



Windows AudioController



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Summary

A device to switch audio devices in Windows

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Tags: [arduino](#) [audio](#) [wemosd1](#) [windows](#) [serial](#)
[powershell](#)

A device to switch audio devices (e.g. headset < - > speakers) in Windows, change the volume and mute the microphone.

The AudioController is based on a Arduino (wemos D1 mini) which communicates with a Windows Powershell script via serial connection. In addition to the CH340 driver, no other drivers are necessary. No native USB is used.

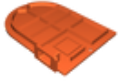
All scripts and other ressources can be found in this project.

more info and how-to:

<https://hackaday.io/project/195503-windows-audiocontroller>

Model files

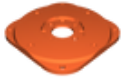
case_lid.stl



case.stl



knoob_base.stl



knoob_variant_standard.stl



display_frame_cover.stl



button_support.stl



buttons.stl



knoob_variant_ribbed.stl



logo_tech_nik_24mm.stl





display_frame.stl

Other files

firmware_03.ino

☐ arduino code

02_audiocontroller.zip

☐ windows code

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