

Active Braille

The flexible and mobile Braille display with patented ATC technology



The Active Braille is a 40 character Braille display with patented ATC technology. In addition to an ergonomically designed Braille display, the Active Braille is also a powerful notetaker with numerous integrated functions and 16 GB of storage space. You can enter text with the ergonomically designed Braille keyboard. Active Braille allows for relaxed nonstop reading by automatically scrolling the text as you read. The Active Braille can be connected via USB to the PC or via Bluetooth to three additional devices, like smartphones. With only 900 g and a battery life of 20 hours, the Active Braille is your reliable mobile companion.

- 40 concave braille elements with cursor routing
- adjustable Braille dot firmness
- practical notetaking functions such as editor, calculator, clock and more
- integrated ergonomic braille keyboard
- HID technology - ready to use, without driver software
- ATC technology - detects the reading position, analyzes the reading behavior, visualizes the reading position in real time
- Bookworm function: automatic scrolling at the end of the line
- Connection via USB or Bluetooth
- up to 20 hours of battery life

Active Braille - perfect for school and study

The Outstanding Braille Display

Connected via USB to a PC, Active Braille is immediately ready to use for you. The HID technology allows using Active Braille without the need of installing a software driver. With the use of HID technology (Human Interface Device), Help Tech sets new standards for Braille displays. Active Braille also offers a wireless Bluetooth connection ready to use for PC and mobile phones.

The ergonomically positioned Braille keyboard allows entering text directly with the Active Braille. By providing two USB connections, you can for example also connect a standard keyboard to Active Braille. Active Braille allows also setting the firmness of the pins of the Braille display.

By using the universal driver of Help Tech, Active Braille is supported by all major screen readers.

Whether you are using JAWS, Supernova or NVDA as your screen reader under Windows, Active Braille is the right choice for you. Active Braille is also ideal to use with Apple computers, even iPhones or iPads. Connected wireless via Bluetooth, Active Braille provides complete access.



The Note Taker

Active Braille has complete note taker functions like editor, calculator, clock and much more. Hundreds of books can be stored on the 16 GB Micro SD card.



When transferring notes with the Help Tech software HTCom to a PC, grade two can be directly converted into normal text.



Patented ATC technology

ATC Assistance Function

Besides the automatic scrolling when reading text, the ATC technology of Active Braille opens up new possibilities for you using a PC. Assistance functions make information accessible or faster to access. ATC assistance can for example read the whole line of text or words for you if you have touched the first letter. ATC can also announce the changes of text attributes at the reading position. So it is indicated to you that for example normal text has turned into bold text.

Analyzing the Reading Flow

The reading position can be observed by a sighted person in real time at the Braille monitor. ATC also allows to save the reading position in a log file. The reading behavior can be analyzed with the software tool ATC-Log Analyzer.



The numbers of characters or words per minute is analyzed as well as the reading speed of each single letter and the reading flow.

Bookworm Mode

Thanks to the Bookworm mode, Active Braille is ideal for reading books. With its unique ability to detect the tactile reading position, the Bookworm mode allows to automatically scroll the text shown on the Braille display after it was completely read. So if you, for example, read a book with about 600.000 characters, until now, on an ordinary Braille display you had to push the advance button about 20.000 times for reading the book completely.

Active Braille automatically switches to the next section of the text after the text was read completely on the Braille display. With Active Braille, annoying key presses for advancing the Braille display are no longer needed. You can enjoy the reading undisturbed.



Mobility is the Key

Weighing only 900 g and with a battery life of 20 hours, Active Braille can be used everywhere. The batteries can be fully recharged within 3 hours. The rechargeable batteries can easily be exchanged. It's even possible to use standard AA batteries if needed.

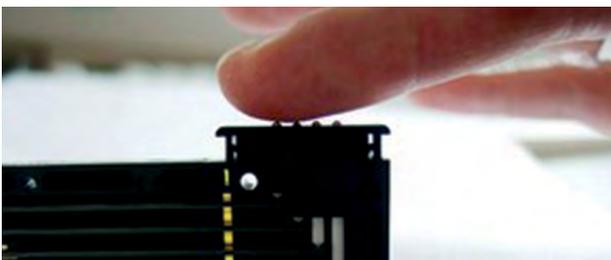
Active Braille comes with a handy carrying case, just open it and you can start taking notes with Active Braille. Your notes can be easily transferred to a PC where you can modify and print them.

The Perfect Ergonomics

Only the Braille cells of Handy Tech braille displays are sloping backwards and are concavely shaped. The reading area is ideally shaped for the reading finger. When reading on the Active Braille, the Braille characters can be touched in a natural relaxed hand position.



Concave Braille modules



Flat Braille modules

Technical Data

Input/Output

- 40 piezoelectric Braille cells
- Ergonomic Braille keyboard
- Adjustable Braille pin firmness
- Bookworm mode
- Patented ATC technology

Control/Navigation

- 2 triple action keys

Connections

- 1 USB port - Typ B (PC connection)
- 2 USB ports - Typ A (external keyboard)

Memory

- 16 GB text memory

Battery and voltage

- Battery duration: approx. 20 hours
- Quick charge circuitry: 3 hours

Measurements and Weight

- Measurements (W x D x H): 31,7 x 12,3 x 2,8 cm
- Weight: 900 g

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