

# The next generation of scanning pen

Enable independent reading with award-winning assistive technology.





## **Pen Part Identification**



## **Best Practices - How to Scan**

In order to scan any text, the Reader 2 needs to be 2 cm away from the start of a sentence.

To start scanning, the text needs to be within the middle of the scanning window, making sure the scan trigger is pressed down and the camera light is highlighting the text.



Once you have completed scanning the word or sentence, it will appear on the screen.



Pressing the middle button will allow you to hear aloud anything that has been scanned, you can do this multiple times if needed.

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# **Menu Guide**



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Settings





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## **Sample Text**

Use the following text to try out the Reader 2:

Harry Potter was snoring loudly. He had been sitting in a chair beside his bedroom window for the best part of four hours, staring out at the darkening street, and had finally fallen asleep with one side of his face pressed against the cold windowpane, his glasses askew and his mouth wide open. The misty fog his breath had left on the window sparkled in the orange glare of the streetlamp outside, and the artificial light drained his face of all colour so that he looked ghostly beneath his shock of untidy black hair.

The room was strewn with various possessions and a good smattering of rubbish. Owl feathers, apple cores, sweet wrappers littered the floor, a number of spell books lay higgledy-piggledy among the tangled robes on his bed, and a mess of newspapers sat in a puddle of light on his desk...

Continued with OpenDyslexic Font:

Though he already knew it by heart, Harry had been stealing glances at this missive every few minutes since seven o'clock that evening, when he had first taken up his position beside his bedroom windows, which had a reasonable view of both ends of Privet Drive. He knew it was pointless to keep reading Dumbledore's words; Harry had sent back his "yes" with delivering owl, as requested, and all he could do now was wait; either Dumbledore was going to come, or he was not.

Passage from Harry Potter and the Half-Blood Prince (Chapter 3 - Will and Won't) by J.K. Rowling.

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# **Sample Text**

Try out different font sizes - minimum to maximum size:

#### 6.5 pt

Somewhere inside all of us is the power to change the world.

#### 8 pt

Somewhere inside all of us is the power to change the world.

#### 10 pt

Somewhere inside all of us is the power to change the world.

#### 12 pt

Somewhere inside all of us is the power to change the world.

#### 14 pt

Somewhere inside all of us is the power to change the world.

#### 18 pt

Somewhere inside all of us is the power to change the world.

#### 20 pt

Somewhere inside all of us is the power to change the world.

#### 22 pt

Somewhere inside all of us is the power to change the world.

Quote from **Matilda** by Roald Dahl





# **Quick Start Guide**

### **Brief Introduction**

The C-Pen Reader 2 is a portable scanning pen which reads printed text out loud using an embedded camera, a real time optical character recognition (OCR) and text to speech (TTS).

C-Pen Reader 2 is designed with the objective to promote active and independent reading with the dedicated purpose to improve understanding and learning.

C-Pen Reader 2 also features Scan to File, mono- and bilingual dictionaries, and a voice recorder.

C-Pen Reader 2 will thus help you to work more efficiently and learn faster. Simply scan and the experience is instant!

#### Holding the C-Pen

The C-Pen needs to be held at almost a vertical angle to be able to scan documents clearly and get good results.

Have the C-Pen leaning slightly away from the text you're scanning (if you right handed, have the pen leaning to the right and vice versa if you are left handed).

Having the C-Pen at this angle will not only help you get more accurate results, but it will also make it harder for the button on the bottom of the pen to be released that starts the scanning.



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## **Device Overview**



- 1. **Power On/Off & Back button:** Press 3 seconds to power device on or off. Press briefly to use as cancel function in the user interface.
- 2. OK button: When a dialog box or options list pops up, press this button to confirm the operation. The OK button is also used to trigger reading text out loud in Text Reader mode.
- 3. 4-way Nav button: Press buttons to move focus up, down, left, right.
- 4. Scan Trigger: Is automatically activated when the pen is in contact with the paper. It triggers scanning and turns on scan light.
- 5. Screen: The device's display screen.
- 6. Microphone: Used to record voice memo.
- 7. Speaker: Used when text is read out loud. Muted when headphones are connected.
- 8. Menu button: Press this button to display context menu (like right mouse click on PC).
- 9. Scanning window: Frames the text to be scanned.
- **10. Headphone jack:** A standard 3.5 mm headphone jack. Speaker is muted when headphones are connected.
- **11. Micro-USB connector:** Used for charging. To charge, connect to USB charger or computer USB port.
- **12. Reset button:** Pressing this button resets the device. It is recommended to use this button only when the device cannot be turned off properly.



