APH Products

for the

Assistive Technology Industry Association (ATIA)

2021 Virtual Conference
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 Q40, 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. The Mantis can be used as a host or stand-alone device. 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.

Watch this video to learn more.
**Chameleon 20™**

Designed specifically for students, the Chameleon 20 is a portable 20-cell braille display with a Perkins-style keyboard that can be used in and outside of the classroom to improve braille literacy skills. With two modes of connectivity, Bluetooth and USB, students can connect the Chameleon to a computer to do research and edit assignments. The Chameleon can also be used as a stand-alone notetaker, allowing students to edit and manage files, read books, check the date and time, and make basic mathematical calculations.

**Braille Trail Reader LE**

Start your students’ braille journey with a positive technology experience that allows them to discover the joys of reading and writing. The Braille Trail Reader LE is a customized, limited edition version of HumanWare’s Brailliant™ BI14 braille display, developed exclusively for teachers and students. The proprietary Braille Trail Reader File Transfer Windows® app enables teachers to easily read and transfer files to and from their students’ Reader. Students can take notes and create, edit, and read text and braille files, enhancing the classroom experience. Visit braillebug.org for additional resources, including more information about braille literacy, and engaging and inclusive student activities, and to order a complementary classroom kit.

View a comparison chart of APH refreshable braille displays.
Braille Embossers

PixBlaster™
PixBlaster is an embosser that combines tactile graphics with braille text. This embosser easily produces double-sided interpoint braille with smooth, rounded dots for improved readability and industry-leading tactile graphics with variable dot heights for color representation. Simply connect to Wi-Fi, use BrailleBlaster, and emboss using 12-inch wide tractor-fed paper.

PageBlaster™
PageBlaster is a portable and powerful braille embosser for continuous fanfold paper. The tractor-fed design provides smooth paper handling. Utilize the embosser’s Wi-Fi capability and connect to BrailleBlaster to produce double-sided interpoint braille.

View the comparison between these two embossers here.
Jupiter Portable Magnifier™

Whether it’s in the classroom, workplace, or at home, this powerful HD magnifier allows you to continue those activities that bring joy to everyday life, while exploring new opportunities for lifelong education. This easy-to-use, yet powerful magnifier features reading, distance, and self-view modes with over 30 contrasting colors, an LED screen, and much more!

Learn more about Jupiter and its contribution to a student’s academic success.

MATT Connect™

Learn up close and personal. The MATT Connect is a magnifier, distance viewer, and smart tablet, all in one device. Customize your learning experience by choosing simple magnification settings or the feature-rich software options. A preloaded APH accessible software package provides expanded educational value.

Already own a MATT Connect? Get the most out of this revolutionary product with these MATT Connect training webinars.
Low-Vision Solutions

**Video Mag HD™**

Perfect for students and adults, *this handheld magnifier* provides crystal-clear, full-color images by magnifying whatever appears under its auto-focus HD camera by 2x-13x. Ideal for viewing small print labels, price tags, receipts, and more.

**Juno – Coming Early 2021**

Magnify and read text aloud with the press of a button. Juno is a portable handheld magnifier with a 7-inch matte LCD screen, 2x-24x magnification, 21 high-contrast color modes, and 4 GB of internal storage. Read and save multiple page documents with ease or use Juno’s writing view for short writing tasks such as filling out forms and worksheets, signing your name, or writing a check.

Listen to [this audio segment](#) to get more information about APH’s family of magnifiers.
Sensory Learning Kit (SLK)
The Sensory Learning Kit is designed to help develop the curiosity of even the most challenged learners, and contains a set of sensory items and written materials to create daily schedules, lesson plans, and alternative assessments for play or functional routines.

SAM: Symbols and Meaning
The SAM guidebook provides strategies for developing a strong sensory foundation for concepts about people, objects, actions, and places so that symbols referring to them are meaningful.

The 18 SAM games are used to reinforce the meaning of symbols learned in natural environments and to expand the use of symbols to communication contexts, like books.

Tactile Connections
Tactile Connections Kit: Symbols for Communication helps teachers create a tactile card system that is individualized for visually impaired and blind learners who have additional disabilities and/or lack a formal means of communication or literacy. The tactile symbols are created when part of an object is mounted on a hand-sized card representing core vocabulary categories (e.g. people, places, actions, objects, etc.). This kit provides some of the essential components that assist in a system’s construction and application.
STEM

**Code Jumper™**

Jump-start students’ interest in computer science with Code Jumper! Originally designed by Microsoft and developed by APH, this fun and engaging product takes block coding off the screen and puts it on the table in front of you, making it accessible to all students. Brightly colored plastic pods with oversized buttons and knobs are connected by “jumper cables” (thick cords) to physically create computer code that can tell stories, play music, and even crack jokes.

More resources and information about Code Jumper can be found [here](#).
Snap Circuits® Jr. Access Kit

Snap Circuits Jr. teaches children 8 and older about circuits, current, resistance, switches, motors, and other basic electronics concepts. Sold in stores, Snap Circuits Jr. is widely used in classrooms because the parts are durable, colorful, and easy to assemble into projects that illuminate, make sounds, and more. The Snap Circuits Jr. Access Kit, which is sold exclusively through APH, includes the commercial product and makes it accessible to blind and visually impaired users by providing parts labeled in braille, along with written project instructions in braille and large print.

Snapino™ Access Kit

Calling all aspiring programmers! Snapino, a commercially available product, has been made accessible for students who are blind and visually impaired. Snapino Access Kit is an introduction to the open-source Arduino® hardware-software coding environment. Use both the Snapino and Snap Circuit Jr® kits together to design larger circuits with speech capabilities.

Accessible Code & Go Mouse – Coming Soon!

The Accessible Code & Go Mouse provides a hands-on introduction to coding concepts and tactile graphics as children program Colby the mouse to find his way to the cheese. This product also teaches if-then logic as well as problem solving, critical thinking, O&M, and route planning skills.

RC Snap Rover® Access Kit – Coming Soon!

Build and learn about the exciting world of electronics with the RC Snap Rover Access Kit. Students and parents alike can use the included colorful Snap Circuits® parts to construct AM and FM radios, digital voice recorders, burglar alarms, doorbells, and much more. Combine the RC Snap Rover Access Kit with the Snap Circuit Jr® and Snapino® kits to open a world of possibilities for electronics and coding projects.
Software

BrailleBlaster™
BrailleBlaster is a free transcription program developed by APH. This software allows transcribers the ability to provide blind and visually impaired students with braille textbooks on the first day of class. Download BrailleBlaster for free today.

JAWS and ZoomText Annual Student Licenses

JAWS
For only $90 per annual subscription, students who are blind and visually impaired can easily navigate, read and write documents, and create presentations from their school PC, remote desktop, or from home. JAWS provides speech and braille output for the most popular computer applications. This software is also helpful for the working adult, at home or in the office.

ZoomText
For only $80 per annual subscription, students with low vision can enlarge and enhance everything on their computer screen. ZoomText also echoes your typing and essential program activity, and automatically reads documents, web pages, and email.

Using the new Software License Portal, teachers and administrators can manage their licenses and move them between computers. Licenses are registered directly to an email address. Software can be installed on all versions of Windows® 7, 8, and 10.
Apps and Games

Mobile/Desktop Apps, Skills/Actions
Enjoy hours of fun and learning with APH’s variety of apps for desktop and mobile devices. Amazon Alexa® and Google Assistant™ users can also join the party by trying out these APH skills and actions.
BrailleBuzz™

BrailleBuzz is an instructional tool for young braille learners, ages two to five. It encourages practice with braille characters and phonics, similar to a variety of audio-based tools that teach print writing. Resembling a cartoon bumblebee, BrailleBuzz encourages little ones with audio feedback, a friendly recorded human voice, and fun sounds, paired with a Perkins-style braille keyboard, designed with little hands in mind.

Joy Player

Enjoy jamming to your favorite music or listening to your favorite audio-book on the easy-to-load, switch-activated Joy Player.

Designed to be used with the personal music player routine in APH’s Sensory Learning Kit (SLK), the Joy Player allows individuals to access music and audio books by playing WAV or MP3 files that are copied onto SD cards, USB flash drives, and Digital Talking Book (DTB) cartridges.

A chute helps players guide the cartridge into the Joy Player. Twist-on caps (with accompanying rings) reduces the number of button switches on the device. There are five button switches that operate – from left to right – the following tasks: decrease volume, back to the previous song (reverse), play/pause, advance to the next song (fast-forward), increase volume.
LED Mini-Lite Box

The LED Mini-Lite Box is an all-inclusive person-centered learning tool for students who are visually impaired. Students with CVI and other disabilities can benefit from the Light Box Materials kits and commercially available mounts that can be attached to the LED Mini.