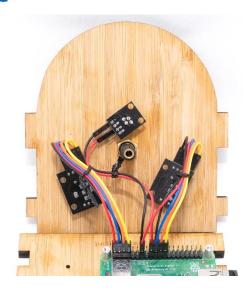
## **Dementia Friendly Music Player**

http://DementiaMusicPlayer.org





#### What is it?

- A music player designed for people with dementia
- I was inspired by the documentary <u>Alive Inside</u> that shows that people with dementia can experience profound joy when listening to their favorite music
- People with dementia have likely forgotten how to use modern devices like phones and CD players
- The vintage style invokes memories from youth as those memories tend to be the strongest
- It worked for my Dad he knew what do without any help!
- So I open sourced the plans and it is working for others too

## Is it easy to make one?

- Yes! No soldering, no woodworking
- You order all of the parts online, and then put them together
- Just follow the step-by-step instructions, takes 3-5 hours

### What does it cost?

- The plans & software are free of course
- You buy the parts from Amazon etc. (I don't sell anything)
- The parts cost \$75-\$215, depending on the model, or \$45-\$120 if you make 10+ units at once

#### What about the wood case?

- Most people order the case from an online laser shop (included in the costs above)
- But you are welcome to laser cut or 3D print it yourself and save some money

#### Where is the music?

• On a regular USB thumb drive

### How do I get started?

Choose a model – see below

# **Choose a Model**

	Use headphones?	Use external powered speakers?	Built-in speakers?	Speakers auto mute with headphones?	Parts cost & notes
Standard Model – Bamboo	✓	√	X	X	<ul> <li>This is probably the model you want – easy to make, versatile</li> <li>Good choice if only used with headphones or only used with external powered speakers</li> <li>If the need is to switch often between headphones and speakers, consider the Deluxe model instead</li> <li>The case is laser cut bamboo</li> <li>Step by step building instructions with photos</li> <li>Parts: ~\$140, or ~@\$65 for 10+ units</li> </ul>
Standard Model – 3D Printed	<b>✓</b>	<b>√</b>	X	X	<ul> <li>Same as the standard model above, but 3D printable</li> <li>3D print it yourself or with your 3D printer friend</li> <li>If the need is to switch often between headphones and speakers, consider the Deluxe model instead</li> <li>Step by step building instructions with photos</li> <li>Parts: ~\$55, or ~@\$45 for 10+ units</li> </ul>
Plus Model - Bamboo	X	X	<b>√</b>	X	<ul> <li>Built-in speakers - not intended for use with headphones or external speakers</li> <li>The case is laser cut bamboo</li> <li>Not difficult to make, but somewhat harder than those above</li> <li>Step by step build instructions with photos</li> <li>Parts: ~\$200, or ~@\$95 for 10+ units</li> </ul>
Deluxe Model – Cherry	✓	✓	✓	✓	<ul> <li>When headphones are plugged in, the built-in speakers automatically mute</li> <li>The case is laser cut cherry MDF</li> <li>Not difficult to make, but somewhat harder than those above</li> <li>Step by step build instructions with photos</li> <li>Parts: ~\$250, or ~@\$120 for 10+ units</li> </ul>