RGB2HDMI
***Amiga Flicker Free Video**

Denise Socket Edition

First thing you need to do is set the Super Denise / Standard Denise jumper to the Denise you will have.. After that you can just plug it into the Denise socket on your Amiga.

Recommended: Raspberry Pi Zero 1 or 2, non-Zero Raspberry Pi's may have compatibility issues.

• Be sure to place the Raspberry Pi's HDMI video slot facing towards the back of the computer. You connect your monitor to it. *You may need a mini-HDMI adapter depending on your monitor and the Pi you use.*
• Plug the Pi into the twenty-pin socket on the board and install into the Amiga. *Be sure to line up pin 1 of the Raspberry Pi with pin 1 on the 40 pin connector..* **If you are unsure PLEASE refer to the pictures.**
• The small Raspberry Pi LED with notify you that it has power.

If space considerations is an issue you may consider:

• A flat "L" HDMI ribbon cable.
> *A quick internet or Amazon search for "Flat HDMI ribbon cable" will show you some options.*
• A 40-pin GPIO extender cable.
> *A quick internet or Amazon search for "GPIO extension cable" will show you some options.*

The button will access the on-screen menu.
> **Press lightly to go to the next option and long press to select**..

From the on-screen menu you can also set the video output size or let it automatically detect it from your monitor. If for instance there is a mode on your monitor that displays better than the default.
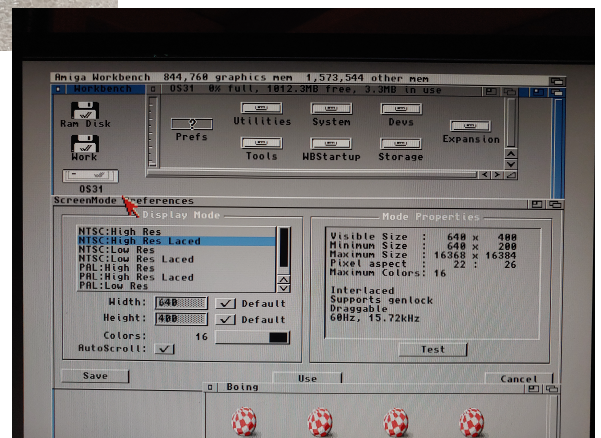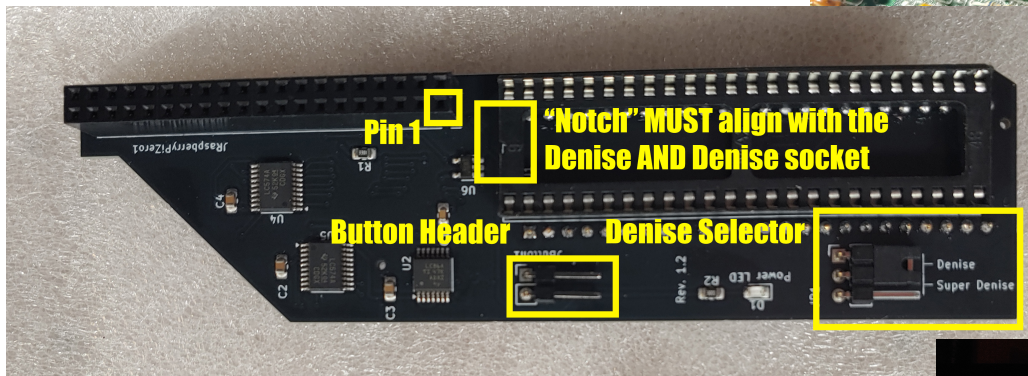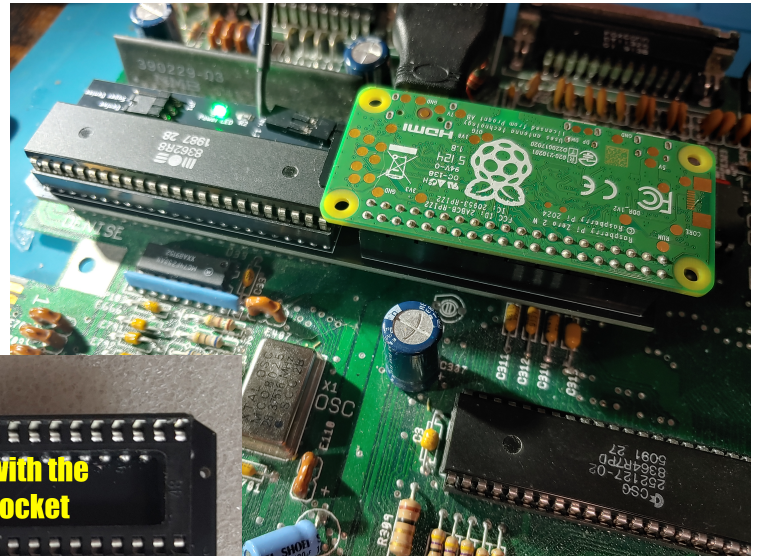
There are a plethora of settings you can change such as adding scanlines to make it look more like an original CRT. If you play around with the settings, I recommend keeping a backup or just have the original settings handy in case you need to reset.

On-Screen Menu Reference Guide: https://github.com/hoglet67/RGBtoHDMI/wiki/Reference-Guide

Pi Software Installation
The software on the Pi should be at least the latest release from the main tree or the latest IanSB beta release extracted onto a micro SD card in FAT32 format. The SD card can be a pretty small since the software doesn't take much space. You can verify the size of the latest release.

https://github.com/hoglet67/RGBtoHDMI/releases

Pin 1
"Notch" MUST align with the Denise AND Denise socket
Button Header   Denise Selector
Denise — Super Denise