### **Highlights**

Firmware V5: 2019-10-15 includes:

**Several important new features for BrailleApp.**

* **Adjustable line spacing can now be selected from the wizard for layout.**
* **Improved robustness of the edit layout wizard. Modification of parameters now result in correct updating of layout settings.**
* **A printing status dialog is now shown when printing documents.**
	+ **This also works with ranges.**
* **An update status dialog is now shown when an update is in progress.**
* **Added information button about current paper in Print, Braille Layout and wizard for layout pages.**
* **Show MAC address for Wi-Fi, Bluetooth and Wired Network in the Communication page.**
* **Added volume page number to the preview of a document.**
* **Improved robustness of the preview of a document, including paste, undo and redo functionality.**
* **Added back support for MIT Ascii preview.**
	+ **The preview now has three modes: Braille, MIT Ascii and Text.**

**Improvements to the embosser.**

* **Liblouis 3.11.0 is now used for the text-to-braille translation.**
	+ [More info here on what is new in Liblouis 3.11.0.](http://www.humanware.com/Site/Files/a/06cc20404d351cbaa2520fcd0d5adc3/64c601255ff6273192926748933d371e/Liblouis%20Release%203.11.0%20docx.docx)
* **Support for BES file format.**
	+ **BES is one of the most popular Japanese braille formats.**
* **Implemented generic speed-up for Romeo 60 and Juliet 120 models.**
* **Add new high-speed draft mode for Romeo 60 and Juliet 120 models.**
	+ **Requires hammer batch 1842 or greater and M4 print processor.**
* **Adjustable line spacing is now selectable from the menu.**
* **The embosser now echoes the IP address when you plug in the network cable.**
* **The embosser will speak out if a key is pressed while Lock mode is active.**
	+ **Lock mode is active when the BrailleApp is performing editing of layouts.**
* **Updating from internet will speak out if there is no active internet connection.**
	+ **Updating from the USB memory will now discover if there is no update package available.**
* **Performance improvements for speech feedback.**
* **When printing multiple documents, it is now possible to instruct the embosser to wait for a key press before continuing with the next document.**
	+ **This feature needs to be selected in the menu first.**
* **Added distributor layouts for Finland.**
* **Added new distributor default for Voice System.**
* **Added distributor defaults for Czech-Spektra.**

### **Known Issues affecting the BrailleApp (will be fixed in later release)**

* Documents larger than 4MB results in an error from the uploader

### **Details on Firmware V5: 2019-10-15**

### **New Functionality and Improvements**

* Verify connection with wired network (FW2-1102)
* Upgrade from internet NOT available if there is NO network connection (FW2-1221)
* Printing demo files when the printer is set to Japanese 2.2 braille results in error. (FW2-1234)
* Cache speech sentences with speech service (FW2-2855)
* Implement draft speed (2500 Hz). (FW2-3203)
* Problem with the Duxbury formatting of content. (FW2-3349)
* Implemented speed-up for Romeo 60 and Juliet 120 models. (FW2-3460)
* Menu - Firmware upgrade from USB memory, handle NO file available (FW2-2028)
* Print one document, user action to print next (FW2-2697)
* Set network parameter with a command file (FW2-3017)
* Add Volume page number to preview (FW2-3268)
* Printing Active - show message box in BrailleApp (FW2-3269)
* Notify user in BrailleApp that an update is in progress (FW2-3325)
* Add information button about current paper (FW2-3337)
* BrailleApp / Communication / Show mac address (FW2-3338)
* Show MAC address for Bluetooth in BrailleApp. (FW2-3479)
* Embosser should speak out a message when locked by the BrailleApp (FW2-3339)
* Add distributor layouts for Finland (FW2-3352)
* Add distributor defaults for Czech-Spektra (FW-3583)
* Sort the distributor layouts in alphabetical order in restore dialog. (FW2-3377)
* Add new distributor default for Voice System (FW2-3455)
* Update Liblouis to release 3.11. (FW2-3461)
* Re-add MIT ASCII Braille support in the preview page. (FW2-3462)
* Page in preview is not constant (FW2-3487)
* If Range is specified for printing a file, the message box should show the range (FW2-3500)
* Improved the page dimension calculations in the preview of a document. (FW2-3487)
* Handle all states of update in the BrailleApp. (FW2-3432)
* Added message to notify the user when a new layout has been created. (FW2-3582)
* Added user\_defined\_5 legacy braille table for Spanish (FW2-3608)

### **Bug Fixes**

* Fixed bug that caused empty lines from beginning of page disappear when changing page in preview. (FW2-3443)
* Fixed bug that could cause offline update to fail. (FW2-3556)
* Fixed a bug that could cause a crash while navigating through Protected Service menu. (FW2-3518)
* Improve the speech feedback for the Wi-Fi menu in the embosser (FW2-3114)
* Fixed bug that caused layout information to not update in Braille Layout page. (FW2-3124)
* Fixed bug that sometimes caused reprogramming of slave. (FW2-1935)
* Fixed bug that would cause system crash on MENU - PRINT - PRINT TEST DOCUMENT - PRINT BRAILLE LAYOUT (FW2-2985)
* Fixed bug that would cause FanFold to not light "Out of Paper"-led light when you try to print without paper (FW2-3193)
* Fixed sentence duplicate for running update. (FW2-3243)
* Fixed bug that caused error when setting WiFi power from the panel (FW2-3266)
* Fixed bug that caused user defined tables appear in edit layout wizard only after a restart. (FW2-3351)
* Fixed distributor layouts that were out of date, which crashed the restore. (FW2-3354)
* Fixed bug that caused layout to be lost when embosser is restarting on Romeo 60 V5. (FW2-3361)
* Fixed bug that caused never ending loop if there is a mismatch of print processor firmware (FW2-3398)
* Fixed bug that caused printing labels to overlap the edge of the paper size. (FW2-3426)
* Removed user defined paper for BrailleBox as it is not valid for this model. (FW2-3429)
* Fixed bug that caused empty lines from beginning of page to disappear when changing page in preview (FW2-3443)
* Fixed bug that caused braille volume number to be embossed several times on the same page (FW2-3447)
* Fixed preview editing in Text mode for Android devices. (FW2-3469)
* Fixed bug that caused print previous document to not show the printing status. (FW2-3513
* Fixed bug that caused removed Liblouis tables to remain active in layouts and the printing failed silently (FW2-3504)
* Fixed bug that caused users to remain logged in after log out (FW2-3567)
* Fixed bug that caused preview paste to move the cursor incorrectly (FW2-3569)
* Fixed bug that caused preview Undo/Redo functionality to not work in all cases (FW2-3570)
* Fixed bug that caused preview switch into Text mode to fail. (FW2-3610)
* Fixed bug that caused page number to be lost on the first document printed from the BrailleApp (FW2-3579)
* Fixed Eiffeltower demofile format of paper (FW2-3577)
* Fixed bug that caused Add and Delete Layout buttons to become active in user mode (FW2-3606)

[download](http://support.humanware.com/index.php?Action=Page.Link&PageLink=6&ItemLink=4912&To=Site%2FFiles%2Fa%2F06cc20404d351cbaa2520fcd0d5adc3%2F4c7f067a1c38829734d37194f4283c0c%2Fembosser-update-2019-10-23.zip)