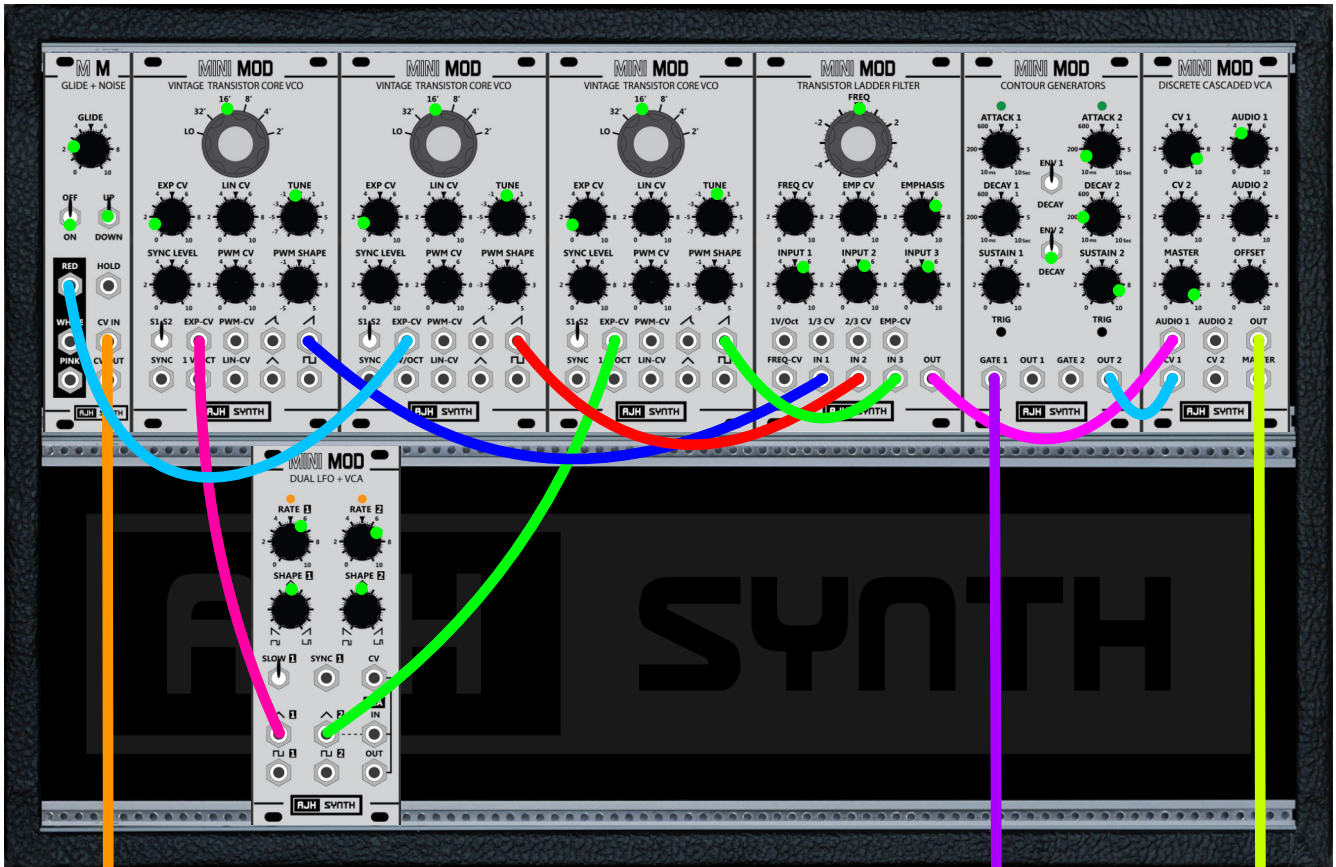


Mini Mod Choir Pad



Keyboard CV

Keyboard 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.

In the video I'm using the Glide + Noise MkII module to access the CV Bus, allowing me to control all 3 VCOs from one input/cable. If you are not able to use the CV Bus you will need to use a multiple or stacking cables to connect the keyboard to each VCO's 1V/Oct input, as is usual with a fully modular synth. I also use the Glide function, so the multiple would have to be connected between this module's CV OUT and the 3 VCOs if you wish to use it.

VCO: The first and third VCOs are tuned slightly to the left and right of the middle VCO. This is less important when an LFO is used to modulate VCO 1 and 3, but will still help to create some organic separation between the pitches. Sawtooth waves are used here, as they are much closer in timbre to the human voice than the other wave shapes.

VCF: Resonance/emphasis is also very important, as the human throat is itself a form of resonator, and a high resonance setting will help achieve a vocal character, but keep well clear of self-oscillation. This also applies to the Gemini and Sonic XV.

LFO: This is optional, just to create some vibrato in two of the VCOs and add realism, but it might not always be desirable.

Modules used from top-left to bottom-right: Glide + Noise, Vintage Transistor Core VCO x3, Transistor Ladder Filter, Contour Generators, Discrete Cascaded VCA, Dual LFO + VCA (optional).

For more information on modules and user manuals visit <https://AJHSynth.com>

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