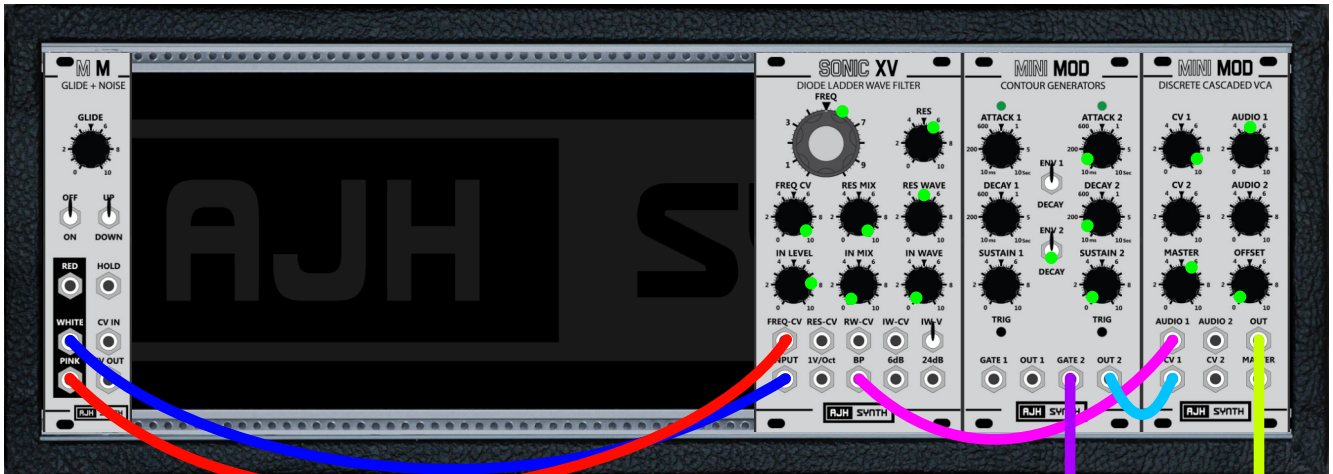


Lo-Fi Claps



Controller Gate Audio Out

Green dots show approximate pot and switch positions. Pots and switches that do not have green dots are not used in this patch, and should be left at their zero or off positions.

This patch requires a degree of fine-tuning by ear that cannot be precisely represented in a diagram, such is the nature of analogue technology, so the pot positions for the envelope and filter frequency should only be seen as starting positions. Watching the video should give you a greater understanding of how minute envelope adjustments affect the sound.

Glide + Noise: This is used as a noise source only. Pink noise is used for modulation rather than white, because it's lower frequency provides slower and more audible variation when modulating the filter frequency.

VCF: The Sonic XV is being used as bandpass is more suitable for this sound, but the Gemini 2412 could also be used in bandpass mode. Resonance provides much of the shape in the clapping sound, whilst frequency provides pitch.

VCA: Try to avoid adding too much input gain at AUDIO 1, as this will increasingly distort the sound, so use in conjunction with raising the MASTER level to achieve a good output volume. Same applies if you are using the Muting Mixer & VCA module.

Modules used from top-left to bottom-right: Glide + Noise, Sonic XV, Contour Generators, Discrete Cascaded VCA (or Muting Mixer & VCA)