

## LISTENING DEVICE INSTRUCTIONAL GUIDE

# CD Player - Discman

### Activity

#### WHAT DO YOU SEE? (2 minutes)

- Read out loud the history of the device.
- How would you describe this device to someone who can't see?
- What questions do you have about this device?

#### WHAT DO YOU HEAR? (4 minutes)

- Listen to music on the device by following the instructions.
- How is this device similar to how you listen to music today?
- How is this device different from how you listen to music today?

#### WHAT DO YOU THINK? (2 minutes)

- What are the strengths and weaknesses of the device's design?
- Why is this device not popular today?
- How would you change this device to make it better?

### History

- Sony, a Japanese technology company, developed the compact disc, or CD, with Phillips, a Dutch technology company. The first compact discs were released in 1982.
- CDs are thin, flat, and made of plastic. Using computers, CD makers put microscopic bumps in a long, tight spiral on one side, then covers them in shiny aluminum and a hard cover. CD players use lasers to "read" the bumps and play music.
- The spiral is so tight on the CD that if you were able to stretch the bump spiral into a line, it would be 3.5 miles long.
- A standard CD holds seventy-four minutes of music.
- CD players were immediately popular. In the United States, over 400,000 were sold from 1983-1984, even though they cost over \$1,000 each.
- Sony, the company that released the Walkman in the late 1970s, released the Discman, a portable CD player, in 1984.

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### Instructions

1. Connect the AC POWER ADAPTER found in the case.
2. Connect speakers or headphones to the green output.
3. Press the OPEN button to open the lid.
4. Remove the CD from its case. Handle the disc by its edge (do not touch the surface).
5. Insert the CD (label facing up) by gently pushing in the center until it clicks in the spindle.
6. Close the lid.
7. Press PLAY ► and adjust volume as needed.
8. Press the TRACK SELECTION buttons to select a song. Press ►► to skip forward or hold down to FAST FORWARD. Press ◀◀ to skip backward or hold to REWIND.
9. Press PAUSE || to pause the song, then PLAY ► to resume.
10. Press STOP ■ when finished.
11. Remove the CD by pressing OPEN to open the lid, then place your thumb on the spindle and finger on the edge of the disc, and pull the disc up.
12. Close the lid and place the CD back in its case.

