

# Dementia Friendly Music Player

<http://DementiaMusicPlayer.org>



## What is it?

- A music player designed for people with dementia
- I was inspired by the documentary [Alive Inside](#) 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 to 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
 <p><b>Standard Model – Bamboo</b></p>	✓	✓	✗	✗	<ul style="list-style-type: none"> <li>• <b>This is probably the model you want – easy to make, versatile</b></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>• <a href="#">Step by step building instructions with photos</a></li> <li>• Parts: ~\$140, or ~@\$65 for 10+ units</li> </ul>
 <p><b>Standard Model – 3D Printed</b></p>	✓	✓	✗	✗	<ul style="list-style-type: none"> <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>• <a href="#">Step by step building instructions with photos</a></li> <li>• Parts: ~\$55, or ~@\$45 for 10+ units</li> </ul>
 <p><b>Plus Model - Bamboo</b></p>	✗	✗	✓	✗	<ul style="list-style-type: none"> <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>• <a href="#">Step by step build instructions with photos</a></li> <li>• Parts: ~\$200, or ~@\$95 for 10+ units</li> </ul>
 <p><b>Deluxe Model – Cherry</b></p>	✓	✓	✓	✓	<ul style="list-style-type: none"> <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>• <a href="#">Step by step build instructions with photos</a></li> <li>• Parts: ~\$250, or ~@\$120 for 10+ units</li> </ul>