

Braille Technology

The future of braille technology at APH is bright.

Our roadmap of braille technology products is designed to spark innovation and improve the likelihood of school, college, work, and overall life success.

BrailleBuzz™

The handheld [BrailleBuzz](#) device is an instructional tool for young braille learners ages two to five. It promotes early literacy skills and encourages practice with braille characters and phonics, similar to a variety of audio-based toys that teach print writing. BrailleBuzz resembles a cartoon bumblebee, encouraging little ones with audio feedback.



Polly

An electronic Wi-Fi enabled braille learning device that teaches reading, typing, writing, vocabulary, and spelling in both contracted and uncontracted braille using a gamified approach.

Polly includes a 6-dot braille keyboard, an electronic slate, a speaker for instruction and feedback, and an online teacher portal, Helios, that allows remote access and progress monitoring for educators/parents. Teachers can create individualized lessons and customize the order for student's learning needs through Helios.



Chameleon™ 20

Developed specifically for education, with teachers and school-age children in mind; the [Chameleon 20](#) enhances the classroom experience through innovation with a fun, positive technology experience that reinforces the joys of reading and writing. This sleek, 20-cell refreshable braille display with a Perkins-style keyboard connects to multiple devices via Bluetooth®, and includes an editor, book reader, calculator, clock, and file manager so the device can also be used as a stand-alone notetaker. Now includes Text-to-Speech to further support braille literacy!



Mantis™ Q40

Keep braille at your fingertips anytime, anywhere, with the [Mantis Q40](#): a Bluetooth keyboard and 40-cell refreshable braille display. With the Mantis, users no longer need to choose between a keyboard or a braille device – at the same time a student or professional is typing on the Mantis, the refreshable braille below the keyboard is providing a multimodal braille complement to the screen reader, making it easier to participate in, and succeed at, school or work. Connect to other devices via USB or Bluetooth, or use the Mantis by itself to read books, edit and manage files, check the date and time, and make basic mathematical calculations.

