

Release notes for current firmware release

Release Notes - Firmware V5: 2024-06-27

Highlights

Update to Firmware 2024 June 27th includes the following:

Several improvements to the web interface and embosser

- **Liblouis 3.30.0 is now used for text-to-braille translation.**
 - [More info on what is new in liblouis can be found here.](#)
- **Web interface improvements**
 - Page break support for Index Braille and Print PDF functionality.
 - Added Unicode support for Index Braille and Print PDF functionality.
 - Added use of display name for legacy table in preview, under document settings.
 - Improvements and fixes for the legacy preview for RAW files.
 - Allow sending to print files that do not use the Index Braille 6dot legacy table from the web interface.
- **Embosser improvements**
 - Fixed printing issue of the last braille dot line.
 - Fixed paper length errors when using large custom papers.
 - Fixed issues with the output from the PDF parser for Arabic language.
 - Removed the blank last page when printing PDF files or when printing from Linux / MacOS.

Details on Hotfix Release Firmware V5: 2024-06-27

Bug Fixes

- Fixed web interface crash on preview of files containing BT parameter. (FW2-5474)

Details on Release Firmware V5: 2024-06-25

New functionality

- Added Unicode support for the Index Braille and Print PDF functionality so that it supports all languages. (FW2-5440)
- Added use of legacy table display name under document settings in preview. (FW2-5441)
- Increased custom paper size limits to support larger paper sizes. (FW2-5452)
- Allow sending to print RAW files that don't use the Index Braille 6dot legacy table. (FW2-5458)

Bug Fixes

- Fixed an issue causing the page breaks to be ignored on the PDF for Braille and Ink. (FW2-5439)
- Fixed page splitting and text formatting on the legacy preview. (FW2-5447)
- Fixed preview of floating dot graphic files that don't have an ESC D sequence. (FW2-5450)
- Fixed paper length not being set correctly for custom papers when using the format orientation parameter. (FW2-5451)
- Fixed last braille dot line printing issue. (FW2-5454)
- Fixed last braille character missing on each page in legacy preview. (FW2-5459)
- Fixed the output of the Arabic text from the PDF parser. (FW2-5465)
- Removed the blank last page when printing PDF files or sending to print from Linux / MacOS. (FW2-5465)
- Removed directional characters from the PDF parser output. (FW2-5466)

Highlights

Update to Firmware 2024 April 2nd includes the following:

Several improvements to the web interface and embosser

- **Liblouis 3.29.0 is now used for text-to-braille translation.**
 - [More info on what is new in liblouis can be found here.](#)
- **Web interface improvements**
 - Added translation for Dutch.
 - Added support for text mode in preview with undo functionality for tables that don't support back-translation.
 - Translation for Portuguese (Brazil) has been updated.
 - Fixed an issue causing the paper size confirmation dialog for labels to not appear.
 - The legacy braille tables are now displayed using their display name in the active layout parameters table.
 - Legacy preview for raw type files has been improved.
 - Fixed label formatting so that when using capital letters and numbers text will be reformatted to remain in the available area.
 - Fixed raw file parameter validation for preview and print.
 - Raw file previewing has more parameter details and corrected dot area representation.
 - Fixed formatting issues when switching text modes in preview.
 - Improved text mode switching and undo functionality.
 - Added Print button for the preview text for Braille and Ink and warnings for tables without back translation.
 - Fixed some Liblouis tables displaying as "not specified" in the braille layout table.
 - Fixed an issue for the select list of "Multiple Impact" when editing the layout.

- **Embosser improvements**

- Implemented display name support for legacy tables so now they are listed in a more legible way.
- Added support for unpartitioned USB media devices.
- Translation for Portuguese (Brazil) has been updated.
- Fixed an issue causing the flash to become corrupted in some cases.
- Whole inch values are now localized.
- Fixed issues causing some text files to not be processed and embossed.
- Distributor layouts for Saudi Arabia have been updated.
- Added support for hammer batch 2350.
- Fixed last braille dot line being printed on the same line as the previous one.
- Added maintain formatting support for PDF documents.
- Updated the Danish 2022 standard legacy tables.
- Fixed formatting of documents sent to print from Linux and Mac devices using the driver.
- Fixed IPC errors after firmware update.
- Printing speed improvements.
- Fixed last page printed on the wrong side of the paper in Sideways Z-Folding print mode.
- Fixed transparency counter issues.

- **Update improvements**

- Added confirmation message used for upcoming major firmware changes.

Details on Hotfix Release Firmware V5: 2024-04-02

New functionality

- Added warning for tables that don't support back translation when saving a file as PDF for Braille and Ink. (FW2-5434)
- Added Print button for PDF file used for Braille and Ink. (FW2-5438)

Bug Fixes

- Fixed transparency counter issues. (FW2-5430)
- Fixed formatting issues when switching text modes in preview and improved text mode switching and undo functionality. (FW2-5432)
- Fixed last page printed on the wrong side of the paper in Sideways Z-Folding print mode. (FW2-5433)
- Fixed display name issues for some Liblouis tables that displayed as "not specified" on the braille layout table.
- Fixed an issues causing the "Multiple Impact" select list to have duplicate options while editing the layout. (FW2-5431)

Details on Hotfix Release Firmware V5: 2024-02-29

New functionality

- Added maintain formatting support for PDF documents. (FW2-5417)
- Updated the Danish 2022 standard legacy tables. (FW2-5419)

Bug Fixes

- Fixed formatting of documents sent to print from Linux and Mac devices using the driver. (FW2-5416)
- Fixed IPC errors after firmware update. (FW2-5418)
- Fixed last two braille dot lines being printed on a single line on different board models and printing speeds. (FW2-5420)
- Fixed slow printing speed on 1366 boards when using multiple impact. (FW2-5421)

Details on Hotfix Release Firmware V5: 2024-02-20

New functionality

- Added Dutch translation for the web interface. (FW2-5353)
- Added support for text mode in preview with undo functionality for tables that don't support back-translation. (FW2-5346, FW2-5360, FW2-5361, FW2-5362)
- Added support for display names for legacy braille tables for listing them in a more legible way. (FW2-5323, FW2-5347, FW2-5348, FW2-5349)
- Added support for USB media devices without partitions. (FW2-5365, FW2-5366)
- Improved the label editor by reformatting the text to fit in the available area when using capital letters and numbers. (FW2-5373)
- Implemented a spoken confirmation message for future major firmware upgrades. (FW2-5375, FW2-5386)
- Implemented a validation at boot and recovery for wrong parameter values caused by corrupted flash. (FW2-5381)
- Speech translations for Portuguese (Brazil) have been updated. (FW2-5385)
- Web interface translations for Portuguese (Brazil) have been updated. (FW2-5385)
- Legacy and Liblouis tables are now displayed using the display name in the active layout parameter table. (FW2-5388)
- Added ESC C parameter for controlling the throw-out speed for BrailleBox V5. (FW2-5397)
- Implemented text reformatting for the legacy preview used by raw type files. (FW2-5398, FW2-5399)
- Added support for text files with csv type content. (FW2-5401)
- Improved page formatting for legacy preview. (FW2-5402)
- Legacy preview now uses the file parameters for the dot area representation. (FW2-5403)
- Added support for more document parameters to the legacy preview. (FW2-5406)
- Updated distributor layouts for Saudi Arabia. (FW2-5405)
- Added support for hammer batch 2350. (FW2-5407)
- Increased throw out speed limit for BrailleBox V5. (FW2-5411)

Bug Fixes

- Fixed an issue causing a transparency counter error when sending to print from preview page on the web interface. (FW2-5357)
- Fixed an issue causing the browser to hang when sending to print or saving file from preview page on the web interface. (FW2-5371)
- Fixed an issue causing the flash to become corrupted in some cases. (FW2-5380)
- Fixed an issue causing the text to be missing when opening a label file ".ibl". (FW2-5382)
- Whole inch values are now localized. (FW2-5383)
- Fixed an issue causing the paper size confirmation dialog for label to not appear. (FW2-5387)
- Fixed an issue causing files containing special characters in the file name to not be processed and embossed. (FW2-5389)
- Fixed throw-out handling of the last paper in document for BrailleBox V5. (FW2-5391)
- Fixed formatting issues for ".ipf" files. (FW2-5392, FW2-5394)
- Fixed ESC parameters validation for raw files containing paper related parameters. (FW2-5404)
- Fixed last two braille dot lines being printed on a single line when embossing speed is set to low. (FW2-5412)