

Stationary braille displays

Here you find information about stationary braille displays available in Germany. The product descriptions are based on manufacturer data (folder material and Internet presentations). We strive for completeness, however, we cannot guarantee these. We receive additions gladly: clauss@dias.de ¹

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■ Which criteria did we raise - and why? ²

Here we implement, why the data raised from us are important criteria for the product selection.

The braille displays are sorted in alphabetical order:

- ALVA 584 Satellite Pro
- ALVA 570 Satellite Pro Braille-Terminal
- ALVA Delphi 480 Multimedia
- B2K-84
- BM 80
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- Braille Star 80
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- BRAILLOTERM32
- DM 80 plus
- Focus 80
- InfoDot 80p
- PEGASUS 82/8 CR
- Power-Braille 80 (PB 80)
- ProfiLine
- PrivatLine

- HT Modular 80
- Vario 80

■ **ALVA 584 Satellite Pro**

- **Data documented on:**
27.06.2006
- **Supplier:**
Ludwig Becker, AASB, Novotech GmbH, Reinecker Reha-Technik GmbH, Tieman/
Optelec
- **Number of braille modules:**
84 braille modules
- **Operating controls:**
double TAC buttons by double breasted routing switches, six navigaton
switches, two additional keyboardswitches each with six switches, two
operating switches
- **Miscellaneous elements:**
not specified
- **Measures:**
594 x 320 x 24 mm (w x d x h)
- **Weight:**
2,7 kg
- **Connection types:**
two USB ports, serial port
- **Screen reader:**
Jaws, Outspoken, Virgo, Protalk, SWB, Visiobraille, HAL, SRD/2 and other
screen reading software
- **Operating systems:**
Windows NT, Windows 95/98/2000/XP, MS-DOS, UNIX and OS/2

■ **ALVA 570 Satellite Pro Braille-Terminal**

- **Data documented on:**
27.06.2006
- **Supplier:**

Ludwig Becker, AASB, Novotech GmbH, Reinecker Reha-Technik GmbH, Tieman/
Optelec

- **Number of braille modules:**
70 braille modules
- **Operating controls:**
double TAC buttons by double breasted routing switches, six navigaton switches, two additional keyboardswitches each with six switches, two operating switches
- **Miscellaneous elements:**
ten mignon akkus, exchangeable (running time approx. 15 hours) integrated power pack 110 - 220 volts
- **Measures:**
620 x 290 x 24 mm (w x d x h)
- **Weight:**
approx. 3 kg
- **Connection types:**
two USB ports, serial port
- **Screen reader:**
Jaws, Outspoken, Virgo, Protalk, SWB, Visiobraille, HAL, SRD/2 and other screen reading software
- **Operating systems:**
Windows NT, Windows 95/98/2000/XP, MS-DOS, Unix and OS/2

■ **ALVA Delphi 480 Multimedia**

- **Data documented on:**
27.06.2006
- **Supplier:**
Ludwig Becker, AASB, Novotech GmbH, Reinecker Reha-Technik GmbH
- **Number of braille modules:**
85 braille modules, thereof 5 status modules
- **Operating controls:**
double TAC buttons, 4 flexible switches, 6 operating switches
- **Miscellaneous elements:**
Accu (running time: approx. 8 hours)

- **Measures:**
620 x 300 x 30 mm (w x d x h)
- **Weight:**
3,5 kg
- **Connection types:**
two parallel ports, two serial ports, two slide-on receptacles
- **Screen reader:**
Jaws, outSPOKEN, Virgo, Protalk, SWB, Visiobraille, HAL, SRD/2 and other screen reading software
- **Operating systems:**
Windows NT, Windows 95/98/2000/XP, MS-DOS, UNIX and OS/2

■ **B2K-84**

- **Data documented on:**
27.06.2006
- **Supplier:**
only second hand, was offered by im Angebot der Audiodata GmbH
- **Number of braille modules:**
84 braille modules, thereof 4 status module
- **Operating controls:**
TAC switches for TAC buttons, function switches, TASO slider
- **Miscellaneous elements:**
not specified
- **Measures:**
640 x 115 x 25 mm (w x d x h)
- **Weight:**
not specified
- **Connection types:**
USB port
- **Screen reader:**
Blindows 2. generation
- **Operating systems:**
Windows NT 4, Windows 2000, Windows 98 and Windows ME, Windows XP Home and Professional

■ **BM 8o**

- **Data documented on:**
27.06.2006
- **Supplier:**
Audiodata GmbH
- **Number of braille modules:**
80 braille modules
- **Operating controls:**
TAC buttons, function buttons, navi sticks, thumb buttons, TASO slider
- **Miscellaneous elements:**
not specified
- **Measures:**
640 x 115 x 25 mm (w x d x h)
- **Weight:**
not specified
- **Connection types:**
USB port
- **Screen reader:**
Blindows 3. and 4. generation
- **Operating systems:**
Windows NT 4, 2000, 98, ME, XP Home and Professional

■ **BMS 3**

- **Data documented on:**
27.06.2006
- **Supplier:**
only second-hand, was offered by B&M Ingenieurbüro GmbH
- **Number of braille modules:**
84 braille modules, thereof 4 status modules
- **Operating controls:**
TAC buttons, mousefollow buttons, keys for direct call
- **Miscellaneous elements:**

diary, pocket calculator

- **Measures:**
480 x 330 x 50 mm (w x d x h)
- **Weight:**
not specified
- **Connection types:**
mains operation
- **Screen reader:**
Jaws for Windows
- **Operating systems:**
Windows NT, Windows 95/98, MS-DOS, UNIX and OS/2

■ **BMS IV Jumbo**

- **Data documented on:**
26.06.2006
- **Supplier:**
B&M Ingenieurbüro GmbH
- **Number of braille modules:**
20/40/80 braille modules, plus 10 function buttons
- **Operating controls:**
TAC buttons, row dropping buttons, transport case.
- **Miscellaneous elements:**
navigation roll, standard button points
- **Connection types:**
foot switch, power supply by USB
- **Measures:**
460 x 245 x 38 mm (w x d x h)
- **Weight:**
2300 g
- **Screen reader:**
Jaws for Windows, HAL/Supernova
- **Operating systems:**
Windows 98/2000, NT/ME/XP

■ BMS IV Mini

- **Data documented on:**
26.06.2006
- **Supplier:**
B&M Ingenieurbüro GmbH
- **Number of braille modules:**
20/40/64/80 braille modules, plus 8 function buttons
- **Operating controls:**
TAC buttons, row dropping buttons, direct call buttons, transport case.
- **Miscellaneous elements:**
navigation roll, standard button points
- **Connection types:**
mains operation, USB, foot switch
- **Measures:**
330 x 207 x 25 mm (w x d x h)
- **Weight:**
1110 g (without transport case), 1685 g (including transport case)
- **Screen reader:**
Jaws for Windows, HAL/Supernova
- **Operating systems:**
Windows 98/2000, NT/ME/XP

■ BRAILLEX EL 80s

- **Data documented on:**
27.06.2006
- **Supplier:**
F. H. Papenmeier
- **Number of braille modules:**
80 braille modules horizontally
- **Operating controls:**
navigation bar, twin-TAC buttons, two tumblers
- **Miscellaneous elements:**

not specified

- **Measures:**

569 x 277 x 22 mm (w x d x h)

- **Weight:**

2,440 kg

- **Connection types:**

USB port

- **Screen reader:**

Jaws, HAL 95 / NT, Slimware Window Bridge etc.

- **Operating systems:**

Windows NT 4, Windows 2000, Windows 95 / 98 / ME, MS-DOS, Linux, OS/2, Windows XP

■ Braille Voyager 70

- **Data documented on:**

27.06.2006

- **Supplier:**

Tieman/Optelec

- **Number of braille modules:**

70 braille modules

- **Operating controls:**

TAC buttons, 4 reading buttons, 8 operating buttons, windows navigation button

- **Miscellaneous elements:**

not specified

- **Measures:**

470 x 258 x 32 mm (w x d x h)

- **Weight:**

approx. 3 kg

- **Connection types:**

USB Port

- **Screen reader:**

Jaws, Outspoken, HAL, Virgo and Window-Eyes

- **Operating systems:**
Windows98/ME, Windows 2000, Windows XP
- **Connection types:**
USB Port and COM Port (only Braille Voyager 70 +)

■ **Braille Window 84 classical Design**

- **Data documented on:**
27.06.2006
- **Supplier:**
only second-hand, was offered by Handy Tech Elektronik GmbH, IPD GmbH
- **Number of braille modules:**
84 braille modules, thereof 4 status modules
- **Operating controls:**
TAC buttons, 8 function buttons, 2 navigation buttons, 16 buttons keypad
- **Miscellaneous elements:**
not specified
- **Measures:**
690 x 45 x 300 mm (w x d x h)
- **Weight:**
4,7 kg
- **Connection types:**
serial
- **Screen reader:**
Jaws, Suse Blinux
- **Operating systems:**
Windows NT/2000, Windows 95/98/ME, MS-DOS, Suse Linux from V. 7.0

■ **Braille Window Modular 84**

- **Data documented on:**
27.06.2006
- **Supplier:**
Handy Tech Elektronik GmbH, IPD GmbH

- **Number of braille modules:**
84 braille modules, thereof 4 status modules
- **Operating controls:**
TAC buttons, 8 function buttons, 2 navigation buttons
- **Miscellaneous elements:**
adapted MF2 keyboard, 16 buttons keypad, combineable handybraille embossed printing keyboard
- **Measures:**
625 x 53 x 255 mm (w x d x h)
- **Weight:**
3,5 kg
- **Connection types:**
optionally serial or USB
- **Screen reader:**
Jaws, Suse Blinux
- **Operating systems:**
Windows NT 4, Windows 2000, Windows 95/98/ME, MS-DOS, Suse Linux from V. 7.0

■ Braille Star 8o

- **Data documented on:**
27.06.2006
- **Supplier:**
Handy Tech Elektronik GmbH, IPD GmbH
- **Number of braille modules:**
80 braille modules
- **Operating controls:**
TAC buttons, 8 function buttons, 2 navigation buttons
- **Miscellaneous elements:**
adapted MF2 keyboard, 16 buttons keypad, combineable handybraille embossed printing keyboard
- **measures:**
585 x 245 x 24 mm (w x d x h)

- **Weight:**
255 kg
- **Connection types:**
USB port, serial
- **Screen reader:**
Jaws, SuseBlinux
- **Operating systems:**
Windows NT 4, Windows 2000, Windows 95/98, XP, ME, MS-DOS, Suse Linux
from V. 7.0

■ **BRILLEX EL 2D - 80**

- **Data documented on:**
27.06.2006
- **Supplier:**
F. H. Papenmeier
- **Number of braille modules:**
80 braille modules horizontally, 20 braille modules vertically
- **Operating controls:**
Twin-TAC buttons, 4 tumblers, navigation bar
- **Miscellaneous elements:**
not specified
- **Measures:**
738 x 279 x 33 mm (w x d x h)
- **Weight:**
4,8 kg
- **Connection types:**
serial, optionally USB
- **Screen reader:**
Jaws, HAL 95/NT, Slimware Window Bridge etc.
- **Operating systems:**
Windows NT 4, Windows 2000, Windows 95/98/ME, MS-DOS, Linux, OS/2

■ BRAILLOTERM₃₂

- **Data documented on:**
27.06.2006
- **Supplier:**
KTS Kompetenz in Technischer Sehhilfe
- **Number of braille modules:**
85 braille modules, thereof 5 status modules
- **Operating controls:**
TAC buttons, 8 control buttons, 6 function keys, 1 menu key and 5 advanced keys for controlling the digital audio recorder
- **Miscellaneous elements:**
digital audio recorder
- **Measures:**
609 x 304 x 57 mm (w x d x h)
- **Weight:**
ca. 8 kg
- **Connection types:**
serial and parallel
- **Screen reader:**
HAL and Jaws
- **Operating systems:**
MS-DOS, MS Windows, OS/2

■ DM 80 plus

- **Data documented on:**
27.06.2006
- **Supplier:**
only second-hand, was offered by Baum Retec AG
- **Number of braille modules:**
80 braille modules, thereof 4 status modules
- **Operating controls:**
horizontally and vertically sensors, TAC buttons, 7 display keys

- **Miscellaneous elements:**
control software for MS-DOS
- **Measures:**
653 x 241x 38 mm (w x d x h)
- **Weight:**
5 kg
- **Connection types:**
serial, parallel, optionally via Interface card, USB via adapter
- **Screen reader:**
Virgo, Jaws, HAL/Supernova
- **Operating systems:**
MS-DOS, Windows 3x, 9x, NT 4, 2000, XP, OS/2, Linux

■ Focus 8o

- **Data documented on:**
26.06.2006
- **Supplier:**
IPD GmbH, Ludwig Becker
- **Number of braille modules:**
80 braille modules
- **Operating controls:**
double cursor routing keys, 8 function keys with 3 toggle keys, 6 navigation keys, 2 selection keys, 2 whiz wheels
- **Miscellaneous elements:**
Audio-input/output
- **Measures:**
605 x 135 x 43 mm (w x d x h)
- **Weight:**
1800 g
- **Connection types:**
USB port
- **Screen reader:**
Jaws, SuseBlinux

- **Operating systems:**

Windows NT 4, 2000, 95/98/ME, MS-DOS, Suse Linux from V. 7.0

■ **InfoDot 8op**

- **Data documented on:**

27.06.2006

- **Supplier:**

fluSoft Spezial Computer Technik

- **Number of braille modules:**

86 braille modules, thereof 6 status modules

- **Operating controls:**

TAC buttons, 3 navigations keys, 7 function keys

- **Miscellaneous elements:**

not specified

- **Measures:**

630 x 300 x 50 mm (w x d x h)

- **Weight:**

4 kg

- **Connection types:**

serial, USB via adapter

- **Screen reader:**

HAL NT, SuperNova NT, Insight 2.0, HAL 95, SuperNova 95, Jaws 3.5, 3.7, Insigtht98

- **Operating systems:**

Windows NT 4, Windows 95/98/ME, MS-DOS

■ **PEGASUS 82/8 CR**

- **Data documented on:**

27.06.2006

- **Supplier:**

Mobile Hilfsmittelzentrale Deininger

- **Number of braille modules:**

82 braille modules, thereof 2 status modules

- **Operating controls:**
TAC buttons, 8 navigation keys
- **Miscellaneous elements:**
not specified
- **Measures:**
575 x 240 x 30 mm (w x d x h)
- **Weight:**
2,8 kg
- **Connection types:**
serial, keyboard power supply
- **Screen reader:**
Supernova (collectable with all current screen readers)
- **Operating systems:**
Windows NT 4, Windows 95/98, Windows 3.x, MS-DOS, OS2, with reservations
also Windows XP

■ **Power-Braille 80 (PB 80)**

- **Data documented on:**
27.06.2006
- **Supplier:**
only second-hand, was offered by CH Bugert
- **Number of braille modules:**
80 braille modules
- **Operating controls:**
not specified
- **Miscellaneous elements:**
not specified
- **Measures:**
not specified
- **Weight:**
not specified
- **Connection types:**

serial, parallel

- **Screen reader:**

Jaws

- **Operating systems:**

Windows NT 4, Windows 2000, Windows 98 and Windows ME

■ **ProfiLine**

- **Data documented on:**

27.06.2006

- **Supplier:**

hedo GmbH

- **Number of braille modules:**

84 braille modules, thereof 4 status modules

- **Operating controls:**

TAC buttons, 8 function buttons, 2 navigation keys

- **Miscellaneous elements:**

not specified

- **Measures:**

not specified

- **Weight:**

not specified

- **Connection types:**

serial

- **Screen reader:**

Jaws, HAL, Insight

- **Operating systems:**

Windows NT 4, Windows 95/98/ME, MS-DOS

■ **PrivatLine**

- **Data documented on:**

27.06.2006

- **Supplier:**

hedo GmbH

- **Number of braille modules:**
44 braille modules, thereof 4 status modules
- **Operating controls:**
TAC buttons, 8 function buttons, 2 navigation keys
- **Miscellaneous elements:**
not specified
- **Measures:**
not specified
- **Weight:**
not specified
- **Connection types:**
serial
- **Screen reader:**
Jaws, HAL, Insight
- **Operating systems:**
Windows NT 4, Windows 95/98/ME, MS-DOS

■ HT Modular 8o

- **Data documented on:**
27.06.2006
- **Supplier:**
VERTICAL-Informatik
- **Number of braille modules:**
80 braille modules
- **Operating controls:**
not specified
- **Miscellaneous elements:**
not specified
- **Measures:**
not specified
- **Weight:**
not specified

- **Connection types:**
not specified
- **Screen reader:**
SaltoVocale
- **Operating systems:**
Macintosh Operating system

■ Vario 8o

- **Data documented on:**
27.06.2006
- **Supplier:**
Baum Retec AG
- **Number of braille modules:**
84 braille modules, thereof 4 status modules
- **Operating controls:**
Cursor routing keys, 6 display keys, 7 braille operating keys, 10 front keys
- **Miscellaneous elements:**
dust protection transport cover
- **Measures:**
580 x 110 x 25 mm (w x d x h)
- **Weight:**
1,6 kg
- **Connection types:**
serial, USB, LPT
- **Screen reader:**
Virgo, Jaws, HAL/Supernova
- **Operating systems:**
MS-DOS, Windows 3x, 9x, NT 4, 2000, XP, OS/2, Linux

■ Criteria for the product selection

Offerer

If more than one offerer is indicated here, inquire yourself also about service and support achievements of the respective dealer.

Number of Braille modules

The Number of braille modules, which a line can have, varies today with mobile Braille displays from 18 to 40 places, with stationary from 60 to 88 places.

Control elements

Here we document, which control elements the specified products have. For instance cursor routing keys rank among control elements, scrolling keys or navigation borders.

Other components

Further components mean f.e. batteries and/or akkus, additional hardware or further internal software for the braille display.

Mass

The size of the braille display is indicated in width x depth x height in mm.

Weight

Actually the weight is - like the mass - relevant for the mobile employment of a braille display. The weight can vary with mobile braille displays from 740 g to 3.3 kg and with stationary displays from 1,1 kg to 4.7 kg.

Connection types

Here we document, which interfaces belong to the braille display. Important interfaces for additional adaptations are such as headphones, loudspeakers or microphone, and all interfaces in order to connect the Braillezeile with other devices (PC, mobile phone).

Screen reader

Here we document, for which on the German market offered screen readers the braille display is suitable.

Operating systems

Here we document, for which operating systems (Windows and/or Linux) the braille display is suitable.

Further INCOBS-information

Here we indicate whether there is e.g. further information like single tests or helps to the product.

■ Links

1. <mailto:clauss@dias.de>
2. http://www.incobs.info/en/single_products/braille_displays/stationary_brailledisplays.php#kriterien