

Everest-D V5 presentation



Braille printing made easy

www.indexbraille.com



The idea of BrailleBox

- Triple the speed of traditional embossers achieved by using 3 embossing heads
- Price, a fraction of competitors
 - Re-use Basic/Everest modules
 - Benefit from higher total production volume
 - Re-use of well established modules increases quality
- Reduce the noise level by the closed construction
- Increase the sheet-feeder size, the same unit was used by HP in LaserJet 3.
- Make glass and light as design objects
- Dark active surfaces and light covers
- Optimized for booklet printing on A3 or 11x17 inch paper



INDEX
BRAILLE

5 Design awards

BrailleBox is the most beautiful braille printer ever made. It is the only product for the blind with multiple design awards.

- RedDot, Germany
- Good Design, USA
- Great Design Price, Sweden
- German Design Award



BrailleBox V5 vs. V4

The BrailleBox V4 was the most advanced development work Index have ever completed. As such there was some improvement opportunities in the BrailleBox V4 which we have now significantly improved on in BrailleBox V5.

- Complicated electronic hardware is simplified. Number of electronic boards is reduced from 4 to 2.
- The mechanical door opening is replaced with opening by the DOOR key
- Sensors for embossing head home position is implemented
- All parts of the user interface is integrated in the control panel of BrailleBox V5.
- The LED lights are simplified
- The paper arms/servos can be replaced without open the top cover

Most popular production braille printer

Since the introduction in 2011 the BrailleBox has dominated the global production braille printer market

- High braille quality
- 300-pages sheet-feeder
- Three embossing head giving high-speed
- Competitive price
- Braille and text labelled control panel
- Possible to mix braille and tactile-graphics within the same document



Booklet the recommended format

Booklet printing is made on A3 or 11,5x17 inch paper, it folds to A4 or letter format. Benefits with booklet:

- The paper out works is reduced to staple and fold. No need for holing, wire binding etc.
- The embossing speed is higher than on smaller A4/letter papers
- The function of the sheet-feeder is even more stable with this wider paper
- The booklet braille production process
 1. Print
 2. Staple
 3. Fold



BrailleBox a fix star in braille production

- BrailleBox is the market leading sheet-fed production braille printer since the introduction in 2011.
- BrailleBox is 100% constructed by Index
- BrailleBox is made for continuous printing
- BrailleBox sheet-feeder production tools and intellectual property is owned by Index
- The sheet feeder is tuned for best function on heavy braille paper

Useful cut-sheet feeder

- Cut-sheet paper is available every ware
- Cut-sheet paper is inexpensive
- The 300-pages sheet-feeder owned by Index
- Paper width up to 297 mm
- Paper length up to 432 mm



All connectors

- Network
 - Wired IP port
 - WiFi IP port
- Bluetooth
- Standard USB port
- USB Host port
Braille printing from standard USB



Modern user interface

- Control panel
 - Speech feedback in 19 languages
 - Speaker embedded in control panel
 - Labelled in braille and text
 - LED lighted text and icon feedback



Easy to maintain

- Front door access
 - Embossing head
 - Paper transportation
- Braille door access
 - Braille document
 - Paper arms and servos
 - Electronic driving board
- Paper tray
 - Insert new paper
 - Adjust paper size
 - Maintain pick-up roller



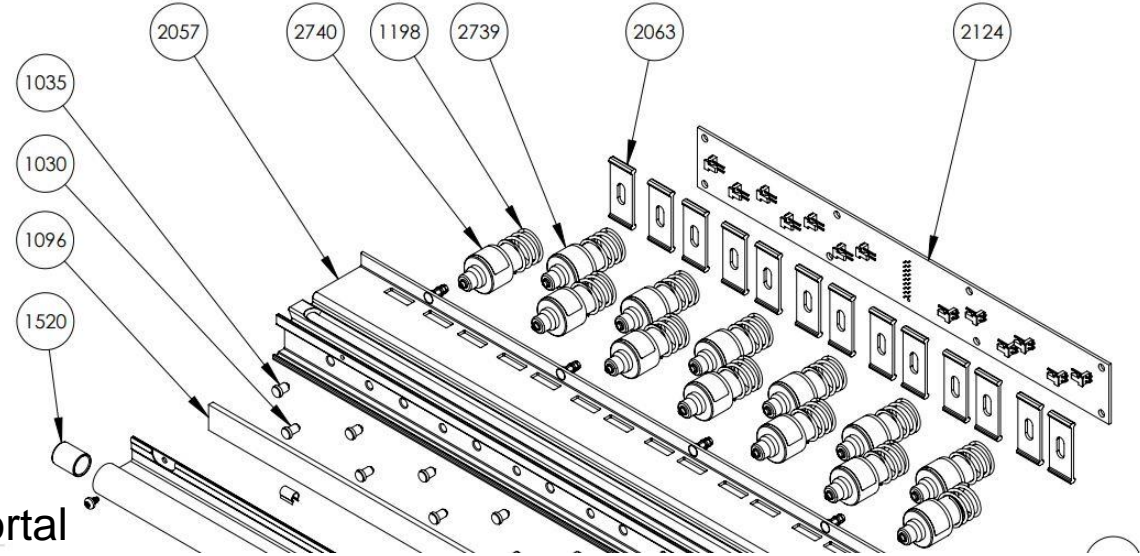
Useful features

- No need for a separate braille editor
- Support all operation systems
- Supports booklet (vertical) printing
- Index BrailleApp
- USB Host port for printing from a USB memory
- High resolution tactile graphics
- Acapela speech guide the user
- Remote support via Internet
- Liblouis text-to-braille translation is included
 - More than 150 languages
 - Literary (G1) and contracted (G2) braille



Build to last

- Everest-D is 100% constructed by Index
- The sheet-feeder tools and production rights are own by Index
- The clean module design is the core for a competitive price with world leading quality.
- Easy to maintain
 - Replacement of modules is quick and require minimum training
 - No mechanical adjustments
 - Firmware upgrade is free, at www.indexbraille.com
- Open information structure
 - Spare parts web
 - Exploded view document
 - Knowledge base questions
 - Spare parts available many years
 - support@indexbraille.com to access support portal



High quality braille

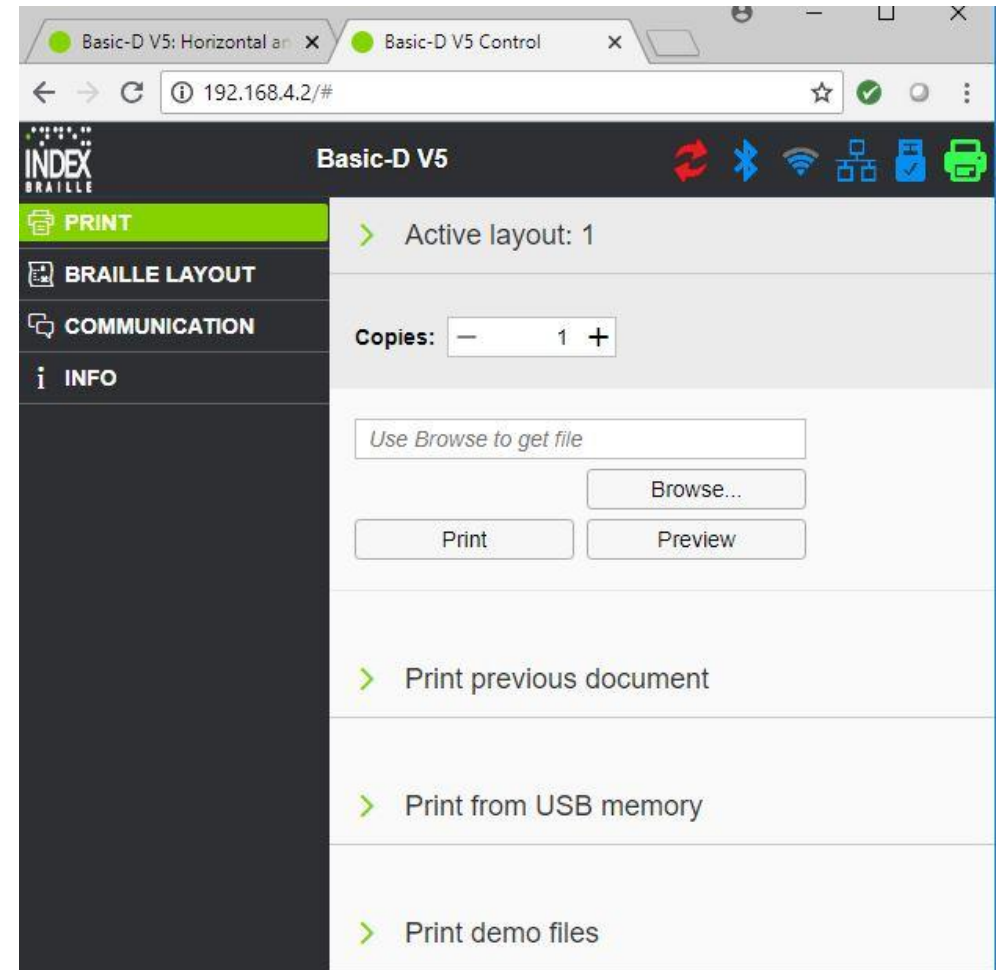
Index braille is well known since decades for good braille quality. This is how we define high quality braille:

- Round dot, following the surface of sphere
 - With no holes
 - With no cracks
- Braille dot dimensions
 - Height 0,5 mm
 - Diameter of dot base 1,6 mm
 - Diameter of the sphere 1,7 mm
- Braille cell size
 - Distance within the cell 2,5 mm
 - Distance between the cells 3,5 mm
 - Placed in a perfect grid

BrailleApp is the future

The BrailleApp is the next generation of interface to Index V5 printers.

- Support all common operation systems
- Print braille without using a traditional braille editor
 - Print in literary (G1) or contracted (G2) braille
 - Preview the braille file in text or as braille-dots
 - Edit the translated braille file
 - Brows for source file
 - docx, doc and pdf
 - From your computer
 - From the USB memory inserted on the printer
- Monitor and control printer icons
 - Firmware upgrade
 - Bluetooth
 - Wi-Fi
 - Wired network
 - USB memory inserted on the printer
 - Embosser status



Welcome to our world



Braille printing made easy

www.indexbraille.com

