The Intel® Reader
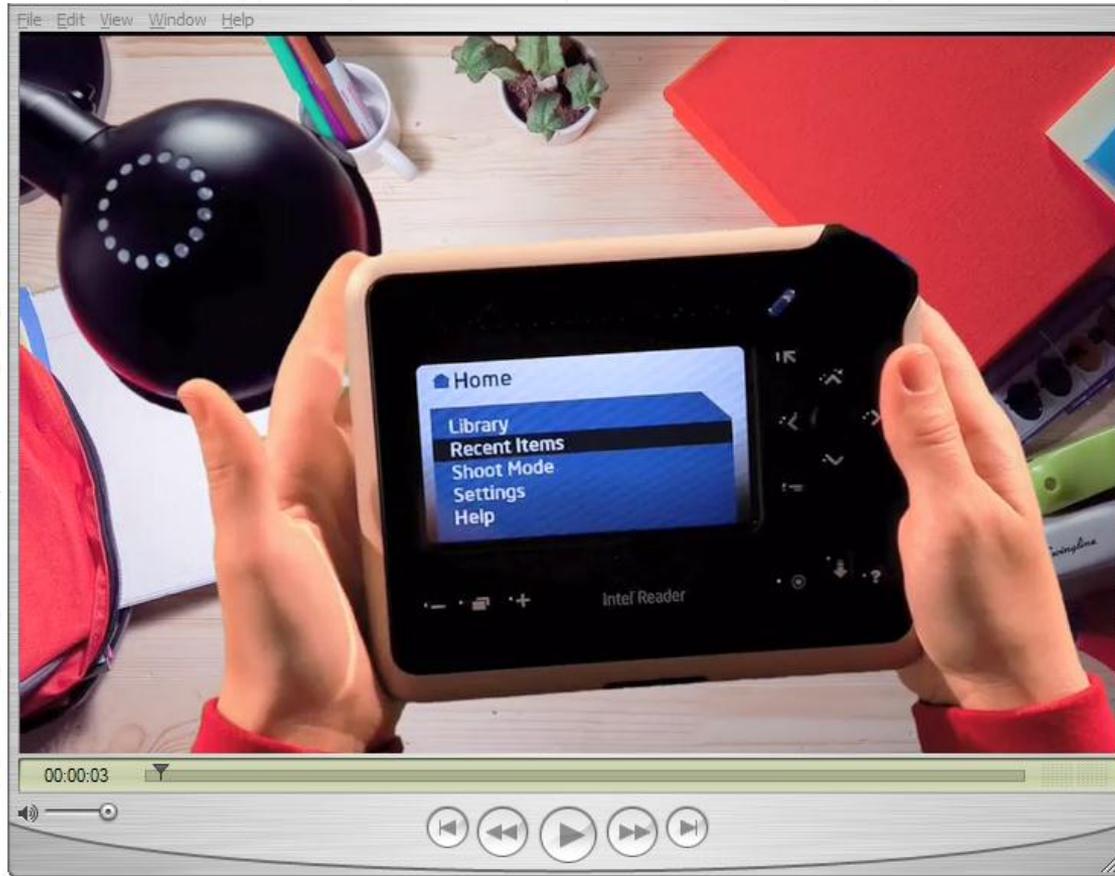
Care Innovations Assistive Technologies
Kris Killough Southeast Marketing Development Manager

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The Intel® Reader

Student

Professional

Senior

Freedom… Flexibility… Independence… Productivity

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Assistive Technology in Education

Basic Requirements

- PL-94-142, ADA, IDEA, FAPE, NCLB, etc…
- Every child deserves a free and appropriate public education
- Educated in the least restrictive environment
- Ability to learn, the ability to work, and the ability for self-care

Institution Goals

- Appropriate IEPs for student achievement
- Keep students in general education classroom
- Reduce material prep time required by teachers
- Reduce AT training cost/time for teachers, students, parents
- Reduce AT equipment and maintenance complexity and costs

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Institution

- Meets the IEP AT needs of students with a learning disability or visual impairment
- Goes with student, eliminates duplicate units in multiple settings
- Little training needed for teachers and parents
- Reduces teacher material prep time
- Less expensive than many other accommodations

Student

- Self-empowered
- Convert text to speech as needed
- Use in class, library, work, home
- Participate real-time in class with peers
- Minimal fine motor skills needed to operate
- Easy to learn in as little as 15 min

Student focus is on "reading to learn" rather than struggling to read

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Mobile to use when and where you need

**Words are highlighted as they are read aloud.
Use buttons to navigate the audio book, change the words per minute
and other settings, or see the original photo of the document.**

Users can create their own accessible audio books

Multi-modal reading

Reduce material prep time

Export Intel Reader created files to other AT devices

Import and playback other content

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Export Intel Reader Files

Intel Reader file types
- **JPG images**
- **DAISY* books**
- **txt file**
- MP3 audio

Use on computer

ClassMate Reader

VictorReader Stream

BrailleNote

READ:OutLoud ®6 TEXT READER

MP3 players

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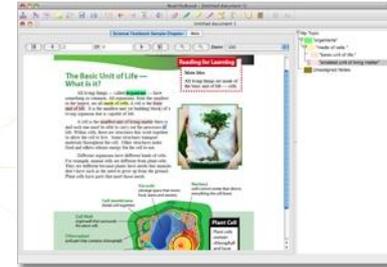
DAISY*/NIMAS* audio books (RFBD)

TXT files

MP3 and WAV

The Intel Portable Capture Station makes it easy to capture multiple pages

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Box Contents

Intel Reader box:

- Reader
- Battery
- USB cable
- Earphones
- Carrying case
- Quick Start Guide
- User Manual
- Warranty
- Audio CD
  - Braille label: "Reader Audio Guide"
  - WAV and audio book of User Manual and the Quick Start Guide
- Power cord and power adapter
  - Braille label: "Intel Reader"
- Practice Page
  - Braille label: "Practice Page"

Intel Portable Capture Station box:

- Capture Station
- Quick Start Guide
- User Manual
- Warranty
- Audio CD
  - Braille label: "Capture Station Audio Guide"
- Power cord and power adapter
  - Braille label: "Intel Reader"

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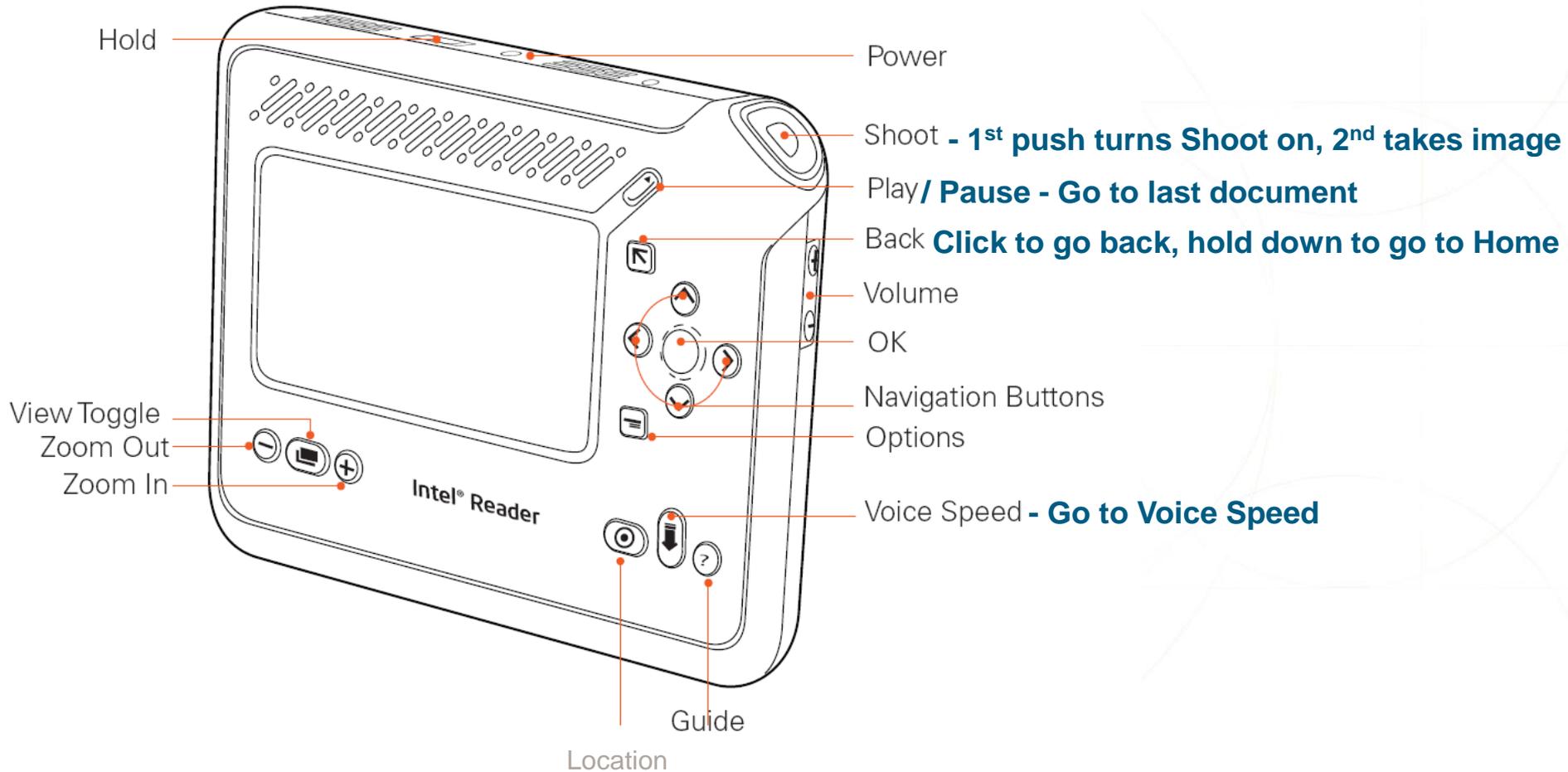an Intel · GE company

Comparison to eReaders

General	Intel Reader	Typical eReaders
Use	*Captures and reads aloud most everyday printed materials*	*Displays books purchased from an online store*
Captures printed text	Yes	No
Read text aloud	Yes	Some
Camera	5 Megapixel	None

Content

Read books	Yes	Yes
Read bills, menus, receipts	Yes	Some
Available content	Captures most any printed text	Limited to Content Marketplace

Accessibility

Spoken menus	Yes	No
Audible tones for all navigation	Yes	No

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Demonstration:

The Intel® Reader

The Intel Reader should not be relied on as the sole means of reading when a reading inconsistency or misreading of written text might put a person at risk for personal injury or economic harm. The Intel Reader is not intended for reading primarily mathematical, scientific or financial data.

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Intel Reader Controls

Hold

Power

Shoot **- 1st push turns Shoot on, 2nd takes image**

Play**/ Pause - Go to last document**

Back **Click to go back, hold down to go to Home**

Volume

OK

View Toggle

Zoom Out

Zoom In

Navigation Buttons

Options

Intel® Reader

Voice Speed **- Go to Voice Speed**

Guide

Location

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Capture Practice Page Point, Shoot, and…

1. Put page sideways on the desk in front of you

2. Press the **Shoot Button**, the Reader will announce "Shoot Mode"

3. Hold the Intel Reader above the page

4. Press the **Shoot Button** again, the device announces "Focusing"

5. The Intel Reader makes a clicking sound similar to the sound a camera makes when you take a picture

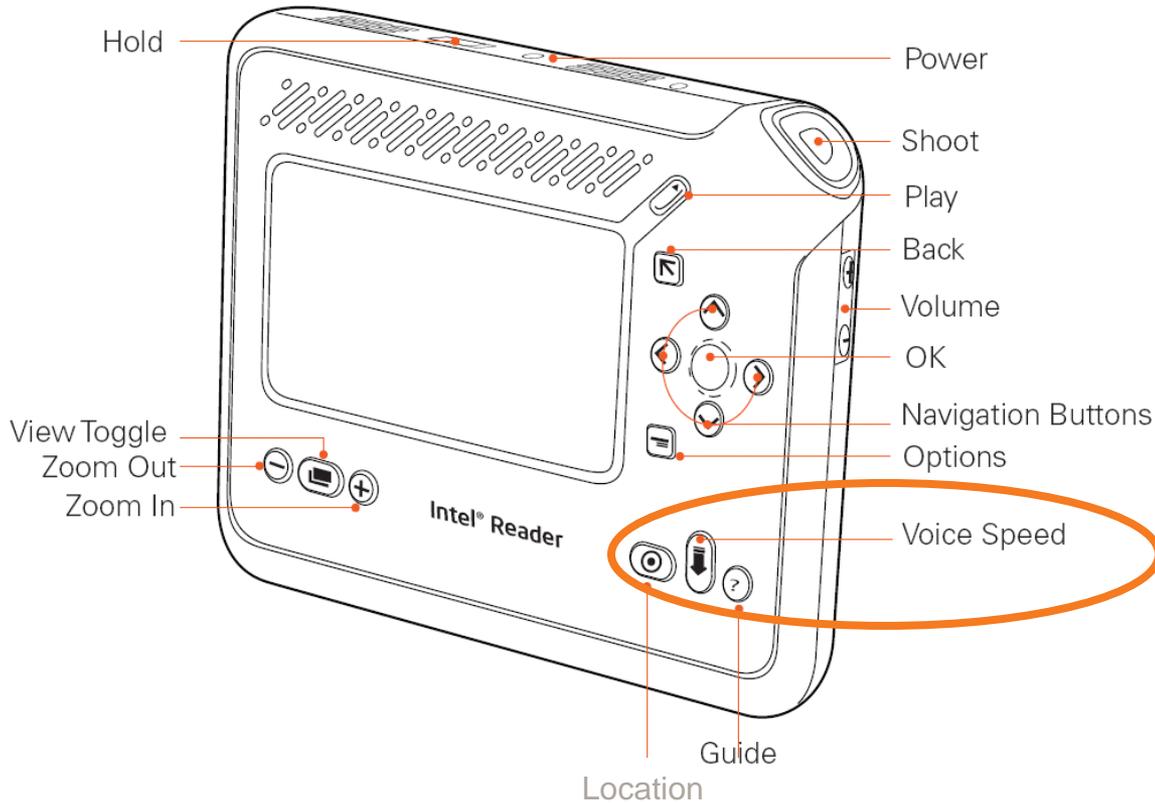6. Turn page upside down and shoot another picture

7. Turn page sideways and shoot another

Shoot Button

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1. Press the **Play/Pause** button to listen to text
2. Press the **Play/Pause** button to stop playback

Play, Pause

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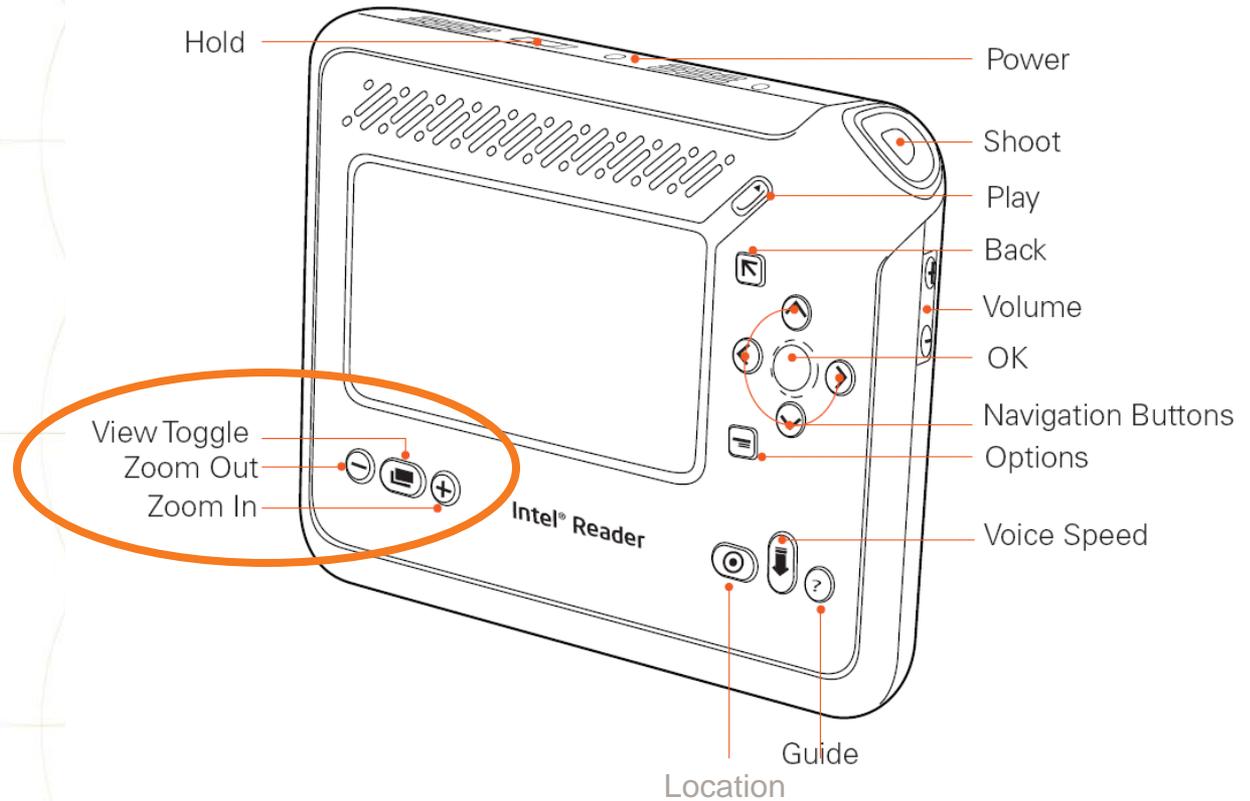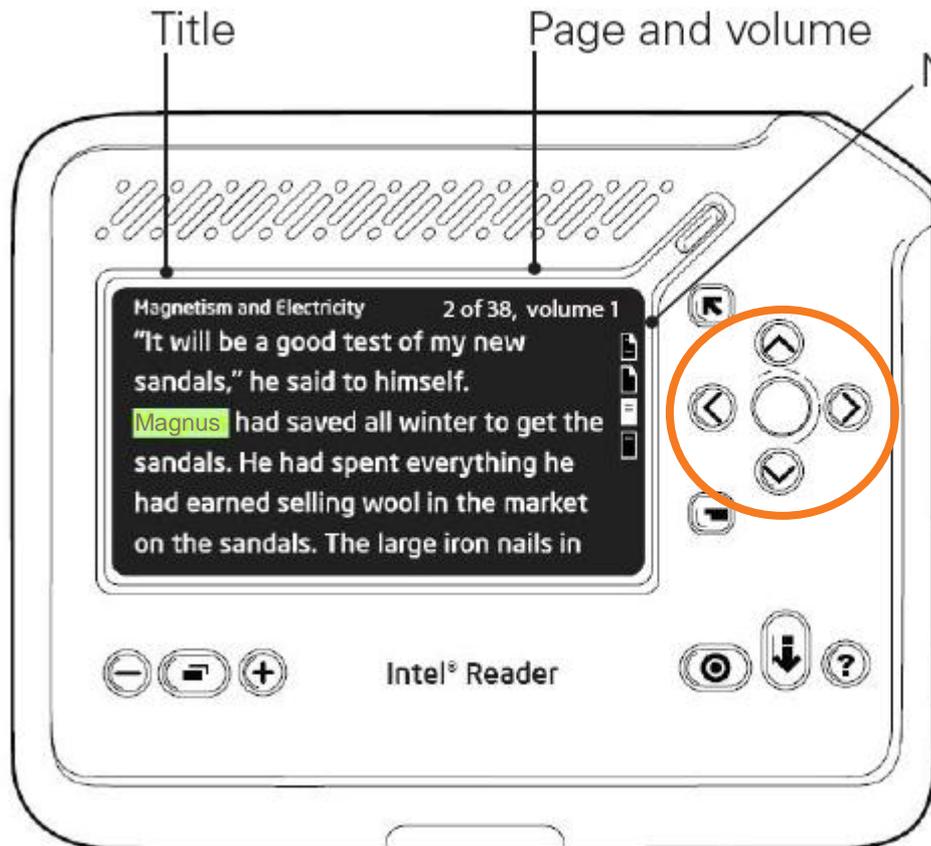
1. Press **Voice Speed** button

2. Use the **Navigation Buttons** to select a different speed

3. Press **OK**

4. Press **Play/Pause** to play the text at the new speed

5. Press **Play/Pause** to stop playback

1. Press **+** button to enlarge the text

2. Press **–** button to decrease the text

3. Press **Play/Pause** to play the text at the new size
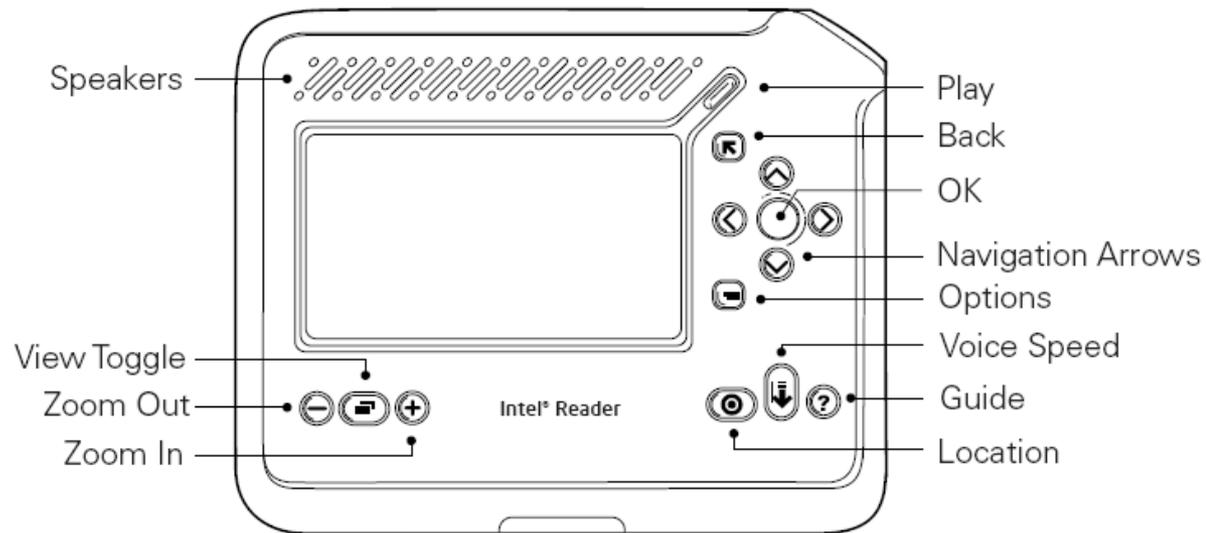
4. Press **Play/Pause** to stop playback

Title

Page and volume

Navigation icons

Magnetism and Electricity   2 of 38, volume 1

"It will be a good test of my new sandals," he said to himself.

Magnus had saved all winter to get the sandals. He had spent everything he had earned selling wool in the market on the sandals. The large iron nails in

Intel° Reader

1. Up/down arrows select navigation level
   - **Heading**, **Page**, **sentence**, or **word**.
   - **Beginning/end** of document (hold down the arrow button)
2. Left/right arrows navigate forward/backward by the selected level

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Other Features Include…

1. **Pause** playback and hold down **OK** button to **spell word**
2. **View Toggle** button toggles between **text** view and **image** view
3. **Options** button will allow you to do such things as:
   - Add pages to the end of a document file
   - Save file as an MP3 audio file
   - Add file to a Category
   - Rename file
   - Delete file
   - Look at file information
   - Go to Location Menu

Speakers

Play

Back

OK

Navigation Arrows

Options

Voice Speed

View Toggle

Zoom Out

Zoom In

Guide

Location

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1. Put slanted part of handle away from you
2. Open case, lay flat, raise arm, swivel cradle
3. Put Intel Reader in cradle
4. Insert mini-USB plug
5. Lay book under hold-down strip
6. Align book to upper left corner
7. Capture area is 12.5" x 18"
8. Press the Blue Button on the front edge of the tray to turn on Shoot mode
9. Shoot at least 4 images
10. Press Play/Pause button

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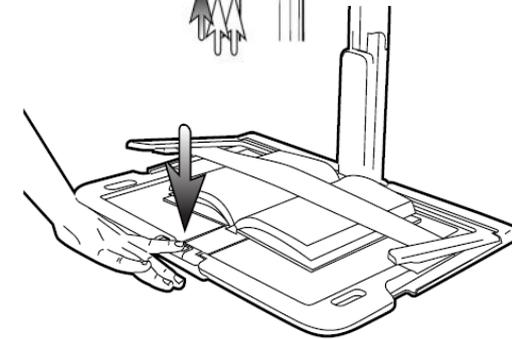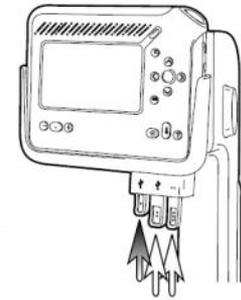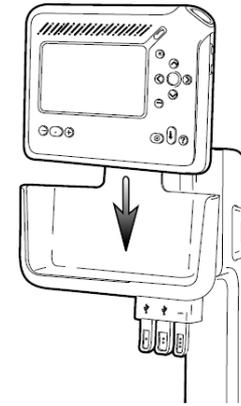
Intel® Reader

Point… Shoot… Listen