NEW & IMPROVED!

‹C·PEN™ READER 2™

USER GUIDE

Text-to-speech technology
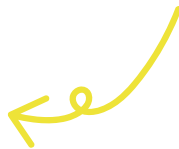
Creates inclusivity and nurtures confidence

Enables reading independence

Assistive Technology Product of the Year

WELCOME

C-Pen Readers are used around the world by thousands of people. The pens are useful in a variety of situations:
- For those with reading difficulties such as dyslexia, autism, ADHD, processing issues, etc
- For those with a low reading or literacy level
- For those learning English & have English as an Additional Language.

The pens encourage reluctant readers to read, can boost self-confidence and reduce reading stress and anxiety.

The new generation of C-Pens feature enhanced processing making it easier to learn and understand. The pens are fast and accurate with many new features.

IMPROVED SPEED & PERFORMANCE	**NEW AI TEXT RECGNITION**	**BIGGER & BETTER INTERFACE**
ENHANCED VOICE RECORDER	**AUDIO BOOST FUNCTION**	**FAST SPEAK OPTION**

The information in this User Guide shows you the general features and will help you navigate around the pen. The Menu Guide shows you where the various settings are, which will enable you to speed the pen up, slow it down, change the accent, left-hand/right-hand modes, and more. The Hints & Tips and FAQs will provide more information on the pen and what it can do. There are many short video clips on YouTube – just search for Reader Pen, C-Pen, or Scanning Pens.

The Reader Pen has received many awards including Australia's Assistive Technology Product of the Year. Scanning Pens has also received the Queen's Award for Enterprise and many industry awards
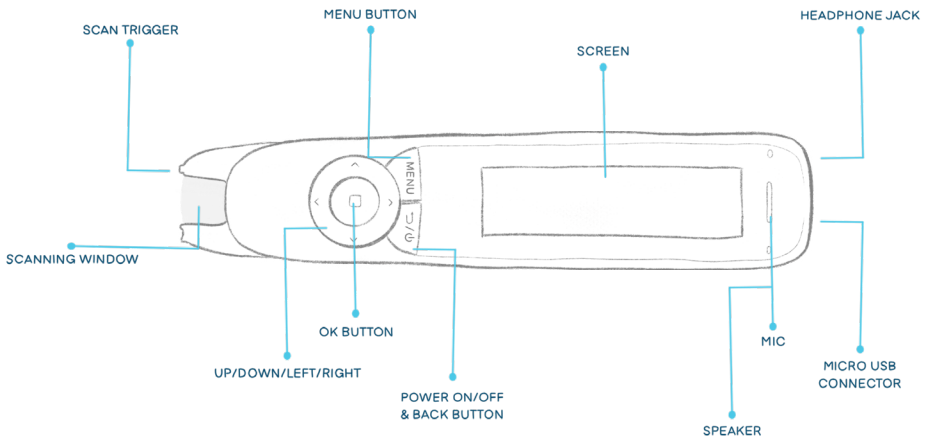
For more information about the C-Pen Reader 2 or any C-Pen product please contact us:
Scanning Pens Australia
**Tel: 02 8855 7100**
Email: auinfo@scanningpens.com

PEN PART IDENTIFICATION

SCAN TRIGGER
MENU BUTTON
SCREEN
HEADPHONE JACK
SCANNING WINDOW
OK BUTTON
UP/DOWN/LEFT/RIGHT
POWER ON/OFF & BACK BUTTON
SPEAKER
MIC
MICRO USB CONNECTOR

FIRST-TIME SETUP

Run Wizard

Talking Menu	Turn Silent Menu On
Menu Language	English
Scan Language	English
Select Voice	Australian English
Left hand/right hand	Select appropriate
Dictionary Language	ENG->ENG
Select Dictionary	OPD
Auto Read	On
Speed	4-5
Volume	Set to Boost 2 is using if built in speaker, or volume 10 if using headphones or earbuds
Word Pause	This will allow each word to have a pause, usually set to 0 (use for students who need slower reading)
Punctuation Pause	2-3 (puts a pause after each punctuation)
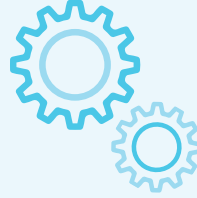
QUICK GUIDE

Quick Guide to Settings Set Up

Text Language	Read Settings	Menu	
English ▷	Speed ●●	Menu Language	Eng
Select Australia	Word Pause ○	Talking Menu	Off
	Punc Pause ●		
	Read Delay 0		

Display	Left/Right-Handed
Brightness ●●	Select as appropriate
Auto Shut Down 5 mins	

QUICK GUIDE - CONTINUED

Quick Guide to Dictionary Settings

Choose Dictionary Icon

Press the Menu button

Choose Dictionary

Dictionary	
Text Language	Eng
Dictionary	OPD

Quick Guide to Text Reader Settings

Choose Reader

Press the Menu button

Auto Read	ON
Scan Mode	Replace

OTHER SETTINGS AVAILABLE TO SET

Brightness	Set best for you
Date	Set the current date use the 12-hour clock
Time	Set the current time
Auto shut down	Set for 5 or 10 minutes
System information	N/A
Software upgrade	N/A
Default settings	You can reboot by going into system settings and choosing default settings and selecting yes reboot

HOW TO GUIDE FOR C-PEN READER 2™

1

C-Pen Reader 2™ User Guide

2
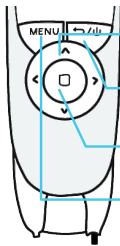
Holiding the pen

Hold the pen at an angle, push down, the light comes on.

75°

3

4

↕ Arrow buttons give more options

⟳ Main Menu, options, back
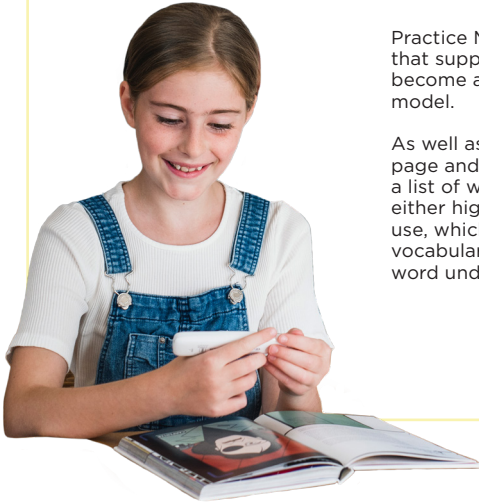
□ Choose

MENU Menu

5

⚙	Run Wizard	▶
	Text Language	▶
	Read settings	▶
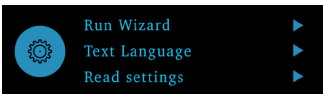
Follow the set up instructions

To **re-set** all of the settings on the pen

MENU ⟳ On ⟶ ⚙ Settings ⟶ ▶ Run Wizard

PRACTICE MODE

Practice Mode is a customisable word review mode that supplements the scan-to-read journey that we've become accustomed to with the original ReaderPen model.

As well as being able to easily decode the words on the page and define them, users now have access to create a list of words that they have investigated further by either highlighting or defining words in their normal use, which can then be used to inform revision areas, vocabulary-building and strengthening word understanding.

LIBRARY MODE
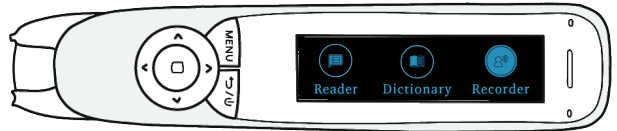
The C-Pen Reader 2 has double the storage of the original ReaderPen, meaning that we can transform more materials into personal learning supports and revision supports to take them with us, wherever we go.

The library is where all the information is stored. You can access saved scanned text, voice recordings or any MP3 files transferred onto the pen.

Make sure that the light comes on when you are scanning words. This indicates that the camera is working

Make sure that the word or line that you wish to scan is in the centre of the scanning area

The centre of the scanning area

To enlarge a word, and hear it again, just press and hold the centre button

You can customise the pen to suit the user. You can change the speed of the replay, as well as pause the replay after punctuation or each word. Try various combinations until you get the setting that is right for you

Avoid scanning these!

Avoid narrow columns, or scanning coloured words on busy backgrounds and laminated paper

If you are having trouble scanning in a straight line, try using a ruler or something with a straight edge as a guide

To get a good result hold the pen at a 70-to-90-degree angle (much like you would a normal pen or highlighter).

Start scanning a little before the first word and lift the pen just after your last scanned word.

You don't have to scan slowly. You can also get an accurate result if you scan quickly.

The pens have settings for both right-handed and left-handed users. In left handed mode, the pen will scan in either direction

The Talking Menu is a very useful feature for visually impaired users

There are three ways to hear the text reader – through earphones, the built-in speaker or you can plug in an external speaker

Once charged, the battery should last for 8 hours of continual usage

There are plenty of helpful webinars every week on the Scanning Pens website! You can access them by scanning this QR code

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How many languages does the pen read?

The Reader 2 reads 3 languages - English, French and Spanish.
The Exam Reader 2 reads 12 languages - English, Chinese (Simplified & Traditional), French, Spanish, Portuguese, German, Italian, Danish, Dutch, Norwegian, Russian & Swedish.

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What storage does the Reader 2 have?

The Reader 2 has both data and voice storage. You can save any scanned text in the Library area and play this back at any time. The Recorder function acts as a dictaphone and will record voice memos or lectures etc. This is also saved in the Library. Voice recordings are saved as MP3 or WAV files. They cannot be converted to text.

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Will the pen read any font and any size of text?

No. The pen will read any standard font - like Arial, Courier, Tahoma, Times New Roman etc. It will read most textbooks, novels, newspapers & magazines. However, it won't read "fancy" fonts with lots of swirls etc. or fonts that are too condensed. The pen will read 6-point to 22-point text. The pen will not read handwriting, computer screens or mobile phone screens.

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How important is the Menu Guide?

The Menu Guide is important as it shows all the settings on the Reader 2 and where they are located. Refer to the Guide when you need to find a particular setting or change an existing setting.

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What technology does the pen use?

The Reader 2 uses OCR which stands for Optical Character Recognition. There is a camera in the base of the pen which photographs the text and converts it to speech. All processing is undertaken on the pen without the need to connect to Wi-Fi or the Internet.

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How many dictionaries are on the pen?

There are five dictionaries built into the Reader 2 – three English dictionaries (the comprehensive Collins, the concise Oxford Primary Dictionary OPD and a North American dictionary), as well as a French and Spanish dictionary.

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How does Auto Read work?

With Auto Read in the 'On' position the pen will start reading once the pen is lifted from the paper or book.
When Auto Read is switched 'Off' you can scan multiple lines or a paragraph and then start the reading when you are ready. Just navigate the cursor to where you want to start reading or press the right arrow to automatically go to the start of the scanned passage.

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Can the Reader 2 be upgraded?

Yes, it is possible to upgrade the firmware on your pen. Go to www.cpen.com and click on Downloads. This will tell you if your pen can be upgraded - please check the serial number (S/N) which is printed on the back of the pen.

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Can you reboot the Reader 2?

There are two ways that you can reboot or reset the Reader 2.
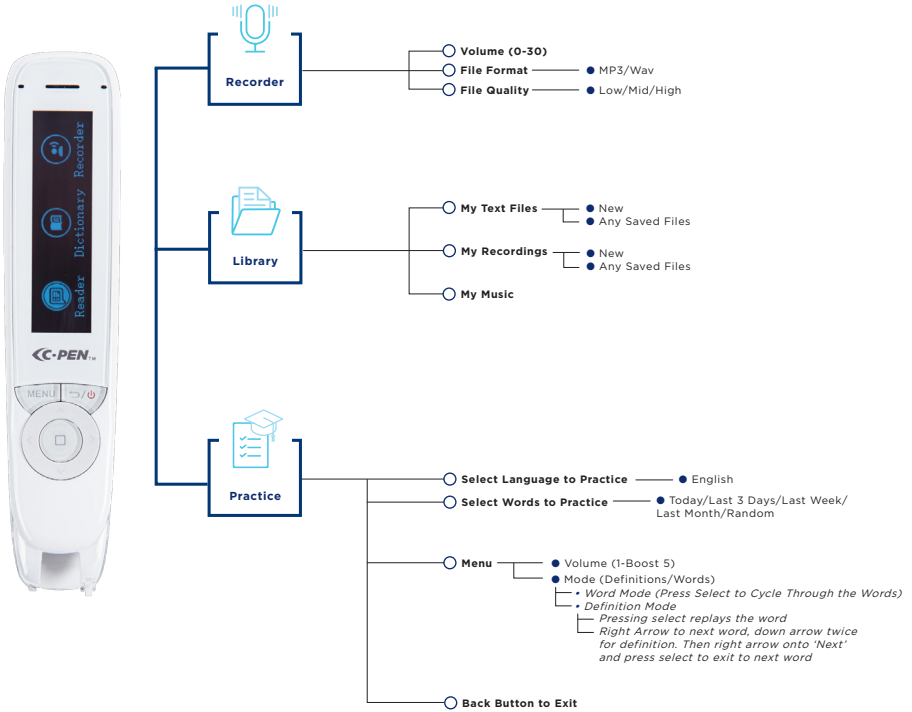
1. There is a Reset button on the back of the pen. Use a paperclip to press the button. You will hear a click. Then press and hold down the on/off button on the front of the pen for approx 30 seconds - this is a hard reset.

2. Under 'System Settings' there is a Reboot option. This is under 'Default Settings'. Note that rebooting the pen will delete data and voice files

C·PEN™ READER 2™

Reader — Scan to read text

Before scanning - menu
- Volume (1-10, Boost 1 - Boost 5)
- Auto Read (On/Off)
- Scan Mode
  - Append
  - Replace
- Text Language
  - English
    - *American/Indian/Australian/British*
  - French
    - *European/Canadian*
  - Spanish
    - *European/Latin*
- Read Settings
  - Speed (0-10)
  - Word Pause (1-5)
  - Puncuation Pause (1-5)
  - Read Delay

After scanning - menu
- Volume (1-10, Boost 1 - Boost 5)
- Clear Screen
- Look up word
- Save to Library
- Auto Read (On/Off)
- Scan Mode
  - Append
  - Replace
- Text Language
  - English
    - *American/Indian/Australian/British*
  - French
    - *European/Canadian*
  - Spanish
    - *European/Latin*
- Read Settings
  - Speed (0-10)
  - Word Pause (1-5)
  - Puncuation Pause (1-5)
  - Read Delay

Dictionary

Before scanning - menu
- Volume (1-10, Boost 1 - Boost 5)
- History
- Dictionary
  - Text Language
    - *English/French/Spanish*
  - Dictionary
    - *OPD/Collins/NOAD (ENG)*
    - *Cordial (FRE)*
    - *Larousse (SPA)*
  - Read Settings
    - *Speed (0-10)*
    - *Word Pause (1-5)*
    - *Punctuation Pause (1-5)*

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Menu Guide P2

Recorder
- Volume (0-30)
- File Format — ● MP3/Wav
- File Quality — ● Low/Mid/High

Library
- My Text Files — ● New ● Any Saved Files
- My Recordings — ● New ● Any Saved Files
- My Music

Practice
- Select Language to Practice — ● English
- Select Words to Practice — ● Today/Last 3 Days/Last Week/Last Month/Random
- Menu — ● Volume (1-Boost 5)
  ● Mode (Definitions/Words)
  • Word Mode (Press Select to Cycle Through the Words)
  • Definition Mode
  Pressing select replays the word
  Right Arrow to next word, down arrow twice for definition. Then right arrow onto 'Next' and press select to exit to next word
- Back Button to Exit

C·PEN READER 2™

Settings

Run Wizard
- Select Talking Menu
  - *• Talking Menu*
  - *• Silent Menu*
- Select Menu Language
  - *• English/French/Spanish*
- Select Scan Language
  - *• English/French/Spanish*
- Select Voice
  - *• British/American/Indian/Australian (English)*
- Select Left/Right-handed
  - *• Left-handed/Right-handed*
- Select Dictionary Language
  - *• English/French/Spanish*
- Select Dictionary
  - *• OPD/Collins/NOAD*
  - *• Cordial*
  - *• Larousse*
- Set Auto Read (On/Off)
- Set Speed (0-10)
- Set Volume (1-10,Boost 1-Boost 5)
- Set Word Pause (0-5)
- Set Punctuation Pause (0-5)

Text Language
- English
  - *• American/Indian/Australian/British*
- French
  - *• European/Canadian*
- Spanish
  - *• European/Latin*

Read Settings
- Speed (0-10)
- Word Pause (1-5)
- Punctuation Pause (1-5)
- Read Delay

Menu
- Menu Language
  - *• English/French/Spanish*
- Talking Menu
  - *• On/Off*
- Speed (0-10)
- Volume (1-10, Boost 1 - Boost 5)

Display
- Brightness (0-15 | 5 dots)
- Auto Shut Down
  - *• 5m/10m/30m/1hr/2hr*

Left/Right-handed — Left/Right-handed **R** or **L**

Date & Time
- Year
- Month
- Day
- Hour
- Minute
- Second

System Info
- Battery Level %
- Storage % Available
- Version
  - *• Software Version*
  - *• System Version*
  - *• Hardware Version*
- About
- Dictionary Info

System Settings
- Exam Lock (On/Off)
- Lock Mode
  - *• Reader*
  - *• Read. + Dic.*
- UI Lock (On/Off)
- Statistics
  - *• Allow Statistics (On/Off)*
  - *• Delete File*
- Software Upgrade (Yes/No)
- Default Settings (Yes/No)

15%-20% of the **population,** has a language based learning disability

Only **59%** of Australian **students** achieve the National Proficient Standard in reading literacy

Over **2.5 million Australians** are dyslexic

Seeing & hearing words together improves comprehension by **76%**

44% of Adults lack the literacy skills required to cope with the demands of modern life

AUSTRALIAN DISABILITY SERVICE AWARDS

ASSISTIVE TECHNOLOGY PRODUCT OF THE YEAR

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