



# Neptune

## User Manual

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# Introduction

Neptune is an electronic text-to-speech reading device for people who are blind or low vision. Enjoy having instant access to printed material, such as books, handouts, and letters. Hear them read aloud, in a natural sounding voice, and view the customized, magnified text on Neptune's display screen.

## What's in the box?

- Neptune device
- 13-inch Monitor (1-00431-00)
- HDMI cable
- AC Power Supply/Charger (1-00432-00)
- Keypad (1-00433-00) with USB charging cable
- Carrying Case

## Unpacking and powering up Neptune

1. Place the Neptune on a flat surface. Press the Open/Close button located at the back of the far-left side and lift the Neptune body off the base until it clicks into place.
2. Plug the power adapter into an outlet and plug the other end into the Neptune power port located on the right side of the Neptune body, just above the round Power button.
3. Press and hold the round Power button located on the right side of the body for three seconds. You will hear the beeps and soon after the phrase, "Place your document."

To power Neptune off, press and hold the Power button for three seconds. You will hear three short beeps which indicates Neptune has powered off.

To close the Neptune, press the Open/Close button located at the back of the far-left side, and gently fold the Neptune body down.

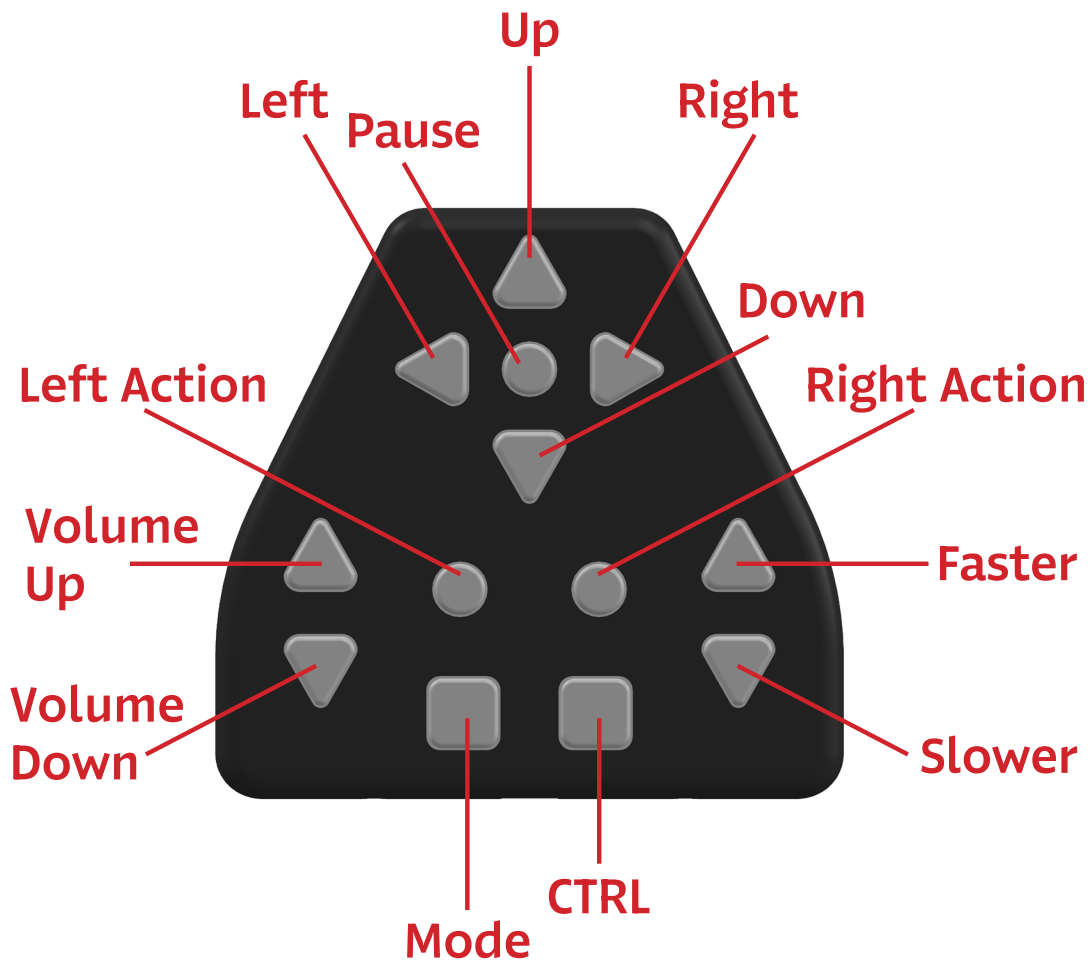
## How to read with Neptune

Neptune can operate in a simple automatic mode and in an advanced mode described later in this manual. To read a document in an automatic mode, place your document on the base, in landscape orientation with the text facing up. Make sure the document is completely still. If needed, hold the document towards an edge to ensure that the text is not being blocked by your hands. Once the document has been placed, you will hear the shutter sound that a camera makes, and in a few seconds, Neptune will be reading your document aloud and displaying it on the screen.

Press the Pause button located on the keypad or remove the document to pause reading. Press the Pause button again to resume.

## Keypad Controls

Neptune is controlled from its keypad. The Neptune keypad is stored on the back of the device in a magnetized cradle and can be easily removed.



**DAISY Buttons:** On the top (narrow part) of the keypad there are four triangular arrow buttons and a circular Pause button in the middle. Those five buttons are DAISY interface. Once the page is scanned it can be navigated with those five buttons like a DAISY player.

**Volume Buttons:** Two triangular buttons on the left. Top button is Volume Up and bottom button is Volume down.

**Voice Speed Buttons:** Two triangular buttons on the right. Top button reads faster and bottom button reads slower.

**Mode Button:** Square button on the bottom left.

**Control Button:** Square button on the bottom right.

**Action Buttons:** Round buttons above the two square buttons are the Left and Right Actions.

**Note:** The Keypad automatically turns off when it is placed in its magnetized cradle on the back of the Neptune. Keep the Keypad in its cradle when not in use. Remove keypad from cradle before using.

To conserve Keypad battery, it will go to sleep if not active. Pressing any key on the Keypad will wake it up. Neptune will sound a short beep when the Keypad is woken up and re-connected.

## Summary of Keypad Actions/Commands

Pause/resume reading	Pause
Move forward/backward	Left/Right Arrow
Forward/backward granularity (character, word, sentence, or paragraph)	Up/Down Arrow
Increase/decrease font size	CTRL + Volume Up/Down
Change text colors	CTRL + Faster/Slower Speed
Enable/disable auto capture	Mode + Right Action
Take a snapshot	Right Action
Change voice/language <sup>1</sup>	CTRL + Left Action
Enter menu	CTRL + Mode
Switch from speaker to Bluetooth	Mode + Left Action
Column mode <sup>2</sup>	CTRL + Right Action

**Note 1:** When switching language, you will hear the beep, then announcement of a new language. If page OCR is not complete, language cannot be switched until OCR is finished. In that case you will hear the beep but not the announcement.

**Note 2:** Reading in columns is enabled for the next scanned page only.

# Menu

Press Mode + CTRL buttons together to enter the Menu.

Below is a table that describes menu navigation:

Command	Button on device
Next menu item	Down Arrow
Previous menu item	Up Arrow
Select item	Pause/Resume
Go back to previous level/Exit	Left Arrow

## Menu Items

### 1. Bluetooth

- 1.1 Scan for devices (if no device is paired, device is paired).  
If a headset or speaker has already been paired, this item will be the paired device.
- 1.2 Exit

### 2. Languages

List of available voices and languages. Each language/voice can be individually enabled/disabled.

### 3. Options

**Flash** – Enable/disable bright flash when taking a snapshot.

**Keypad** – Enable/disable keypad wireless connection.

**Announce End of Page**

**Beeps Volume** – Volume of beeps, including when powering up.

**BT Volume** – Volume of Bluetooth connected headphones or speaker.

**Keep New Lines** – If enabled, Neptune will insert new lines in OCR text after each line in original text.

**Sticky Column Mode** – By default, switching to column mode (CTRL + Right Action) is for one page only and Neptune resets to normal mode after reading the next page. If this option is enabled, then Neptune will read in column mode until it is switched back to regular mode by pressing CTRL + Right Action again.

**Screen Saver** – Select time of inactivity after which screen saver kicks in.

**Exit**

#### **4. About**

Serial number and software version.

#### **5. Exit**

## **Bluetooth**

Neptune is equipped with a Bluetooth module and can output audio to Bluetooth wireless headsets. To use a wireless headset, it must be paired with Neptune. To pair:

- Enter main menu.
- Select **Bluetooth**.
- Enable pairing mode on your headset.
- Select **Scan for Devices**. Neptune will start searching for devices, and after 10-20 seconds will list found devices.
- Use **Up/Down Arrow keys** to select the device you want to pair with. Press **Pause/Resume button** to pair.



To unpair the device:

- Enter main menu.
- Select **Bluetooth**.
- Select Paired Device and confirm that you want to unpair it.

## Saving books with Neptune

Neptune allows you to save books or multi-page documents on a USB flash drive. To scan a book:

- Plug USB flash drive into Neptune USB port located on the left side of the body.
- Wait for the “USB storage detected” announcement.
- Place the first page of the book on Neptune’s baseplate. Wait for the “Page saved” announcement.
- Repeat previous steps for all the pages.

After all desired pages are scanned, press the Pause/Resume button. Neptune will convert all scanned pages to TXT, MP3, and DAISY formats. Books and documents can be named by plugging the USB flash drive into a computer and naming them.

## Reading saved books with Neptune

Neptune allows you to read books previously saved to a USB flash drive. To read a saved book:

- Plug USB flash drive into Neptune USB port located on the left side of the body.
- Wait for the “USB storage detected” announcement.

- Press CTRL + Mode buttons together for three seconds to enter the Menu.

**Note:** If a USB flash drive is inserted, Neptune will enter Book Reading Menu instead of Main Menu.

- Press Down button to scroll to the desired book.
- Press Pause button to select the book. Press Down button to scroll to the desired page.
- Press Pause button to begin reading the page.

**Note:** Although Neptune has an option to convert all the saved books to TXT and MP3 formats, it is not necessary to do that for Neptune to read saved books.

## Advanced Visual Features

Neptune includes a 13-inch monitor that can visually display text as it reads. To use this feature, attach the monitor to Neptune.

To set up the monitor, hang it on the Neptune screen hooks and connect the provided HDMI cable.

To remove the monitor, unplug the HDMI cable, pull back the locking slider on Neptune and remove.

**Note:** Only use the HDMI cable supplied with Neptune.

Once the monitor is attached and connected, all the text read by Neptune is displayed on the screen. The currently pronounced word will be highlighted.

To increase/decrease the font size, press CTRL + Volume Up/Down buttons.

To change the foreground/background colors, press CTRL + Faster/Slower buttons.

**Note:** the default color combination is white text on a black background. This color combination is easier to see for many people with vision loss. This color combination is also optimal for battery life. A white background will consume more energy and will reduce battery life.

## **Neptune**

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