

PocketBook

Release Notes

InkPad 2TM

FW Version	5.20.706
Localization	WW

May 21, 2019

Firmware: 5.20.706 (May 21, 2019)

Implemented:

1. Improved reading experience thanks to the new *PocketBook Reader* application. This new embedded application uses the same render engine as the PocketBook applications for Android and iOS. The book opening and paging speed have been significantly increased. The new application supports most of the recent reading technologies.
2. More convenient reading settings menu. From now, users can easily change fonts and font style using appropriate separate *UI* controls. The reading status menu can be configured directly from the *Reading program*, too.
3. Caching of previously opened pages in the reading program, so that when reopening a book the opening speed increases.
4. Ability to adjust the frontlight brightness using gestures.
5. More convenient zooming of pages with a pinch-to-zoom gesture in *PDF, DjVu*-formatted books.
6. Adding of a page numbering option to the reading settings menu:
When the "*Built-in page numbering*" option is ON, the reading program displays the number of pages according to the book's original layout. One page can cover one or more screens, depending on the reading settings. If this 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 again.
7. Enhanced *Notes* mode for pencil notes. Users can now change the pencil thickness, handle a number of different pencil notes on one page, add comments to pencil notes, perform *UnDo* and *ReDo* actions. The eraser tool can now delete even small parts of a single pencil line (while in previous firmware the eraser tool could only remove the whole pencil drawing).
8. Ability to operate with previously done notes directly in reading mode, for this purpose left to notes drawing the corresponding icon is displayed. The context menu with the list of actions on this note is displayed on "long tap" on this icon.
9. More convenient operating with text blocks whose boundaries are located on different screens. From now to set the text block boundary which is located on the next page, a user should move the slider to the right bottom corner of the screen and wait for a half

of second – the page will turn to the next one automatically. The same is for setting text block boundary on the previous page – for this case, a user should move the slider to the top left corner and wait for a half of second.

10. Enhanced screenshot tool – from now users have got an opportunity to adjust the borders of a screenshot and to review screenshots which were done before in a separate pop-up window.

11. Option to choose how to work with *PDF* books: the *Quick* or *Universal* method. Users make this choice in the *Open* with a context menu, which opens by a long press on the book in the *Library*. The choice users make for each book is saved by the system and then used whenever the book is reopened. The *Quick* method is used by default, and for most books, it displays the correct layout. However, for books with more complicated layouts or *Adobe DRM*-protected books, the *Universal* method should be used instead.

12. The new design of the Reading-with-a-Dictionary mode. Now users can read with in-book dictionary access in two ways:

a) Quick translation of any word using a long press in the book's text. With this method, the dictionary works like in previous versions. When the dictionary is not needed anymore the user can close the window by tapping on the corresponding button in the top-right.

b) The new Reading-with-a-Dictionary mode. This mode can be activated in the *Reader* settings menu. In this mode, users can quickly open the dictionary by tapping on a word, then hide the dictionary by tapping anywhere else on the screen. Also, when users need to refer to the dictionary more often, they can use the Freeze dictionary window function and divide the device's screen into two areas: the reading area and the dictionary. This mode will be permanently active until the user pushes *Exit* in the top-right corner of the dictionary window.

13. From now users can change the font size of vocabulary entries by "pinch-to-zoom" gesture.

14. Book summaries displayed for *EPUB* books in the Book Information menu, as well as in the context menu opened by a long press on the book in the *Library*.

15. Support of two new formats: *CBR* and *CBZ*. This addition makes it possible to read comic books.

16. Automatic scaling of illustrations depending on the screen size in *FB2*-formatted books.

17. Book opening speed increased.

New Text-to-Speech Menu Design

1. Design improvements.
2. The text being read by the *TTS* service is now underlined.
3. The *TTS* playback speed adjustment is now more convenient.
4. The *TTS* menu can now be minimized during playback to not cover the text.
5. New *TTS* voices can now be installed directly from the *TTS* menu of the e-reader.

New Audio Books application

1. A new *Audio Books* app has been added to the firmware. From now users can easily collect and listen to audio books in the following formats: *.M4A*, *.M4B*, *.OGG*, AND *.MP3*. In addition, the *Audio Books* app supports audio books in containers (*.MP3.ZIP*, *.ZIP*).
2. The *Audio Books* app can also operate with sets of audio book files located in one directory.

New Audio Player application

1. The user interface of the *Audio Player* application has been significantly reworked. From now on, this application can scan the filesystem of the device for music files and organize them in the media center. Audio tracks may be grouped by albums, genres, performers and folders.
2. More convenient playlist management system.
3. Possibility to control the playback speed.
4. Possibility to adjust the volume between the frequency range zones using the integrated equalizer.

New design of Notes application

1. Due to the new design, the *Notes* application provides a more convenient way to work with all the notes, which were done on a corresponding e-reader: from now, it is possible to review all the books list which contain notes, review these notes, rename them, add or edit comments to these notes, remove not needed notes directly from this application.
2. The *Notes* application has got the functionality of export and import of notes.
3. The result of the export procedure is an *html* file, which can be opened and reviewed on any electronic device, for example on PC. These notes files can be imported to any other PocketBook E-Ink reader, which has firmware 5.20 or later, moreover, these notes files can be imported to PocketBook application on Android or iOS.

New Browser application

1. Due to the new web engine, the new *Browser* application provides a significantly increased browsing speed, also a new *Browser* application has got a new user interface. The new web engine meets all modern requirements supporting major WEB technologies such as *HTML5*, *Java Script*, *CSS3* and others. From now, web pages will be opened more quickly and will be displayed in the most convenient way. This enhancement significantly expands the opportunities for Internet browsing.
2. Now users can download web pages directly from the *Browser* app to read them offline later. This is very comfortable when reading extensive web pages.
3. The new search function now enables users to search through web pages, no matter if they search for single words or phrases.
4. The new *Browser* application offers advanced options such as zoom factor, gamma correction, download folder and some security settings. Moreover, the new *Browser* app has got fields autofill function and ability to control data of these fields. So, using all the new features of the new *Browser*, the users will be able to adjust the appearance of web pages to achieve maximum comfort of reading.

PocketBook Cloud

1. Synchronization of bookmarks and notes with *Cloud* and other devices connected to the same *PocketBook Cloud* account (PocketBook application for Android and iOS).
2. PocketBook Cloud service integration with Bookland store.

Library app

1. Adding of a list view in the *Library*.
2. Enhancements of the metadata search algorithms in the *Library*.
3. More precise book list sorting in the *Library*.
4. Fixed the problem of occasional incorrect sorting in the *By Folder* group in *Library*.
5. Removed excessive page refreshing (blinking) of the *Library* screen.
6. Fixed the problem of incorrect display of some special characters in series names in the *Library*.
7. Fixed the problem of incorrect display of some Chinese symbols in books titles.
8. Fixed the problem of possible incorrect display of covers of certain books in *EPUB* format.
9. Fixed the problem of possible incorrect display of books list when sorting by addition date.
10. Fixed the problem of not displaying books covers of certain books in *FB2* format.

Dropbox service improvements

1. Update of *Dropbox* service to v.2.
2. Fixed malfunctions in synchronization of large files in *Dropbox*.
3. Fixed possible device freezing when changing folders in *Dropbox*.
4. Fixed possible device freezing while authorizing in *Dropbox*.

Other improvements

1. Optimization of the device boot process, providing shorter boot time of the device after switching-on.
2. Option to select reading applications (or reading modes) in the context menu accessed by a long press on the book in the Library depending on the settings in the extensions.*cfg* user file.
3. Rework of *Settings* app items list, hiding unneeded system files from the *Library* app.
4. The *DjVu* scanner added. So, from now the covers of *DjVu* formatted books will be displayed in Library app and Book Info menu of Reading program.
5. Moved system info and legal information from *Library* app to *Settings* menu.
6. Tagging loaned books by a certain label in *Library* and *Desktop* applications, possibility to return borrowed books by a corresponding item in the context menu in *Library*.
7. Support of *WPA2 Enterprise* authorization mode when connecting to Wi-Fi added.
8. Slovenian localization added.
9. Some wording enhancements.

Removed Features

1. Removed programs *Adobe Viewer*, *FbReader*, *DjVu Viewer*, which were used for the appropriate formats. The new reading program is universal and is used for all formats now.
2. The *PocketBook Sync* service has been removed from the PocketBook Inkpad 2 firmware. The *PocketBook Cloud* service completely covers the functionality of the *PocketBook Sync* service.
3. The feature to share quotes on Facebook has been removed due to the corresponding feature being removed from this social network.