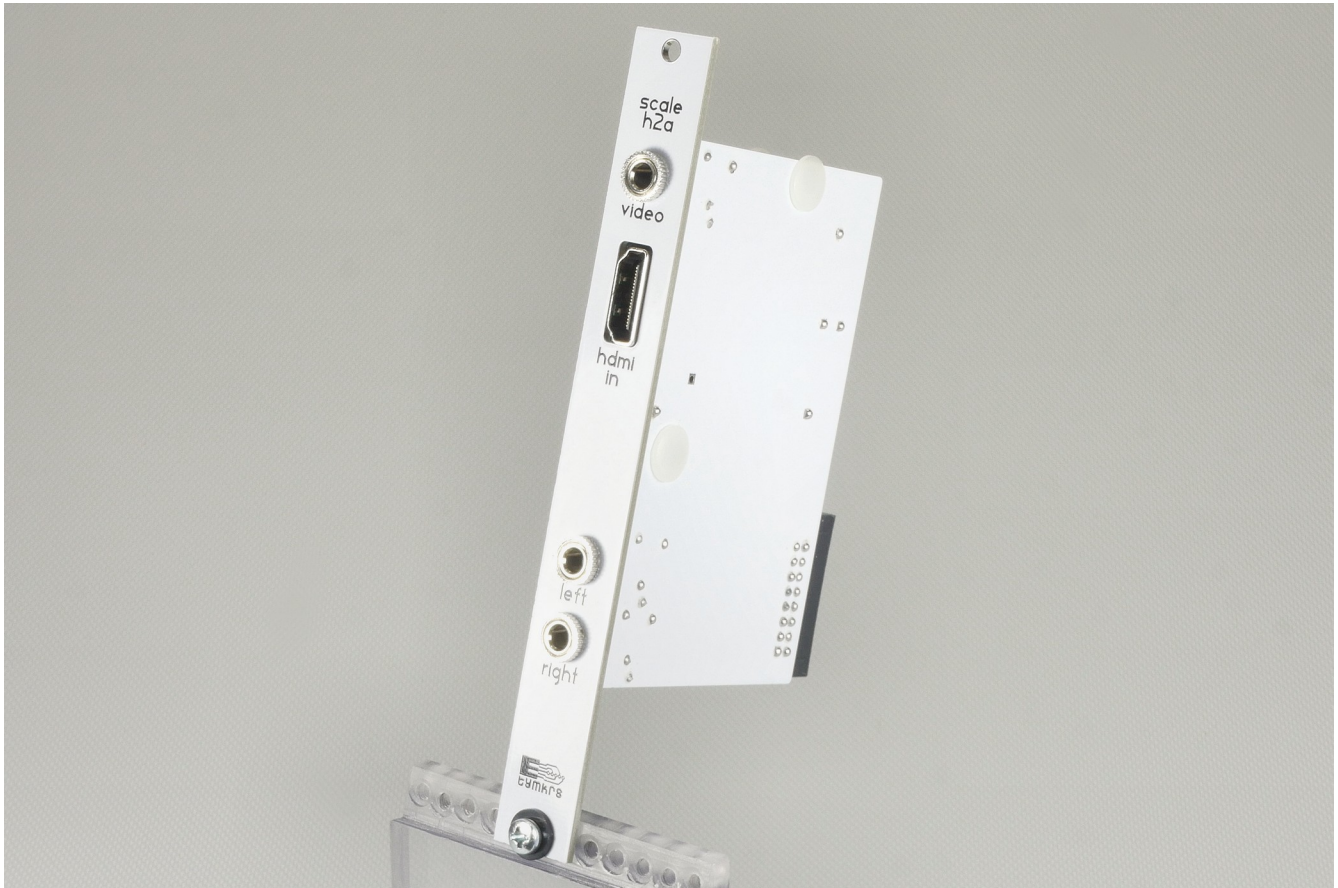# H2A Module

Tymkrs presents the H2A module, a 3hp Eurorack module which converts an HDMI input into left and right line-level audio outputs and a composite video output (PAL/NTSC) via 1/8" jacks.

This module can be used to get HDMI sources into your composite video synthesizer modules! If you're looking for a module that can turn the output of your composite video synthesizer back into an HDMI signal, check out the Tymkrs A2H Eurorack module! This module should be particularly useful to owners of the Tymkrs GlitchCRT dirty video mixer.

Power Requirements: The H2A module is generally able to get its power from the HDMI source though we did include a 16 position standard Eurorack power connector which can be used to provide 5V to the module in the case that the HDMI source does not provide the required power.

Input:
   • HDMI

Outputs:
   • Line-Level Audio Left
   • Line-Level Audio Right
   • Composite Video (PAL/NTSC – selectable)
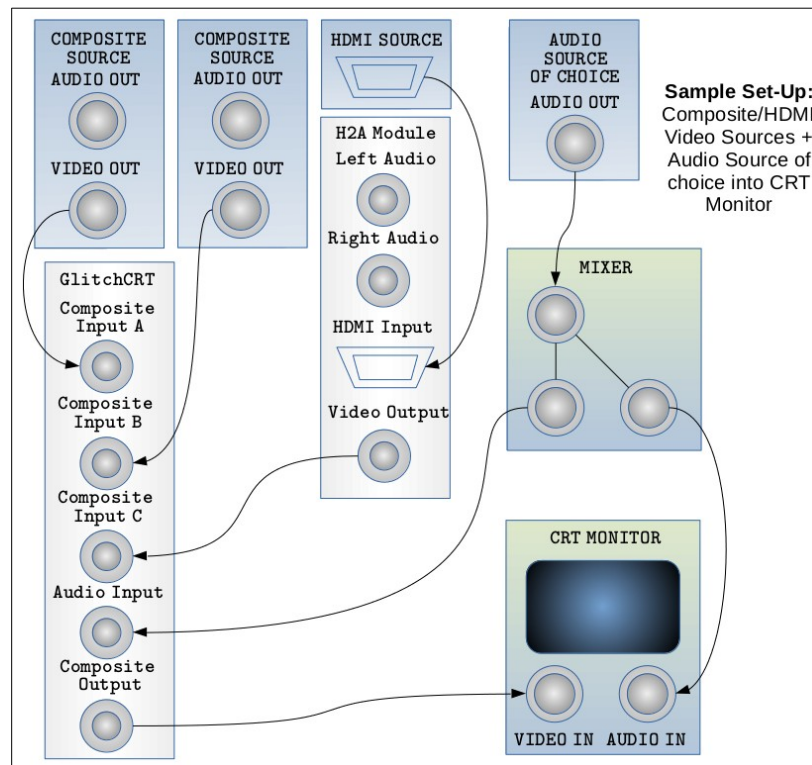
Eurorack Dimensions + Customizable Look
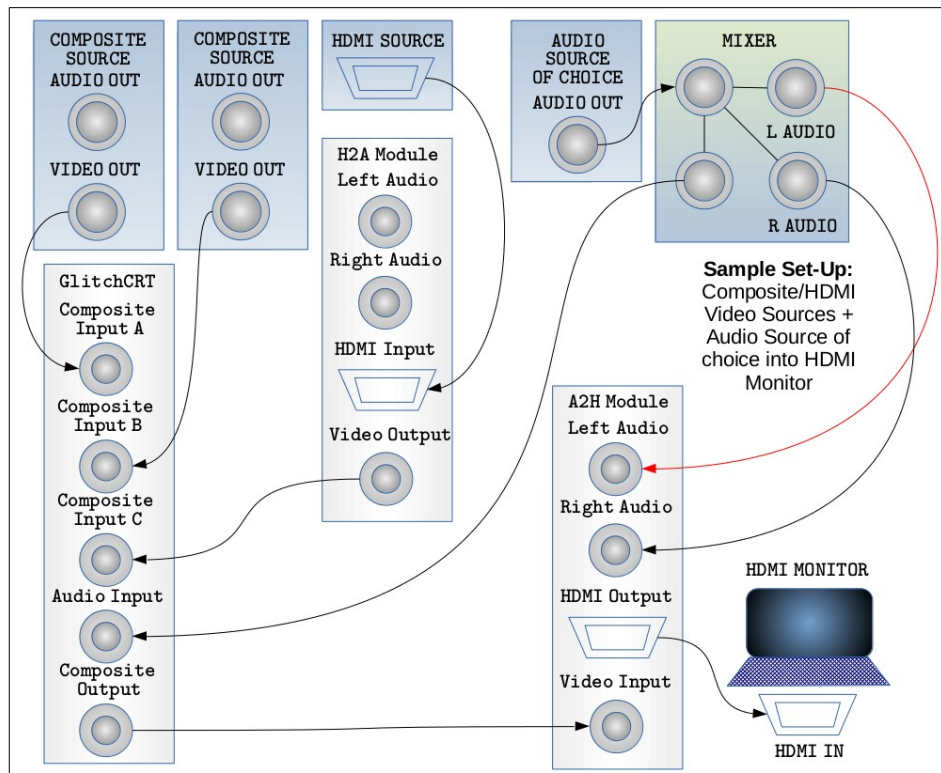
- Width - 3hp

- Height - 3u
- Depth – 6.5 cm

The *reversible* faceplate gives you two options - Either white background/black lettering or white background with silver lettering! The module will come to you as the default white background/black lettering. If you'd like to change it to the white background/silver lettering, just unscrew the nuts on the front, flip the panel, and re-screw the nuts!

Usage Examples:
- Take a Youtube video or audio visualizer from your computer and have it be one of the glitched video sources for GlitchCRT. You can also use the audio from that video as audio input into the GlitchCRT to glitch out the video!
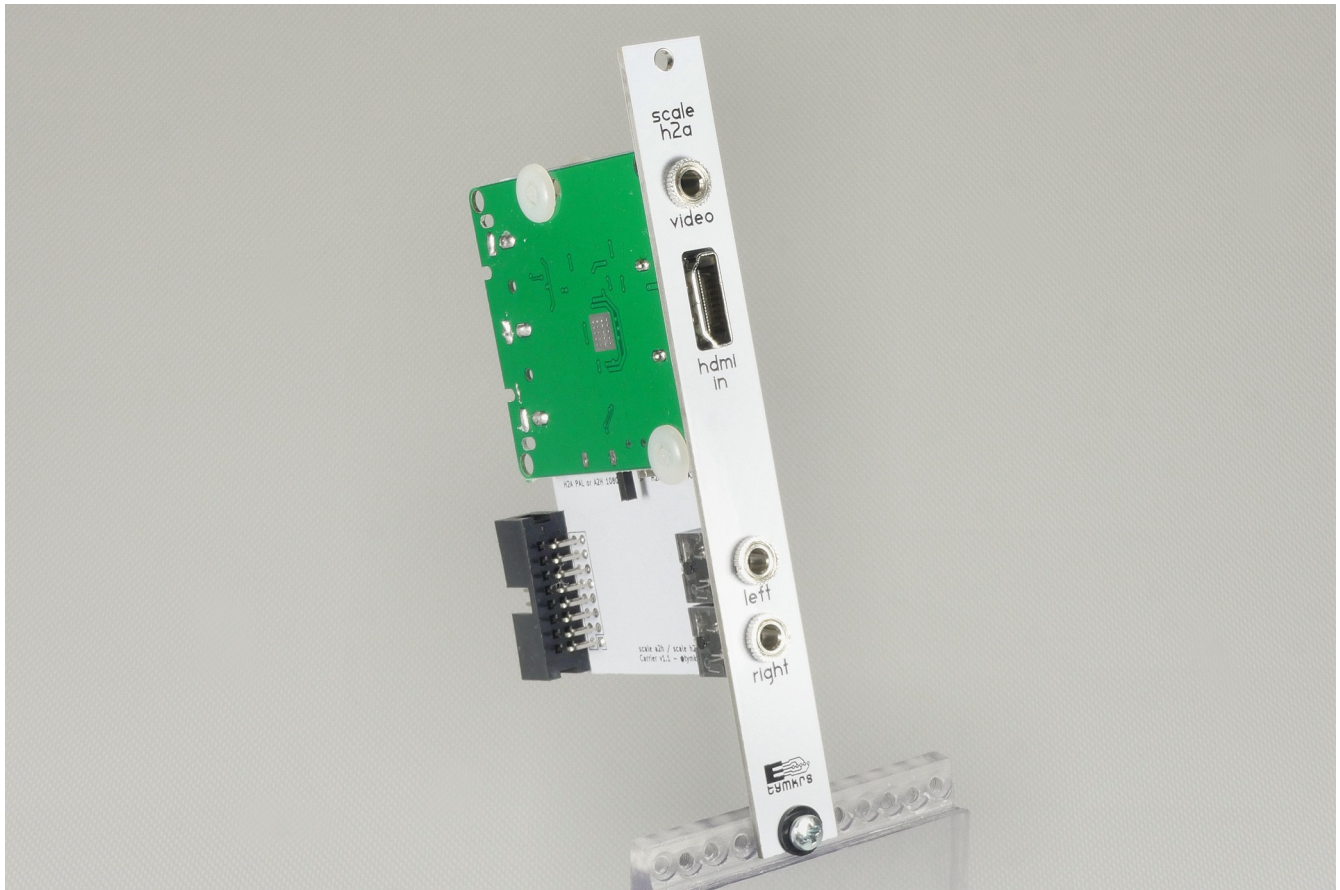

- Use the line-level outputs of the H2A as input into your Eurorack set-up! Great for those situations when you want to take music from online, and put it through your own effects chain!
- Using this and the GlitchCRT, you can create an AV switcher between different video sources! Connect the HDMI source to the H2A and the H2A to the GlitchCRT, and you have the ability to switch between at least 3 different video sources!

Sample Set-Up:
Composite/HDMI Video Sources + Audio Source of choice into HDMI Monitor

Pictures!

For any questions on the H2A module, please contact feedback@tymkrs.com!

Previous Versions:
V1: 2hp, power connector came straight off of the main board.