete (from the device's memory) and Remove from Cloud. If the file is stored on PocketBook Cloud and is only deleted from the device's memory, it will appear again after the next synchronization. If the file was deleted from the Cloud, it cannot be restored.

In this chapter you will learn how configure the interface and software features of the Device for the most comfortable usage. Select *Settings* at "Notification panel" to configure the Device. All changes will be applied after exiting the section.

### 🤶 WI-FI

In this section you can set parameters needed for network connection.-

*Network access* — **on** or **off**. After network access activation, the following settings appear:

- Connection to hidden networks read more in the <u>Connecting to the Internet</u> section of this manual.
- Available Networks a list of available networks.
   Choose one of them and you'll see parameters of this connection: Network name (SSID), signal strength, security, IP-address, network mask, main gateway, DNS.

**NOTE**: If Scanning is displayed instead of *Available Networks*, it means that Device is searching for available networks.

# **ACCOUNTS AND SYNCHRONIZATION**

**PocketBook Store.** You can use your PocketBook Store account to log in to any of the PocketBook services.

**Book Store** — in this section you can enter *Login* and *Password* for authorization in the *Book Store*.

**Send-to-PocketBook** — the following options are available:

- PocketBook account: your account email.
- Login/Log out: if you are not authorized in the application, input your contact email address and password, to authorize. If you are authorized, the email, to which you can send books, is displayed. You can logout Send-to-PocketBook.

 Receive files now: The content of the Download folder will be updated. Before update, please, check if your Device is connected to the Internet.

- Receive files automatically: On or Off. Files, sent
  to the Device address <u>username@pbsync.com</u>, will be automatically updated in the download folder, if Wi-Fi connection is on. You can turn off automatic receiving files to
  optimize the Device productivity.
- Download folder: location of received files. The Send-to-PocketBook folder is set by default. You can choose any other folder or create a new one in the internal Device storage.
  - About service more detailed about service.

**Dropbox** — In this section the following options are available:

Login/Log out: if you are not authorized in the application, input your Dropbox account data to authorize. If you are authorized, then you can logout Dropbox.

 Synchronize Now: Files in the Sync folder and Pocketbook device directory will be synced. Before syncing files, please check if your Device is connected to the Internet and is linked to the proper Dropbox account

- About Service more information about the service. Autosync: Turn On or Off auto synchronization. The service is turned on automatically at the authorization, so Dropbox will automatically sync files, if Wi-Fi connection is on. You can turn off autosync to optimize the Device productivity.
- Sync Folder: location of synced files. You can also move files to Sync folder, if you want to sync them with Dropbox Pocketbook directory on the server. The Dropbox PocketBook folder on the Device is set by default. You can choose another folder or create a new one in the internal Device storage.
  - About Service more detailed about service.

### Adobe DRM

To authorize, input your *Login* (e-mail address) and *Pass-word*. When you are authorized, your login and *Remove-Adobe DRM Authorization* item are displayed. After removing all protected DRM documents will be unavailable.

**PocketBook Cloud** — In this section the following options are available:

- Login/Log out: if you are not signed into the application, enter your PocketBook Cloud account data to log in. If you are signed in, then you can log out.
- Sync Now: Files in the Download folder and Pocketbook device directory will be synced. Before syncing files, check if your Device is connected to the internet and is linked to the correct PocketBook Cloud account.
- Download Folder: the location of synced files. You can choose another folder or create a new one in the internal Device storage.

# PERSONALIZE

**Logos** — the image will be displayed when the Device is off. You can set a cover of the last opened book by setting book cover.

**NOTE:** You can also set your own picture as a logo from the *Gallery* application. Read about it in the *Gallery* section.

**The DARKmode** changes the background and design of the e-book into a dark colour. This can help to prevent eye strain when reading in the dark.

To enable the DARKmode, go to *Settings > Personalize > Frontlight & DARKmode* or open the notification panel and select the icon &.

In the settings, you may also enable the inversion of illustrations in the Reading App in the DARKmode. This can be helpful when reading technical literature that contains drawings, diagrams etc., which mostly have a light background.

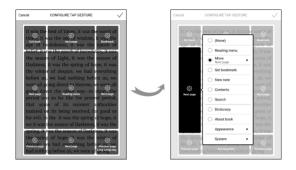
**LED indication** — you can turn on or off an LED indicator. The LED indicator is on if the device processor is active and off if the device processor switches to the sleep mode to save power.

When connecting to a charger or a PC via a USB port, the LED indicator of the device is on when the battery is charging and turns off when charging completes.

### Gestures in Reading Mode:

Configure tap gesture — allows you to customize touch gestures for individual areas of the screen in Reading mode. In the menu that opens, tap on the desired zone. Now, select the required function choosing from the context menu.

Confirm your choice by tapping on the icon  $\checkmark$ .



Swipe in Reading mode — allows you to customize swipe from right to left, swipe from left to right, swipe from bottom to top, swipe from top to bottom.

Select the desired Swipe gesture, and in the context menu that opens, select the desired setting for this gesture.



Drag in Reading mode — allows you to customize the drag gesture on the left and right edges of the screen.

The following options are available in the settings:

- Frontlight;
- · Voice volume;
- · Font size.

**Complete Page Refresh.** Select the amount of page turned before the screen will be updated completely. *Always* item provides the best quality, but consumes the most power. Less frequency may cause some artifacts from previous pages on a screen.

Open at Startup last opened book or main menu.

**User Profiles** can be configured. Each profile stores individual books' status, last opened books, bookmarks, notes, favorites and pre-configured network connections.

To add new profile, open the corresponding item. You will be suggested to set destination (local memory) and to enter the name from on-screen keyboard. After this current abovementioned parameters will be stored at this profile. To activate profile open the one you need. In profile context menu you can change avatar, rename or delete profile.

## C'LANGUAGES

**Language.** Select the Device's interface language.

**Keyboard Layouts.** Under this section you can add up to 3 keyboard layouts.

# DATE/TIME

In this section you will be able to set date, time, time zone and clock format. You can also *Synchronize Time* or set *Auto Time Sync* to use the network time/date.

## () SAVING POWER

Here you can see battery level and set parameters, which help to save battery charge:

- · Battery Percentage;
- Auto screen lock set time of idleness, after which the Device is locked: off, 5 min, 10 min.
- Power off after set time of idleness, after which the Device power off: 10, 20, 30 or 60 minutes.

# MAINTENANCE

**USB Mode** — set how the Device handles USB connection by default: *PC link, Charge* **or** *Ask when connected.* 

### **Privacy**

Protect Configurations by Password — in this section you can protect your setting by password. Select Set Password section and type the password from on-screen keyboard.

Now each time you try to enter *Settings* section, you will be asked to enter the password. You can remove or change password by selecting the corresponding item. To proceed, you will be asked to enter the password once more.

**Factory Reset** – the Device state will be reset to factory default settings, erasing user settings. Other data (e.g. books, photos) won't be lost;

**Demo mode** - switching demo mode for the Device. To activate demonstration mode check *On* in the *Demo mode* item.

## **⊌** SOFTWARE

**Software Version** - the current version of firmware is displayed.

**Software Update** – the Device will search for updates in the following order: internal storage and Internet.

Auto Update – turn on/off automatic check for updates.

## **ABOUT DEVICE**

The following information about Device will be displayed: **Device Model** (model, serial number, hardware platform, Wi-Fi MAC address),

**Memory** (operative memory, total and available internal memory):

Format Internal Memory – this action will erase all data, except system files.

**CAUTION!** If you need to erase all data on the Device, use this feature only, don't try to format the Device internal memory via PC.

Format SD card — this action will erase all data from the external microSD card.

To format the SD card select Settings > Maintenance > Format SD card

**Legal Information** – license and information about applications, used on the Device.

*Third-Party Apps* — license and information about third-party applications, used on the Device.

## Firmware Update

**WARNING!** Firmware Update is a responsible operation, during which management software of the Device will be changed. In case of improper execution control program may be damaged and will require treatment in the service centre. Please perform the upgrade procedure in accordance with the instructions below.

There are two ways to update the firmware.

### **Automatic Update**

To start automatic software update select Settings > Software > Software Update.

The Device will begin to check available update sources in the following order:

- · Internal memory;
- Internet

If default Internet connection is not set, the Device will ask to connect to one of available wireless networks.

Also you can activate the automatic updates check (*Settings* > *Software* > *Auto Update*). In this case, the Device will use Wi-Fi connection only.

### **Manual Update**

- 1. Open site www.pocketbook.ch. Select your country.
- Click the Support button on top menu. Select hardware model of your Device.
  - 3. Download the Firmware to your PC.
- **4.** Unpack the content of the archive, file SWUPDATE. BIN, and copy it to the root folder of internal Device storage.
  - Switch off the Device by pressing button On/Off.
- 6. Press and hold the Forward and Backward buttons simultaneously, then switch on the device without releasing the Forward/Backward buttons!
- **7.** Hold the Forward/Backward buttons until the message "Firmware update..." appears on the screen.

**8.** Follow the on-screen instructions with pictures: connect USB cable to the Device and Press Menu Key

**NOTE:** You can check your Firmware version in *Main menu* > Settings > Software > Firmware Version

### Troubleshooting

Error Message	Reason	Correction Method
No upgrade image found	File SWUPDATE.BIN cannot be found on the card. Make sure the file is in the root folder of the card.	Delete some files from the Device and copy SWUPDATE.BIN file on it one more time. Repeat the download from www. pocketbook.ch.
Upgrade image is corrupted or Image is empty	SWUPDATE.BIN file is damaged or there is no space available on the card.	Delete some files from the Device and copy SWUPDATE.BIN file on it one more time. Repeat the download from www. pocketbook.ch.
File read error	Memory card error	Please contact service center
Error. A different firm- ware version is installed on the device	A firmware file of an older version is stored in the device internal memory.	Delete the old version of the firmware file from the Device's internal memory root folder

# **Troubleshooting**

Malfunction	Possible Reason	Solution
Device does not turn on or turns on but only the logo is loaded	Battery is low	Charge the battery
A book does not open - the message <i>Book is</i> probably damaged or pro- tected appears, or nothing happens at all	The book is damaged	If the book was down- loaded from the online store try to re-load it again. If the file opens on your PC, but does not open on the Device, save the book in another format (TXT, DOC, PDF).
Html book opens but is displayed incorrectly.  For example, there are empty pages, some part of the text is missing etc.	HTML-files contain non-text elements (frames, JAVA-scripts, flash-elements)	Save the page in TXT format
Book opens but various symbols, question marks etc. are displayed instead of letters	Incorrect encoding	Switch to reading mode, select <i>Settings</i> and change encoding
No response when you press any key	Sometimes (e.g., when downloading damaged or too large books) the Device may freeze	Close the frozen application by pressing $4$ keys simultaneously for 1–2 sec.

Malfunction	Possible Reason	Solution
After connection to PC disks are not displayed in Explorer	Your Device is in the bat- tery charging mode.	Check USB mode in Set- tings Main Menu item. Set Connection to PC or Ask at Connection
	No signal in connection cable	Check USB cable condition and its proper connec- tion to connector. Try to connect the USB-cable to another port
Bookmarks, settings and current position in file can- not be saved	File system damaged	Connect the device to a PC and check disks. To pro- ceed, open My Computer, right-click on the selected disk and select Properties > Service > Check Disk
	Internal memory is full	Delete books, images and/ or music files that you do not need
Battery discharges too fast	Disabled automatic turn- ing off	Settings > Date/Time in Main Menu. Select auto- matic turn off time in Auto Turn Off in item

# **Customer Support**

For detailed information about service centers in your country please use contacts below:



Deutschland	0-800-187-30-03
	0-800-183-39-70
Česko	800-701-307
France	0-805-080-277
Österreich	0-800-802-077
	0-800-281-770
Polska	0-800-141-01-12
Switzerland	0-800-898-720
ישראל	1-809-494-246
Україна	0-800-304-800



www.pocketbook.ch

help@pocketbook.ch

## **Compliance with International Standards**

Product name: PocketBook Basic Lux 4

Model number: PB618 Firmware version: 6.8

Rated input power: 5V/1A

Manufacturer: Pocketbook International SA. Crocicchio Cor-

togna 6, 6900, Lugano, Switzerland. Tel. 0800-187-3003. Made

in China

#### EU DECLARATION OF CONFORMITY



Pocketbook International SA (Crocicchio Cortogna 6, 6900 Lugano, Switzerland) hereby declares that the radio equipment in this product box corresponds to Directive 2014/53/EU. The full text of the EU declaration of conformity for the product in box is available at the following internet address:

https://pocketbook.ch/en-ch/declaration-of-conformity-pocketbook-readers



#### RF OUTPUT POWER

### WLAN & Bluetooth Output Power (dBm):

This device has been tested and meets applicable limits for Radio Frequency (RF) exposure.

The frequency and maximum transmitted power in EU are listed as bellows:

2412 - 2472MHz: 15.3 (WLAN 2.4G)

### WLAN 2.4G Transfer Rate (Mbps):

802.11b: 11 / 5.5 / 2 / 1

802.11g: 54 / 48 / 36 / 24 / 18 / 12 / 9 / 6

802.11n (20MHz) use 800 ns GI: 65 / 58.5 / 52 / 39 / 26 / 19.5 /

13 / 6.5 (MCS0~MCS7)

#### FCC



This device (FCC ID: 2AUVWPB618) 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.

15.21 Information to the user. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 15.105 Information for the user.

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 interference to radio communications. However, there is no quarantee 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.
- Connecting the equipment to a socket on a circuit different from that to which the receiver is connected.
  - Contact with the provider or a radio TV technician for help.

#### SAR

The exposure standards for wireless devices employ a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC/IC is 1.6 W/kg. The SAR limit recommended by the Council of the European Union is 2.0 W/kg. The SAR limit required by the ANFR (member DAS) is 4.0 W/kg. This device's maximum SAR value is well below the FCC/IC and EU limits with specific measurements shown in the below table.

FCC / IC	Max SAR Value (W/kg)	
1.6	<b>0,220</b> 1-g Body (Separation distance of 0mm)	
EU / ACMA	Max SAR Value (W/kg)	
2.0	<b>0,356</b> 10-g Body (Separation distance of 0 mm)	

EU / ANFR	Max SAR Value (W/kg)
4,0	<b>0,356</b> 10-g Body (Separation distance of 0 mm)

This device was tested for typical operations of use on the body, with the back of the **PB618** at 0mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a distance of 0mm between the user's body and the back of the **PB618**.

**IMPORTANT:** Changes or modifications to this product not authorized could void the EMC and wireless compliance and negate your authority to operate the product. This product has demonstrated EMC compliance under conditions that included the use of compliant peripheral devices and shielded cables between system components. It is important that you use compliant peripheral devices and shielded cables between system components to reduce the possibility of causing interference to radios, televisions, and other electronic devices.

