Index V5
Embosser manual

INDEX
B R A I L L E

Contents

1 Safety information

- Securely place the printer on a stable surface.
- Keep the ventilation inlets and outlets of the embosser free.
- Connect the embosser to a grounded power outlet only.
- Acoustic Hoods are recommended, for reducing noise level.
- BrailleBox is a class A product. In the unlikely event it causes radio interference, increase the distance between BrailleBox and the device.

1.1 Approvals

FCC Compliance

This device contains FCC ID: PVH0953

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected

Consult the dealer or an experienced radio/TV technician for help.

IC compliance

This device contains IC: 5325-0953

This device complies with Industry Canada license-exempt RSS standard(s).
Operation is subject to the following two conditions:
this device may not cause interference, and this device must accept any interference, including interference that may cause undesired operation of the device. Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication. The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems; the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall comply with the e.i.r.p. limit; and the maximum antenna gain permitted for devices in the band 5725-5825 MHz shall comply with the e.i.r.p. limits

Conformité aux normes d'IC
Cet appareil est conforme à la(aux) norme(s) RSS sans licence d'Industry Canada.
Son utilisation est soumise aux deux conditions suivantes :
Cet appareil ne doit pas causer d'interférences et il doit accepter toutes interférences reçues, y compris celles susceptibles d'avoir des effets indésirables sur son fonctionnement. Conformément aux réglementations d'Industry Canada, cet émetteur radio ne peut fonctionner qu'à l'aide d'une antenne dont le type et le gain maximal (ou minimal) ont été approuvés pour cet émetteur par Industry Canada. Pour réduire le risque d'interférences avec d'autres utilisateurs, il faut choisir le type d'antenne et son gain de telle sorte que la puissance isotrope rayonnée équivalente (p.i.r.e) ne soit pas supérieure à celle requise pour obtenir une communication satisfaisante. Le dispositif de fonctionnement dans la bande 5150-5250 MHz est réservé à une utilisation en intérieur pour réduire le risque d'interférences nuisibles à la co-canal systèmes mobiles par satellite, le gain d'antenne maximal autorisé pour les appareils dans les bandes 5250-5350 MHz et 5470-5725 MHz doit se conformer à la pire limite, et le gain d'antenne maximal autorisé pour les appareils dans la bande

5725-5825 MHz doivent être conformes avec le pire limites spécifiées à point-à-ponctuelles et non point-à-point de fonctionnement selon qu'il convient. Opération dans la bande 5600-5650 MHz n'est pas autorisée au Canada. Haute puissance radars sont désignés comme utilisateurs principaux (c.-à.utilisateurs prioritaires) des bandes 5250-5350 MHz et 5650-5850 MHz et que ces radars pourraient causer des interférences et / ou des dommages à dispositifs LAN-EL. Cet équipement respecte les limites d'exposition aux rayonnements IC RSS-102 définies pour un environnement non contrôlé. Il doit être installé et utilisé en maintenant une distance minimum de 20 cm entre le radiateur et votre corps.

Bloutooth Qualification

This device contains Bluetooth module qualified as "Controller system" - QD ID 58171

2 Index V5 embosser overview

2.1 Back lighted text on all models

Bluetooth, Wi-Fi, Network; Blinking when available, steady when connected
idB: Blinking during translation, lighted during printing with idB
UPDATE: Activated when the embosser is network connected. Lighted when an update is available and blinking during a firmware upgrade
PAPER JAM: Lighted when there is a paper jam
ERROR: Lighted when there is an error, press HELP for more info

2.2 Basic-D

1. Control panel
2. Lid
3. Speaker
4. Optical paper movement sensor
5. Optical paper edge sensor
6. Right tractor
7. Speaker
8. Tractor release lever
9. Left tractor
10. Paper rollers
11. Hole for transport lock
12. Ventilation inlet
13. Transport lock
14. Transport lock holder
15. Power input 48V DC
16. Wi-Fi and Bluetooth Antenna
17. USB 2.0 device port
18. Network port (100 MB)
19. USB host port
20. Ventilation outlet

2.2.1 LED feedback Basic-D

PAPER MOVE: Blinking when the paper is moving
PAPER EDGE: Lighted when the paper is in the front of the paper edge sensor
HEAD: Lighted when the print head is in the home position
FAN: Lighted when the fan is on
OUT OF PAPER: Lighted when there is no paper in the paper tractors

2.3   Everest-D

1. Control panel
2. Sheet feeder
3. Paper guides
4. Embossing head
5. Speaker
6. Optical paper edge sensor
7. Optical embossing head reference position sensor
8. Outer guides for adjusting paper out Profile Angle
9. Paper movement rollers
10. Inner guides to stabilize paper out ejection
11. Ventilation outlet
12. Electrical connectors
13. Switch to close/open the sheet feeder
14. Card/sheet selectors (right/left)
15. Locking levers for margin guides (right/left)
16. Left margin guide
17. Pick-up rollers
18. Right margin guide
19. Power input 48V DC
20. Wi-Fi and Bluetooth Antenna
21. USB 2.0 device port
22. Network port (100 MB)
23. USB host port

2.3.1   LED feedback Everest-D

PAPER IN: Lighted when the paper is in the front of the paper edge sensor
FEED: Lighted when the pick-up motor is on
HEAD: Lighted when the print head is in the home position
FAN: Lighted when the fan is on
OUT OF PAPER: Lighted when the paper pick-up was not successful

2.4   BrailleBox

1. Control panel
2. Optical sensor for service door
3. Optical sensor for braille tray
4. Braille tray
5. Braille stack guide
7. Paper tray
8. Bottom embossing head
9. Middle embossing head
10. Top embossing head
11. Paper rollers
12. Service door
13. Electrical connectors
14. Ventilation
15. Paper guides
16. Rear paper stop lever

2.4.1   LED feedback BrailleBox

PAPER IN: Lighted when paper has begun feeding and reaches the Paper-in Sensor
PAPER OUT: Lighted when the paper reaches the Paper-out Sensor
OUT OF PAPER: Lighted when the Paper Tray is empty
BRAILLE STACK: Lighted when the braille stack is too high
PAPER TRAY: Lighted when the Paper Tray is open
BRAILLE TRAY: Lighted when the Braille tray is open
SERVICE DOOR: Lighted when the front Service Door is open

2.4.2 Electrical connectors BrailleBox

BrailleBox

1. Power input 100-240V, 50-60 HZ, grounded outlet
2. Fuse 6,3 A/250V slow blow
3. Wi-Fi and Bluetooth Antenna
4. USB host port
5. Network port (100 MB)
6. USB 2.0 device port

3 Installation

3.1 Getting started

3.1.1 Unpacking of the embosser

Unpack the embosser gently and check the items. **Save the packing material and transport locks.** The two (2) year warranty on parts remains valid only if the embosser is transported in original packaging and transport locks are properly in place.

The following is included in shipment:
o Embosser
o User manual
o Index USB memory stick
o Power cord
o USB cord
o External power supply for Basic-D and Everest-D

Basic-D/ Everest-D and BrailleBox
o Power on the embosser (without connecting the USB cord)
o The "Wizard to remove transport locking" will start automatically
o Follow the wizard steps. When completed the embosser will re-start and is ready to be used.

BrailleBox pictures
1. Rubber seal
2. Transport box
3. Braille tray glass

4. Three print head transport locks

5. Storing the transport locks on the holders located on the side of the embosser tower

3.1.2 Speech feeback

The speech feedback uses English mode by default and may be changed into other languages from the control panel. Index embossers use Acapela synthetic speech in which supports the following languages; English (UK, US) Arabic, Catalan, Czech, Danish, Dutch, Faroese, Finnish, French, German, Greek, Italian, Japanese, Korean, Mandarin, Norwegian, Portuguese (Brazil, Portugal), Russian, Sami, Spanish, Swedish and Turkish.

English and Swedish are implemented first during the introduction of V5 embossers, additional local languages will be implemented in cooperation with the local Index Braille distributor.

3.1.3 Firmware upgrade

Index embosser may be upgraded to latest firmware free of charge. It is highly recommended to upgrade the firmware when installing a new Index V5 printer. The upgrade include bug fixes and new or improved functionality, please find detailed information in the V5_firmware_readme file at www.indexbraille.com

Upgrade via Internet connection
When the V5 embosser is connected to an IP port with connection or Wi-Fi to Internet it will automatically check for an upgrade. When the UPGRADE text is lighted, a new upgrade is available.
Start upgrade by selecting: Menu/ user service/ firmware upgrade/ Firmware upgrade from Internet/ OK to start

Upgrade via USB memory
o Download the latest V5 firmware from www.indexbraille.com / Support/ Download V5 Firmware
o Save the V5 firmware package to a USB memory stick
o Insert the USB memory into the V5 embosser
o Start upgrade by Menu/ user service/ firmware upgrade/ Firmware upgrade from USB memory stick/ OK to start

The UPGRADE text flashes during the upgrade process and voice feedback will activate. Do NOT power off the embosser during an upgrade. The upgrade process may take 5-15 minutes and is completed when the embosser automatically re-starts.

3.2   Index Braille printer driver

Index software and printer drivers for Index Braille embossers may be installed from the USB memory stick included in the shipment or by downloading from www.indexbraille.com.

3.2.1 Install to USB port

All Index embossers require the Index Braille printer driver to function properly. **Install the Index Braille printer driver on your computer before connecting the embosser to the USB device port.**

To find the **current version of the Index Braille printer driver** for your embosser, access the control panel in your computer. Select control panel/ Uninstall a program/ Index Braille Driver. The current version number is presented in the right hand column listed under versions.

Windows
Install Index printer driver 8.x or higher suitable for Windows XP, Vista, Win 7, Win 8, Win 10
- Close all applications on your PC
- Download Index Printer Driver 8.x or higher
- Right-click on the driver installation file and select "Run as administrator" and follow the installation wizard
- **Connect** the supplied USB cord
- **Power on** the embosser
- For Windows Vista and later versions, the Plug & Play **Found new hardware** wizard will complete the USB installation

Mac OS X
Install Index **printer driver for Mac OS X 10.8**
- Double-click on the printer driver file
- Follow the installation guide for Mac OS X application
- Go to **System Preferences** and select **Print & Fax**
- Connect the embosser to the computer via the USB device port
- Start up the embosser and wait for the start up message
- Press the **+** button in the dialog box
- Click on the embosser name
- Choose **Select Printer Software** in the list box **Print Using..**
- Select your embosser model in the dialog
- Press **OK**
- Press **Add**
- Exit System Preferences to complete the embosser installation
- Connect the supplied **USB cord** to the USB device port

Linux (Debian/Ubuntu)
Install Linux printer driver 1.1.0
- Download the Linux printer driver
- Install the printer driver following the standard installation process in your Linux version.
- Connect the supplied **USB cord** to the USB device port
- Follow the general installation process for your Linux distribution.

3.2.2 Connect to wired Network

Connect the embosser to your network. If the network supports Dynamic Host Configuration Protocol (DHCP) the embosser will now receive a dynamic IP address.
Print the embossers IP address by **Menu/Print/Print test document/ Print network**

information. Network information page prints in letter graphics and will include the following information:
- o Embosser model
- o Serial number
- o Wired
  - ▪ Mac address
  - ▪ DHCP on/off
  - ▪ IP address
  - ▪ netmask
- o Wi-Fi network
  - ▪ Mac address
  - ▪ DHCP on/off
  - ▪ IP address
  - ▪ netmask

3.2.3   Connect to Wi-Fi Network

Connect the embosser to a Wireless protected setup (WPS). To connect to a WPS select MENU//Communication//Wi-Fi network//Turn ON Wi-Fi network then to enable WPS select // Enable Wireless protected setup and press OK. Within 2 minutes, press the WPS button on your router, then the embosser will connect to the internet.

3.3   Converting to Braille

Index-direct-Braille, **idB,** is a direct printing application to emboss standard word documents in braille. idB is free of charge and included in the printer driver package. The text-to-braille translation, braille page formatting and page numbering are done automatically by idB as this function is embedded in the embosser.

There is no need to adapt the file for braille printout. When using **idB**, the translation language and Braille Grade (1 or 2), formatting, page number and other layout settings are established following the settings in the **active layout** of the embosser.

For Braille mathematics, music, tactile graphics, complex documents and proof reading possibilities a separate braille editor is needed.

3.3.1   Index-direct-Braille idB

idB supports:
- o Braille in grade 0 (computer), 1 (literary) and 2 (contracted)
- o Word (.doc) files
- o PDF (.pdf) files
- o Text (.txt) files
- o Word XML (.docx) files
- o Page numbering
- o Volume handling (for braille books)

o Index V4 and V5 Braille embossers

idB uses the Liblouis Open Source Braille translation system which supports the majority of languages worldwide.

Link to Liblouis web site

Link to information about Index-direct-Braille

Link to firmware upgrade instructions

3.3.2   Emboss with idB in Windows

o Save and close the file in Word as 97-2003 (.doc) format
o Right-click on the file from the list, select Index-direct-Braille
o Select your embosser model and click OK
o The file will now be transmitted to the selected Index embosser
o The flashing idB icon indicates ongoing text-to-braille translation process
o Embossing of the braille document will start; the lighted idB icon indicates idB use for the document

3.3.3   Emboss with idB in Mac

o Open the document in your preferred editor/ viewer program (Ex. Preview OS X)
o Go to file, select Print and select an installed Index embosser
o The file will now be transmitted to the selected Index embosser
o The flashing idB icon indicates ongoing text-to-braille translation process
o Embossing of the braille document starts, the lighted idB icon indicate the use of idB for the document

3.3.4   Emboss with idB in Linux

o Open the document in your preferred editor/viewer
o Go to file, select Print and select an installed Index embosser and press OK
o The file will now be transmitted to the selected Index embosser
o The flashing idB icon indicates ongoing text-to-braille translation process
o Embossing of the braille document starts; the lighted idB icon indicates the use of idB for the document

3.3.5   External Braille editor

Emboss with a commercial or freeware Braille editor
The majority of Braille editors available have good functionality with Index Braille embossers. For more information please check the below link for compatible braille editors.
http://www.indexbraille.com/en-us/support/braille-editor-software

4 Paper handling

All Index embossers support paper weights of 120 - 180 g/m^2 (grams per square meter). To inquire about the ability to emboss with heavier materials, please contact us.

4.1 Supported paper sizes

	Paper length	Paper width	Paper type	
Basic-D V5	1 - 17 inches 25.4 - 431.80 mm	4 - 12,5 inches 120 - 320 mm	Tractor fed paper	Supports user defined paper sizes
Everest-D V5	4,7-11,4 inch 120 - 590 mm	5,5-11,7 inches 130 - 297 mm	Cut sheet paper	Supports user defined paper sizes
BrailleBox V5	11,5-17 inches 292 - 431,8 mm	250 mm, 11 inches, 297 mm	Cut sheet paper	Supports fixed paper sizes: A3, Tabloid 11x17", 11.5x11", B4

4.2   Paper loading

Embosser model	Paper loading
Basic-D paper in	o Open the lid o Open the right and left tractors o Release the lock on the right tractor and adjust the position of the right tractor according to the paper width o Load paper and close the tractor lids o Stretch the paper by pulling the right tractor o Lock the right tractor
Basic-D paper out	**Paper out offset** o Hood with cutting mechanism o Floor standing hood o Paper remains in print head position

Everest-D paper in	**Adjust paper width**
	o Place the two transparent plastic paper guides on to the top of the sheet feeder
	o Release the lock lever on the left margin guide
	o Open the sheet feeder by releasing the sheet feeder lock and place the paper stack in the sheet feeder towards the right margin guide. If the paper is slightly bent, place it with the bend toward the front side of the embosser.
	o Adjust the left margin guide to the left edge of the paper stack and lock it with the locking lever.
	o Close the sheet feeder
	
	Adjust pick-up function
	o Adjust vertical position of both left and right card/sheet selectors
	o Start with both card/sheet selectors in the same step position. Feed a few sheets of papers.
	  ▪ If a double-feed occurs, move both sheet/card selectors upward and try again
	  ▪ If no-feed occurs, move both sheet/card selectors downward and try again
	o Adjust the sheet feeder for best function with both filled with paper and an almost empty
	
	Video "Adjusting sheet/card selector for best pick up function"

Everest-D paper out	o Adjust the **angle of the rear bottom profile** by releasing the two outer white guides and tilt the profile. Lock it in position by pressing the white outer guides into the holes in the side plates. An almost horizontal paper eject line is recommended when Everest is placed on a table and a 45 degree downward angle for use in Acoustic Hood Everest. o Adjust the two inner **document guides to line up with the paper edges**

	o Move the rear paper stop lever into the correct position for the paper size
BrailleBox paper in	o Insert the paper o Adjust the margin guides to the paper width. The following paper sizes are supported: A3, Tabloid 11x17 inches, 11.5x11 inches and B4.

5 Control panel

5.1 Menu summary

5.1.1 About the V5 menu

- **ON key**
  - o **Blinking ON,** indicate ongoing start up process
  - o **Lighted ON**, the embossers is on
- **MENU** - Open menu function
  - o **Lighted MENU** - Menu is open, use the arrow keys to move within the menu tree and wizards
- **OK** - to select or start a function
- When a function is completed the embosser goes into idle mode
- After **2** minutes in menu mode, without any keystrokes, the embosser will automatically cancel changes without saving and go into idle mode
- **HELP -** echos information about the current state of the embosser
  - o **Lighted HELP -** indicates if important information is available

5.1.2   Key functions

TYPE	KEYS	FUNCTION
GENERAL KEYS	**ON**	Power on Online mode Cancel MENU function without saving After OFF, continue printing
	OFF	Stops embossing Power off, hold **OFF 5 seconds**
	FEED	Feeds to a new page Ejects a page
	DOOR	Opens/closes Braille tray, **BrailleBox only**
	HELP	Echos help information After OFF, Echo remaining number of copies and pages Start remote support, hold HELP 15 seconds Start recovery mode, hold HELP during power on
MENU KEYS	**MENU**	Opens/closes MENU mode
	arrow UP	Moves to next MENU item
	arrow DOWN	Moves to next MENU item
	arrow LEFT	Moves to a higher MENU level Moves to previous step in wizard
	arrow RIGHT	Moves to lower MENU level Select Moves to next step in a wizard
	OK	Select, confirm, save, open, close and start
NUMBER KEYS	**1**	Normally **"1"** represents the value **1** When it represents other values this will be presented by speed feedback.
	10	Normally **"10"** represent value **10** When it represents other values this will be presented by speed feedback. Run paper arm release sequence, **BrailleBox only**
	CHS	Toggle between increase or decrease **Restart** the embosser, hold **ON for 10 seconds**

DOUBLE KEYS	OFF+FEED	Stops embossing
	FEED+FEED	Places paper in emboss position, **Basic-D only**
	FEED+OFF	Reverses the paper out of the embosser, **Basic-D only**
	HELP+HELP	Prints help information in letter graphics and braille
	HELP+CHS	Toggle temporarily between local and English speech feedback
	HELP+MENU	Echos active Braille page layout
	HELP+ON	Print hammer test page
	HELP+OFF	Safely remove USB memory stick
	HELP+FEED	Process sensors toggle between on and off **(Firmware 2.1)**
	HELP+1	Print network information page
	HELP+10	Echos available embosser wired and/or Wi-Fi IP address
	HELP+OK	Establishes a local network between PC and embosser using USB connection **(Firmware 2.1)**
	HELP + ARROW RIGHT	Start Wireless Protected Setup (WPS push button)
	HELP + ARROW UP	Print internal parameter list
	HELP + ARROW DOWN	Start "Insert transport locking wizard". Follow wizard instructions, after completed the embosser will re-start.

5.1.3   Multiple layouts to customize

Index V5 embossers are equipped with 1-9 user defined adjustable layouts.

Active layout

The active layout is the current one in use. All changes to the layout settings will be made in the active layout. The layout includes paper size, braille page setup; pagination parameters and idB text-to-braille language and grade (literary or contracted).

Select active layout

Open the menu tree and go to Braille layout/ Change active layout x// select layout 1-(9) and save by selecting OK. The embosser will echo the layout name, page size and print type for the active layout

Distributor layout

(coming soon)
Setup the embosser to a specific distributor (region) setup by Menu/ Braille layout/ Restore layout/ Restore distributor layout/ Select country/ select distributor name.
A distributor setup typically includes:
o Number of layouts
o All information specified in each layout wizard, most significant are;
  ▪ Paper size
  ▪ Print type, single/double sided, booklet etc
  ▪ Text-to-Braille translation when using idB

- Braille page layout, lines per page, characters per line, margins
- Braille page number and position

5.1.4   Menu tree V5

MAIN MENU	SUB MENU	FUNCTION	INFO
Print	Print previous document	Print compete document	Number of copies
		Print part of document	From page to page
	Print from USB memory	Select a folder or document with arrow keys up/ down/ right (in)/ left (out), and press OK to print	Using active layout settings
	Print demo files	Select a file and print	The file name describes each document
	Print braille manual	Select language from list	Using active layout settings
	Print test document	Print, *embosser information*	
		Print, *hammer test*	
		Print, *braille layout*	
		Print, *network information*	
		Print, *production test*	Used for testing after service
	Print service document	Print, gap between print heads and braille line alignment	**BrailleBox only**
		Print, folding line test page	
		Print, *internal parameter value list*	*coming soon*
Braille layout	Select active layout	Select the active layout	Layouts 1-9 may be defined
	Edit active layout 1-9	Standard wizard	
		Advanced wizard	
	Add layout	Add layout (Go into Edit Active Layout to edit the new layout)	The new layout gets the lowest available layout number
	Delete layout	Delete layout X	
	Backup layout	Backup layouts to USB memory	
		Backup layouts to internal memory	
	Restore layout	Restore layouts from USB memory	
		Restore layouts from internal system memory	
		Restore distributor default layouts	
		Restore Index factory default layouts	
Communi-cation	USB memory	Eject USB memory	
	Wi-Fi network	Turn ON/OFF Wi-Fi network	
		Start Wireless Protected Setup	**WPS: Help + Arrow**

		(Available when Wi-Fi network is ON)	**Right**
	LED light	LED lights to on	*coming soon*
		LED lights to on for 5 minutes	*coming soon*
		LED lights to off	*coming soon*
	Wired network	Wired network on/off	*coming soon*
		DHCP on/off DHCP=Dynamic Host Configuration Protocol	*coming soon*
		Static IP address setup	*coming soon*
	Speech feedback	Select volume	low/ medium/ high
		Select language	From list

MAIN MENU	SUB MENU	FUNCTION	INFO
User service	Insert transport locking wizard	Insert transport locking wizard - press OK to start	
	Dot forming settings	Multiple impacts	1-5 impacts on each dot
	Printing speed	Adjust printing speed from the list	
	Paper out settings	Stops printing after XX papers	**Basic-D and Everest-D only,** *coming soon*
		Paper out offset, **Basic-D only** *coming soon*	Hood with cutting mechanism
			Floor standing hood
			Paper remains in print head position
		Paper out offset wizard, *coming soon* - **Basic-D only**	Hood with cutting mechanism
	Braille adjustments	Paper calibration wizard	**Everest and BrailleBox only**
		Gap between print heads wizard	**BrailleBox only**
		Straight Braille line wizard	**BrailleBox only**
	Sensor control	Paper jam sensor, on or off	*coming soon* **Basic-D only**
		Temporarily disconnect safety sensors paper tray, braille tray, service door, braille tray open and out of paper	*coming soon* **BrailleBox only Pin code protected. Re-start activate sensors**
		Process sensors on/off **Basic-D**: Paper edge, paper move, head, fan **Everest-D**: Paper in, head, feed, fan **BrailleBox**: Paper in, paper out, paper tray, braille tray, service door, braille stack	*coming soon*
	Firmware update	Firmware upgrade from Internet	
		Firmware upgrade from USB memory stick	
	Backup	Backup config.sys file to USB memory	

settings		Backup to internal memory	
	Restore settings	Restore config.sys file from USB memory	
		Restore settings from internal memory	
		Restore config.sys file to factory default	*coming soon*

MENU	SUB MENU	FUNCTION	INFO
Protected service	Command center	Start command center	*coming soon*
		Start service command center	*coming soon*
	Production test wizard	Wizard for Index Braille test during production	
	Recovery	Start recovery mode	*coming soon*
	Remote support	Start remote support	*coming soon*

5.2   Wizards in 2.0

Wizards are used to guide the user through setup, calibration, adjustment etc. All wizards follows the same user interface structure.

- Start a wizard by selecting it from the menu tree, then **press OK**
- Follow the wizard by pressing the **right arrow key**
- If there is a need to go back in the wizard, press the **left arrow key.** This will take you to the previous step.
- If a value should be edited within the wizard, **press OK to edit, arrow up/ down to select and OK again to save**. The speech feedback will supply further instructions.
- Press **OK to start the automatic wizard process**
- Completed wizard is verified by the echo *Wizard completed press OK to save*

5.2.1   Layout wizards

5.2.1.1   Standard wizard

5.2.1.1.1 Edit active layout, standard wizard example

Standard Wizard		
Paper size	Select from list **After changed paper size, all margins are set to zero**	User defined paper size may be defined in **Basic-D and Everest-D only**
Print type	Select from list **After changed print type, all margins are set to zero**	**Basic-D**: Double/ single, Z-folded double/ single, Z-folded sideways single/double sided **Everest-D** and **BrailleBox**:

		Double/ single, booklet double/ single sided
Folding line	Select from list	Available when booklet print type is selected
Braille translation, idB	Select language, grade and version	Liblouis text-to-braille translation, G0=computer braille, G1=literary braille, G2=contracted braille
Lines per page	Select from list	
Top margin	Select from list	When space for margins are available
Braille page number	Select from list with position on the page	When top and/or bottom margins are available
Characters per line	Select from list	
Binding margin	Select from list	When space for a binding margin is available. In booklet format the minimum binding margin is **1 character**
Wizard completed	Press OK to save	

5.2.1.1.2 Advanced wizard

The additional items in an advanced wizard is marked with larger bold text.

Standard Wizard		
Paper size	Select from list Changed paper sizes sets all margins to zero	User defined paper size may be defined, **Basic-D and Everest-D only**
Print type	Select from list Changed print type sets all margins to zero	**Basic-D**: Double/single, Z-folded double/single, Z-folded sideways single/double sided **Everest-D and BrailleBox**: Double/single, booklet double/single sided
Folding line	Select from list	Available when booklet print type is selected
Line spacing	**Select from list**	**2.0 Supports single or double line spacing** **2.1 Supports flexible line spacing**
Braille cell size	**Select from list**	**Supported in BA and EV**
Braille translation	Select language, grade and version	G0=computer braille, G1=literary braille, G2=contracted braille
Lines per page	Select from list	
Top margin	Select from list	Available when space for margins are available
Braille page number	Select from list with position on the page	
Characters per line	Select from list	
Binding margin	Select from list	When space for binding margin is available. In booklet format the minimum binding margin is **1 character**.
Volume	**Number of pages in each braille**	**Divides a document into volumes.**

separation	volume. Select from list	Each booklet holds a max of 80 pages per volume.
Braille volume number	**Adds "V1" (Volume 1) on the left side of the braille page number**	**Enabled when:** • **Braille page number is ON** • **Volume handling is ON**
Wizard completed		Wizard completed press OK to save	