

# Orbit Reader 20

## Breakthrough Price! Available Soon!

---



The high cost of refreshable braille devices (mechanical braille generated by computer-driven pins) has remained nearly constant for over 30 years. The Transforming Braille Group LLC agreed to fund development of a new technology proposed by [Orbit Research](#).

**This technology will make it possible for APH to offer the Orbit Reader 20™ for only \$449!**

[Learn exciting details of the Orbit Reader 20 in this special article by APH's Larry Skutchan.](#)

## Orbit Reader 20: Refreshable Braille for *Everyone!*

---

Working with Orbit Research, APH is proud to announce that the **Orbit Reader 20 will be available soon!**

The Orbit Reader 20 will have a price point dramatically lower than similar devices on the market today. The Orbit Reader 20 is a small, portable device featuring:

- Refreshable display of 20 braille cells with pins that represent any six- or eight-dot braille code
- Reads the contents of files on an SD (Secure Digital™) card for stand-alone operation
- Connects to computers and portable devices via USB or Bluetooth™ for use with a screen reader
- Braille input keys
- Includes simple note-taking capability
- Rechargeable batteries (user replaceable)

## Using the Orbit Reader 20

---

**As a Stand-Alone Device:** Users can read braille content stored on an SD card that plugs into the Orbit Reader 20. Content is loaded onto the card in one of two ways:

- Sent by a library
- Prepared on a computer and copied to the card

**Connected to a Computer or Tablet:** Users can connect the Orbit Reader 20 to a computer or portable device that uses a screen reader to:

- Use apps like Kindle®, Adobe Digital Editions®, or iBooks® to read commercially available titles in braille

- Employ any accessible technology for browsing, utilities, and education

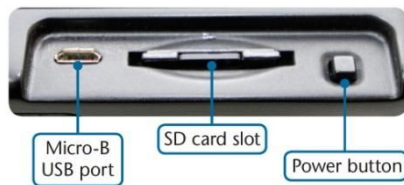
**Read High-Quality Transcribed Braille:** There are multiple sources of available files transcribed into high quality braille. Some examples are: the National Library Service (NLS), American Printing House for the Blind (APH), and National Braille Press (NBP).

**Read “Quick and Dirty” Braille:** You may also use free translation software on the web to obtain “quick and dirty” braille. Some examples are: bookshare.org (generates braille formatted files from the titles in its library); DAISY Pipeline; and APH’s “[Send to Braille](#).”

For additional information, including the Orbit Reader 20 User Guide and What’s New, go to [tech.aph.org/or20](http://tech.aph.org/or20).

## Features

---



- 20 eight-dot refreshable braille cells
- Eight braille input keys and space bar
- Five-way arrow and select control keys
- 2 panning control bars
- Micro-B USB charging/communication port
- SD card slot
- Power button
- Bluetooth radio

## Will be Available for Order Soon!

---

Orbit Reader 20: \$449.00 + shipping

**Note:** *The Orbit Reader 20 will be available to both individuals and Federal Quota customers.*

## Compared to APH’s Refreshabraille 18

---

- **Orbit Reader 20 measures** approximately 6.6W x 4.4D x 1.4H inches
- **Refreshabraille 18™ measures** approximately 5.1W x 3.5D x 1H inches.
- **Orbit Reader 20 weighs** approximately 16 oz.
- **Refreshabraille 18 weighs** approximately 11 oz.