



C.C.H (V.3)

 **Paglia Industries**

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Summary

This is V.3 of the Central Command Hub. The C.C.H (Central Command Hub) is an Arduino powered A.I system that can do a...

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[keyboard](#) [command](#) [system](#) [hub](#) [central](#) [artificial](#)
[intelligence](#) [movi](#) [paglia](#)

This is V.3 of the Central Command Hub.

The C.C.H (Central Command Hub) is an Arduino powered A.I system that can do a variety of things. Basically anything you program it to do.

In this upgrade, the Arduino has teamed up with a Raspberry Pi which gives it a lot more freedom to do a lot more things. I've also added an android tablet so the C.C.H can act as an entertainment system, or your own personal DJ.

Tutorial Link: <https://www.instructables.com/CCH-V3/>

****C.C.H(V.3).zip contains everything from the Mods and Add-ons, to the Arduino and Raspberry Pi codes. It also contains all the SFX wav files, STL files and the Sketchup file.****

Update 06/07/21:

Added V.6 A.I Code Description of what's new can be found in the tutorial under Update 06/07/21

Update 06/10/21:

Added V.6.4 A.I Code Description of what's new can be found in the tutorial under Update 06/10/21

Print Settings

Printer:

Your Choice

Resolution:

200

Infill:

10% or higher

Filament:

Your Choice PLA

You Choose

Notes:

All the parts can be printed without support.

****All the STLs that you need are uploaded. *C.C.H(V.3).zip* contains everything from the Mods and Add-ons, to the Arduino and Raspberry Pi codes.**** Category: 3D Printer Accessories

Model files



Mods and Options

16 files



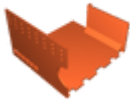
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int-maincover-a-cover-o-2.stl



split-base-a2-mod-1.stl



base-b-split-half-mod-1.stl



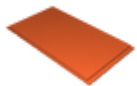
split-base-b3-mod-1.stl



int-maincover-a-cover-o-4.stl



split-base-b4-mod-1.stl



int-maincover-a-cover-blank-original.stl



split-base-a4-mod-1.stl



split-base-a1-mod-1.stl



split-base-b1-mod-1.stl



split-front-speaker-1-o-2.stl



int-maincover-a-cover-o-3.stl



split-base-b2-mod-1.stl



base-a-split-half-mod-1.stl



split-front-speaker-2-o-2.stl



Add-Ons

14 files



socket-end-clamp-slide-on-o-2.stl



usb-aux-socket.stl



socket-end-clamp-slide-on.stl



front-base-mount.stl



pi-cam-mount-base.stl



front-base-mount-o-2.stl



pi-cam-mount-cover.stl



pi-cam-mount.stl



usb-aux-socket-v2.stl



wire-feed-slot-socket-cover-o-3.stl



wire-feed-slot-socket-cover.stl



antenna-hole-socket.stl



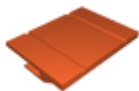
wire-feed-slot-socket.stl



wire-feed-slot-socket-cover-o-2.stl



front-speaker-whole.stl



int-shelf-cover.stl



split-base-a4.stl



front-keypad-2.stl



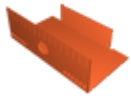
base-b-split-half.stl



base-a-split-half.stl



split-base-b4.stl



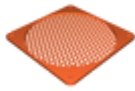
base-whole.stl



int-main-cover-a.stl



split-base-b1.stl



120mm-fan-cover.stl



front-speaker-top-border.stl



pi-screen-case.stl



split-base-b3.stl



split-front-speaker-2.stl



split-base-a1.stl



pi-case-brace.stl



split-base-a2.stl



split-front-speaker-1.stl



int-main-cover-b.stl



int-main-cover-whole.stl



split-base-a3.stl



split-base-b2.stl



front-keypad-1.stl



cch-v3.skp

Other files



Arduino Codes

7 files



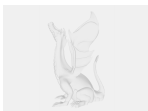
define_modules.ino



responses_command_executions.ino



commands.ino



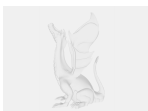
baxter_ai_v5_works.ino



rgb_listening_identifier.ino



subroutines.ino



audio_analyzer_code.ino

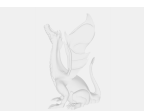


BAXTER

1 file



baxter-rpi-code-v2.txt



cch_v3.zip

[Find source .stl files on Thingiverse.com](#)

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