

# Active Star

The optimal braille display for mobile use with a notebook



The Active Star with its 40 Braille modules is a Braille system - Braille display and notetaker in one. The footprint for the laptop computer can be individually adjusted by a pull-out tray mechanism. Via up to 3 wireless Bluetooth connections, e.g. smartphone, tablet, laptop, the Active Star provides access to the internet and your e-mail on the go. Operating systems of mobile devices, such as iOS, Android or Chrome OS, are supported by the Active Star. Thanks to 16 GB of internal memory, the Active Star can be used at any time to take notes and read books without being connected to an external device.

- 40 concave Braille elements with cursor routing
- flexible adjustable footprint
- included PC keyboard, fixed via magnets
- integrated notetaker functions such as Editor, calculator and organizer
- compartment for smartphone
- HTCom software - for easy transfer of files
- ATC technology: detects the reading position and automatically scrolls forward
- battery life up to 40 hours
- MusikBraille - compose your own pieces of music

## Active Star - perfect for school and study

### As a braille display

Thanks to the integrated HID (human interface device) technology, the Active Star is automatically recognized by computer systems and will run without the need to install a driver.

Windows screen readers such as JAWS, Supernova or NVDA can be used with the Active Star with either a wireless or Bluetooth connection. Mobile devices, such as Apple iOS, Android or Chrome OS also offer support for the Active Star.

The included keyboard and the patented ATC-technology offer a unique braille reading and writing experience for users of the Active Star.

### As a note-taking device

The Active Star can be used as a stand-alone system anywhere at any time to take notes or read a book without needing to be connected to a computer or other external device.

Many note taking features such as an editor, calculator, timer, alarm clock to name a few are built-in to the Active Star.

Interactive games and MusikBraille are unique features of the Active Star that makes learning to read and write in Braille fun and engaging.

### Easy transfer of notes

Notes taken on the Active Star during a meeting or at school can easily be transferred to a Windows PC. The patent pending „Direct Transfer“ function allows the user to quickly and easily transfer text to a computer regardless of it's operating system. Simply open a text editor like word on the PC, or Pages on the Mac, press the hotkey Chord E (Space+1 5 7) and notes taken on the Active Star will directly be transferred to your text editor of choice.

The Active Star can also be detected as a mass storage device. This allows for the transferring of files using the same familiar file management methods you would use with any other external drive or memory stick.

The file transfer program HTCom allows converting text to contracted Braille or translating it back to computer Braille. HTCom also allows transferring information straight from the internet to the Active Star.



### Flexible and adjustable

The Active Star is optimized for use with a laptop computer. The tray mechanism of the Active Star allows adjusting the size to various laptop computers.

For compact laptops there is enough room within the carrying bag provided with the Active Star to accomodate most laptop computers.

## **MusikBraille**

Active Star offers a unique function to discover your musical talents: The patent pending MusikBraille plays back the music notes while typing them. MusikBraille takes advantage of the integrated ATC-technology.

By detecting the reading position on the Braille display, the music notes are converted directly into the corresponding sound.

Due to the new polyphonic sound technology, several instruments, such as piano or guitar, can be chosen for playback. The built-in stereo speakers as well as the head set jack guarantee a good quality listening experience.

You can even directly modify musical pieces using the easy to use music editor.



## **Learning Braille through play**

Fun, interactive games implemented in the Active Star is used to support the Braille learning process.

## **Supports Braille teachers**

In order to support Braille teachers, Active Star offers the ATC analyzing tools ATC-Log Analyzer and ATC-LogPlayer. The tactile reading flow can be analyzed by the ATC-LogAnalyzer and detected reading positions are saved in a Log-file.

The ATC-LogAnalyzer allows the detection of inconsistencies within the reading flow during a lesson. Difficulties when reading specific characters or character combinations are registered and well-documented.

The ATC-LogPlayer presents the reading flow of a student in real time on the computer screen.

## **Book-reading mode**

Enjoy reading books from beginning to end with the Active Star without the need to press the scroll button continuously.

The Braille automatically scrolls to the next line once the line has been completely read. The ATC technology makes Braille reading fun. Advanced Braille readers with a very soft touch also enjoy reading books from beginning to end in Bookworm mode.



## Smart Access

With its integrated wireless Bluetooth interface, the Active Star offers convenient access to various smart phones. Some smart phones be placed into the small compartment underneath the tray mechanism. Access to all of your favorite mobile apps may then be controlled from the keyboard of the Active Star.



## Mobility is the key

The Active Star is compact and light weight. The 22 mm height of the housing and its weight of 1090 g, makes the Active Star an ideal companion. Using lithium technology as rechargeable batteries, the Active Star reaches an impressive battery life of 40 hours. Using the handy carrier bag with the shoulder strap, the Active Star can be easily carried anywhere.

## Perfect ergonomics

The unique concave Braille cells of Handy Tech-braille displays allow reading Braille in a relaxed hand position. Also the magnetic fixture of the keyboard, that keeps it always in the right place, is unique.

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## Technical Data

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### Input/Output

- 40 piezoelectric Braille cells
- Compact QWERTY keyboard
- 8 Braille keys
- 2 space keys
- Patented ATC technology
- Bookworm mode
- Mini loudspeaker
- Polyphonic sound chip

### Control/Navigation

- 2 triple action keys

### Connections/Interfaces

- 1 USB- Typ B (PC connection)
- 2 USB ports - Typ A (keyboard connection)
- 1 plug for head set 3.5 mm
- Multiple Bluetooth technology (up to 3 devices)

### Memory

- 16 GB text memory

### Battery and voltage

- Lithium rechargeable Batteries
- Battery duration: 40 hours
- Quick charge circuitry: 3 hours

### Measurements and Weight

- Measurements (W x D x H):  
32,2 x 21,9 x 2,2 cm, 3,7 cm with keyboard  
(12.6 x 8.6 x 0.9 inches, 1.4 inch with keyboard)
- Weight: 1090 g, 1430 g with keyboard  
(38.4 oz, 50.4 with keyboard)

