



# Juno Tips and Tricks: OCR



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**enhanced**  
vision

**Freedom**  
Scientific

**Optelec**

**TPGi**

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# Learning Objectives

The participant will:

- Evaluate how to use Juno to capture and OCR text.
- Compare using Juno's OCR for a single page capture to capturing multiple pages of a document.
- Analyze how to navigate multipage documents.
- Discover how to save captured images using audio tags.



# Challenges

- You might have questions question what can be scanned and what can't be scanned with the Juno or have concerns about how to capture all the necessary text while scanning.
- You may wonder how to effectively use lighting to capture a good image and control glare.
- It can be difficult to remember what you scanned when you go back to your files at a later time.



# OCR



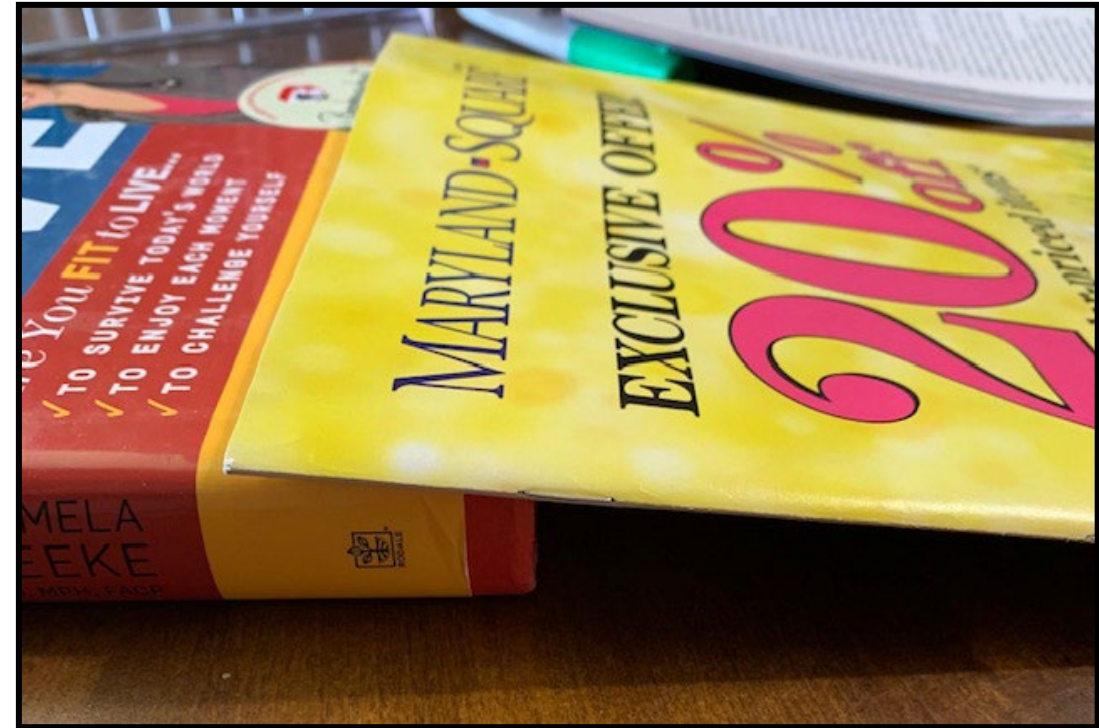
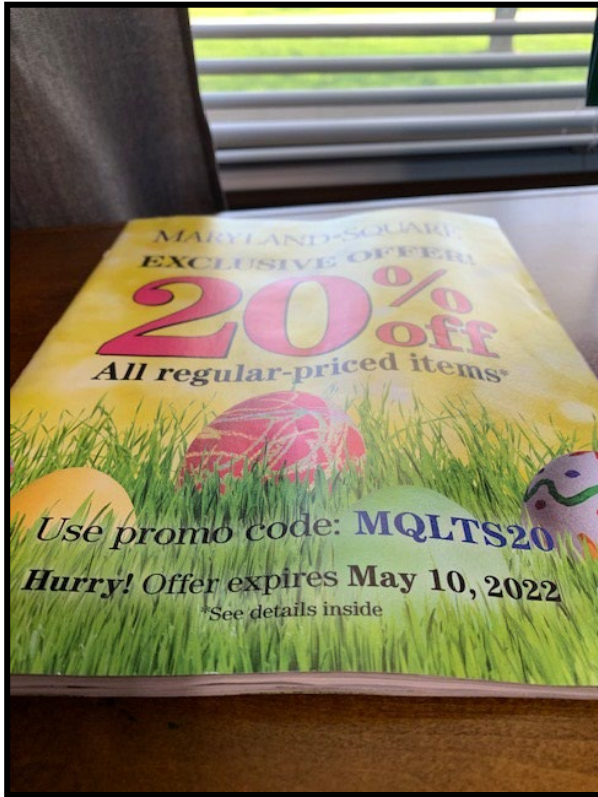
- Optical Character Recognition
- Full page OCR
- Capture multiple pages and page navigation

# Tips for Successful Text Recognition

- Ensure the room has adequate ambient lighting.
- Toggle the **Lights On** or **Lights Off** button . It may help or hurt depending on the angle and the other lighting on the page. To avoid glare when viewing reflective surfaces, such as glossy magazines, turn off the lights.
- For small targets, such as a business card or letter, place a clean white sheet of paper behind the target to eliminate interference.



# Tips for Successful Text Recognition - Glare





# Text Recognition

- Put the material flat on a desk or table.
- Hold Juno flat with the screen up horizontally about 8 inches over the page. When closing the stand the camera rotates down automatically. You may want to stand up and look down at the screen.
- Position your material so it fits within the frame. You can rotate your target material in any orientation. Try turning the page sideways.
- Try turning Juno to get more text in the frame. Juno supports portrait and landscape captures.
- Zoom out to maximize the amount of text that is captured.
- Before pressing the capture button, tap on the screen to focus on the page. Do a visual check to ensure that the text is crisp and not blurry on the screen.
- Hold Juno steady until you hear a click, to take a picture.



# Languages

- English
- Spanish
- French
- German
- Chinese—HK (simplified), Taiwan, Mainland (simplified)



# Taking a Snapshot

- Press the upper right Capture button on Juno to take a picture of the current image. Press it again to return to Live view.
- Taking a snapshot can be useful for reading labels on items. For example, you can move Juno close to items and take a snapshot, then bring Juno close enough for you to read the labels on Juno's LCD screen.



# Saving



- Tap the **Save** button to save the image. The **Add another page?** screen is displayed.
- Tap **No** to save a single image. The **Save Image?** screen is displayed.
- Tap **Yes** to save the image as the default save type, then tap **OK** to confirm. The **Record Audio Tag?** screen is displayed.

# Audio Tags

- To record a name for the file, tap **Yes**. If you tap **No** and do not record a name, Juno gives the file a default name. It may be difficult to keep track of your files if you do not name them.
- On the **Audio Tag** screen, tap the **Record** button.
- Say the file name and tap the **Stop** button. If you want to listen to the name you recorded, tap the **Play** button





# Demonstration #1

# Poll Question #1

What are some tips to optimize scanning and OCR

- Check the lighting conditions
- Hold the camera steady
- Zoom out to maximize the amount of text that is captured
- Tap the screen to focus on the page
- All of the Above



# Single Page Capture

- You can capture a page and either read the page yourself or have Juno read it to you.
- Tap the **Restore** button to display the button bars.
- Tap the **Recognize Text** button to scan the document.
- To listen to the text from the beginning, tap the **Play** button. You can also tap a word or zone to start reading there.



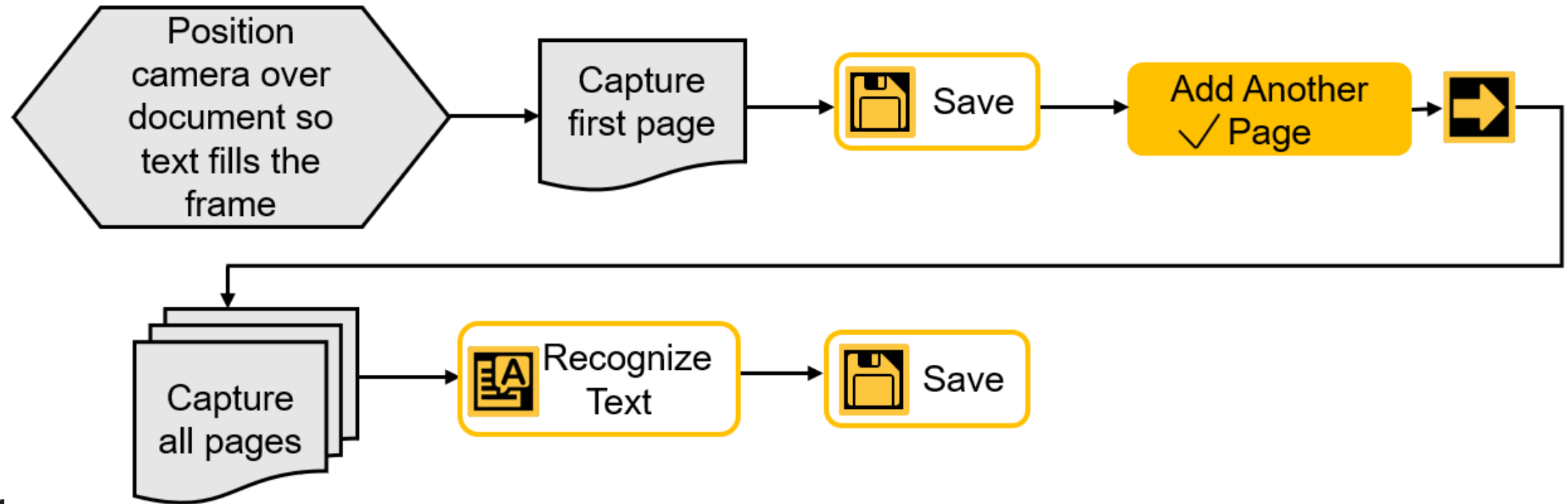


# Multipage Capture

- Press the capture button to scan a page.
- Tap the **Restore** button to display the button bars.
- Tap the **Save** button. The Save screen is displayed.
- Tap **Add another page**, to indicate that you want to create a multipage document.
- Tap **Next** to return to live view and start adding pages.



# Steps for Multipage Capture



# Navigation in Multipage Documents



- To quickly move around a multipage document, tap the **Page box** at the top of the screen. In the menu that is displayed, you can tap a page number in the scrolling list or choose one of the following:

- ➡ **Start of Document** displays the first page of the document.
- ➡ **Previous Page** displays the previous page in the sequence of scanned pages.
- ➡ **Furthest Viewed** displays the furthest location that you have previously viewed.
- ➡ **Next Page** displays the next page in the sequence of scanned pages.



# Demonstration #2

# Poll Question #2

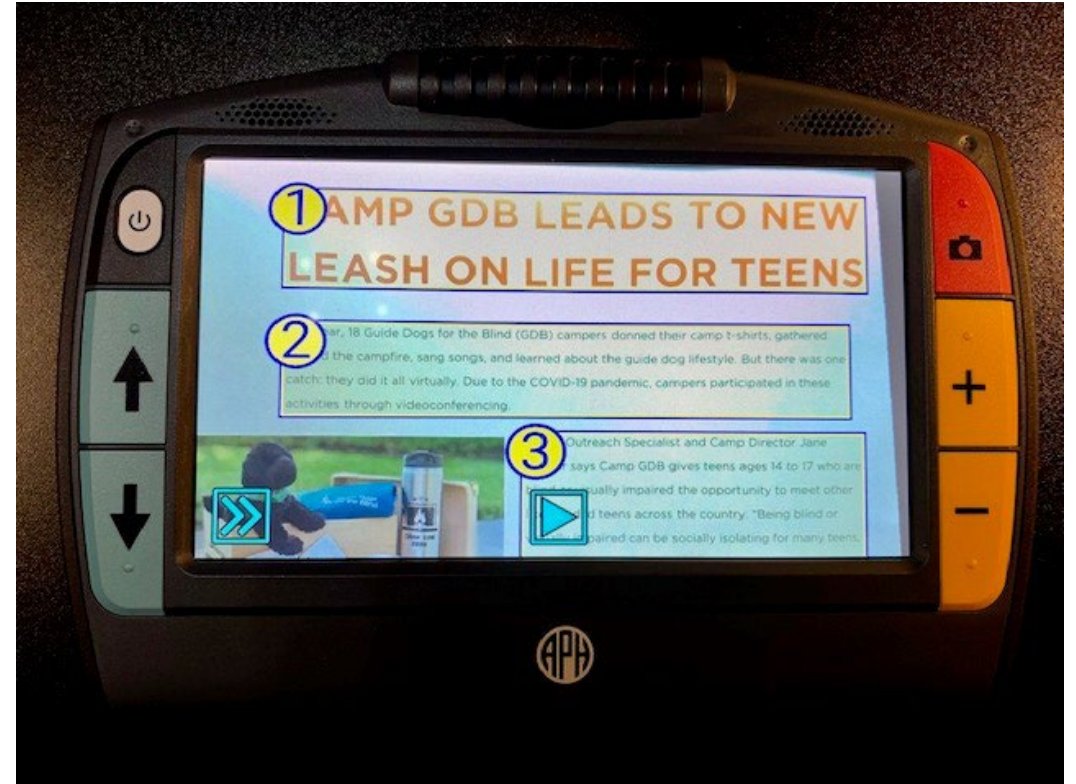
What's the key difference between single page capture and multipage capture?

- Setting up the environment for a successful capture
- Adding a page
- Recognizing text
- Saving



# Using Juno for Instruction

- Reading documents and books
- Zones: quickly jump to different sections in a book or article
- Distance viewing
- Handwriting
- Saving assignments and homework



# Poll Question #3

How can you read using zones?

- Press the capture button
- Recognize text
- Tap the number and highlighted zone you want to start reading
- Press the play button





# Demonstration #3



# Ending Polls

How often do you or your students/clients use OCR on the Juno?

- Several times a week
- Once a week
- Once a month
- Not at all

Is there a skills performance checklist available to monitor student progress?

- Yes
- No
- I don't know

Would a basic magnifier mode and advanced mode make Juno easier to use to separate simple features from more complex features?

- Yes, this would help
- No, I wouldn't use it
- I'm not sure

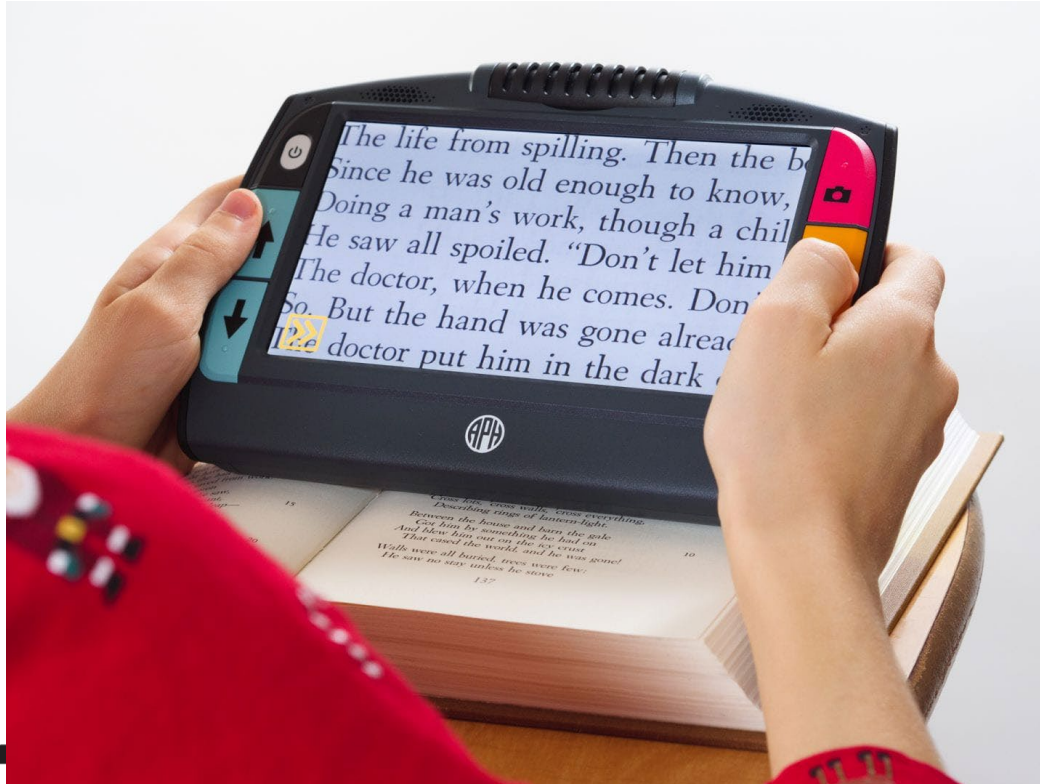


# Discoveries

- The Juno is great at scanning printed materials such as newspapers, magazines and textbooks.
- OCR can greatly benefit those that experience eye fatigue during the day.
- Juno has built in lighting that can be turned on or off depending on your need and the ambient lighting.
- You can scan a full 8.5x11 sheet of paper.
- Audio tags make it easy to find documents you previously scanned.



# Juno Pricing



- Quota Price: \$1,177.00
- Non-Quota Price: \$1,392.00