

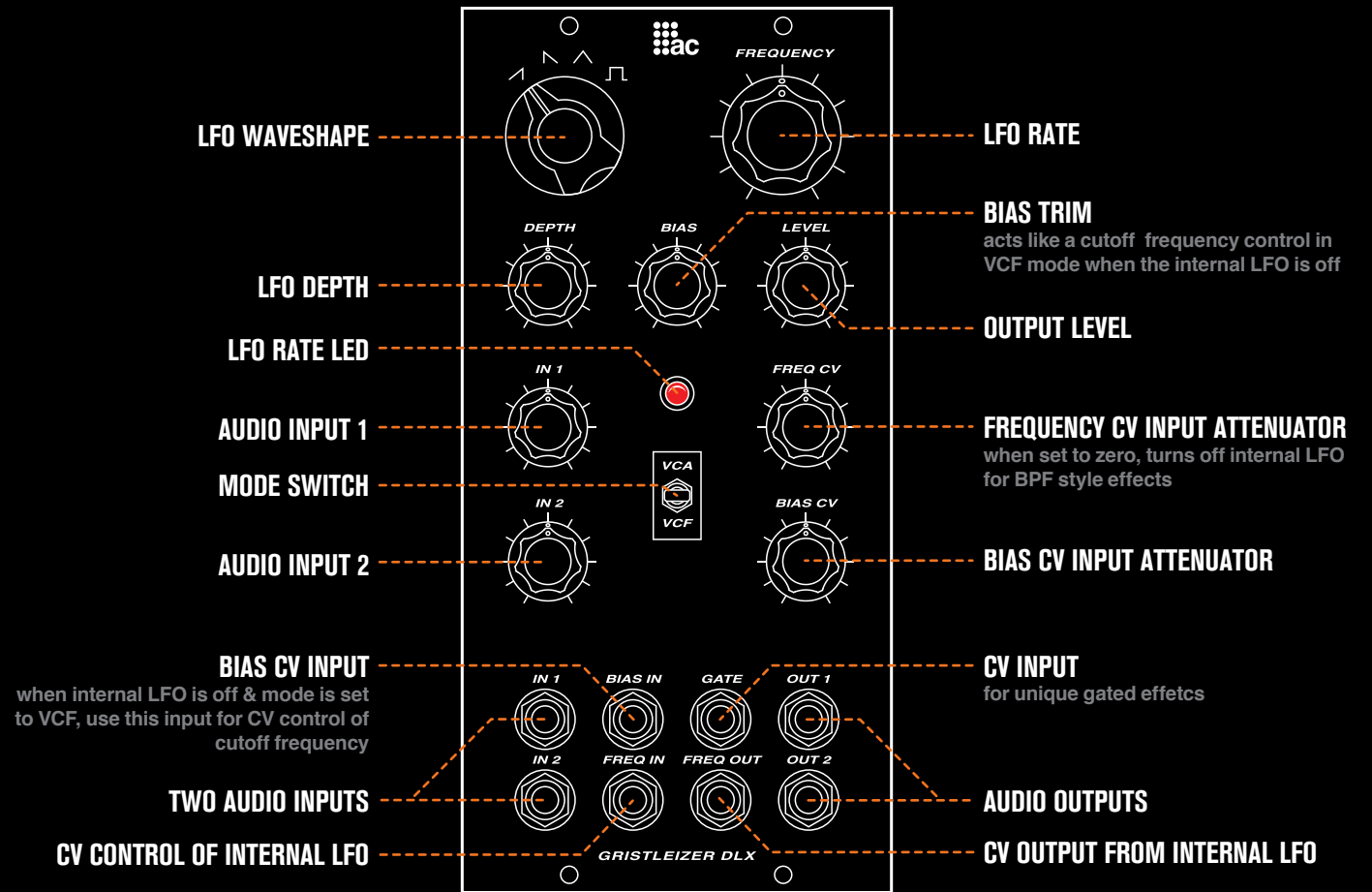
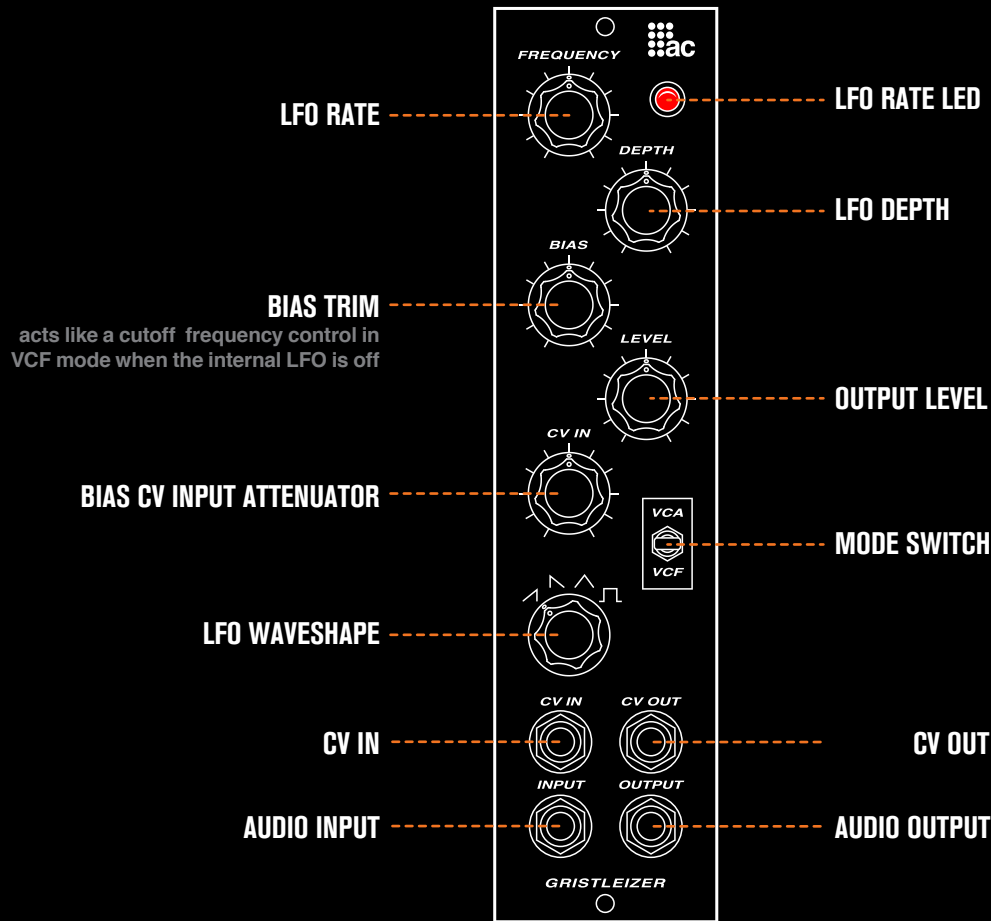
acGRISTLE

If you follow electronic music, you are probably no stranger to the seminal band Throbbing Gristle. Formed in the shadows of the plague pits in the east side of London, the band both informed and defined the sound of industrial electronic music. One of the “secret weapons” of the band and a device responsible for some of the sonic mayhem was “The Gristleizer.” This little circuit was originally designed by Roy

Gwinn and published in Practical Electronic magazine under the name “Guitar Effects Pedal.” Chris Carter of TG made some modifications to the published design and the effect bearing his band’s name was born.

Now available commercially for the first time in 5U, the acGRISTLE seeks to recreate some of the timbres of this legendary effect. Both a VCA

and VCF, the acGRISTLE has a built in LFO with four different waveshapes for creating all manner of ramped wah, pulsing tremolo, and audio frequency modulation. Available in its original configuration or as a deluxe version, with a variety of CV i/o and a unique gate input for further integration into the modern modular synthesizer landscape.



ARCADE

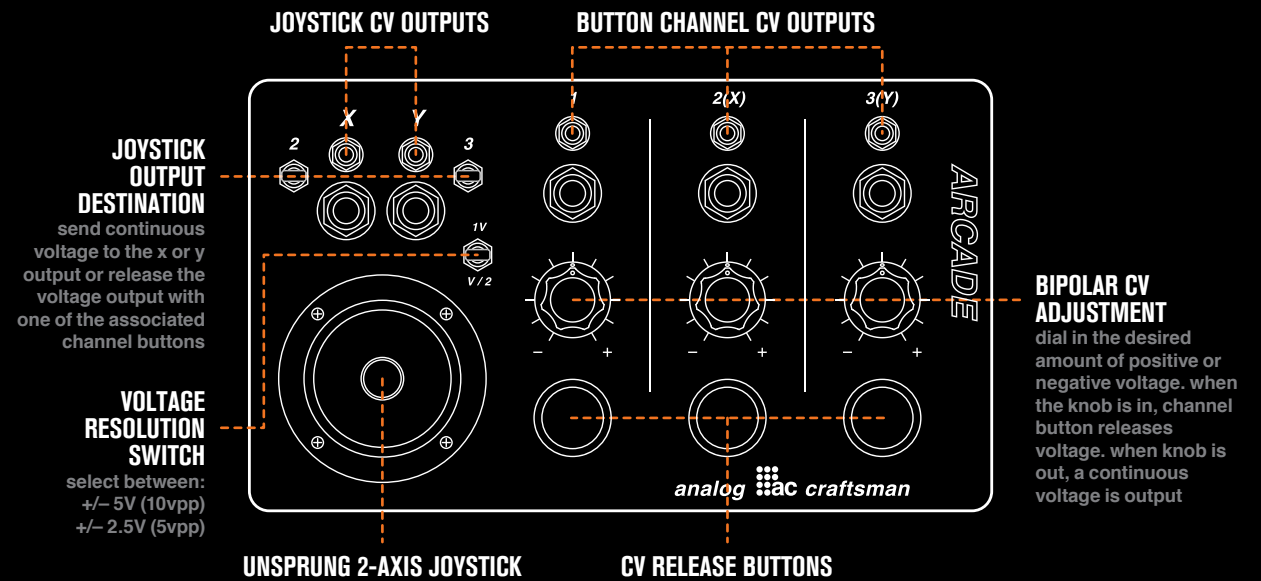
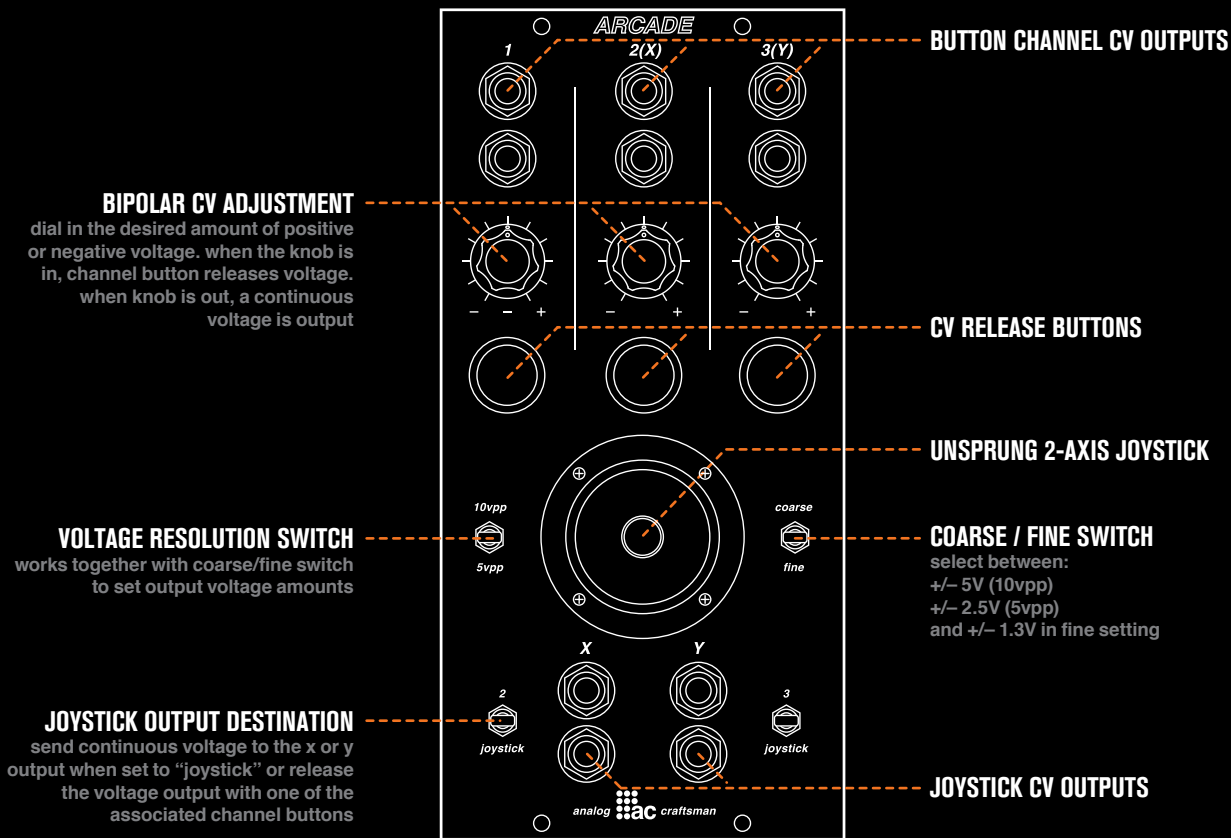
Classic stand-up arcade games. The joystick. The buttons. The feel of the stick, the clack of the buttons. Fond memories... *How to integrate that feeling with my synthesizer...?*

ARCADE is a control voltage controller. Three channels of buttons, each with a pot to adjust the positive or negative voltage release. Press the button to trigger EGs, drum modules, sequencer start/stop, or hit it rapidly while twisting the knob to create real time sample and hold type patterns. Not enough? Pull the knob and switch to "always on" mode. Use ARCADE as a remote control for your favorite CV parameters, slowly open and close that LPF, or use it to mix volume levels with three VCAs. Want more? X

and Y axis joystick with positive and negative voltage output. Send the two axis to the pitch of two VCOs and create some FM madness. Have X control a VCO and Y a VCA and use the joystick like a Theremin. And? Two additional switches assign the X and Y axis to channels 2 and 3, allowing you to trigger the voltage from the joystick with those channel's buttons, without losing the outputs of the voltage settings in those channels! And wait, there's more... A voltage switch allows you to choose the

level of resolution from 10vpp to 5vpp (to 2.5vpp on ARCADE 5U).

Available in both a 5U and table top version, ARCADE TT has both 1/4" and 1/8" outputs for integrating into both your euro and 5U modulars. ARCADE can even control modern and vintage keyboard synthesizer and effects pedals! It also can run on a 9V battery so you can wield it live on stage!



acVOKS VCF

special edition

Born during the cold war era, behind the iron curtain of the USSR, the Polivoks synthesizer was an attempt to recreate the sound of successful western analog instruments. It has long attracted the interest of aficionados seeking its distinct sound. Designed by Vladimir Kuzmin and manufactured at the Formanta Radio Factory, the Polivoks' filter in particular had a unique approach to signal processing.

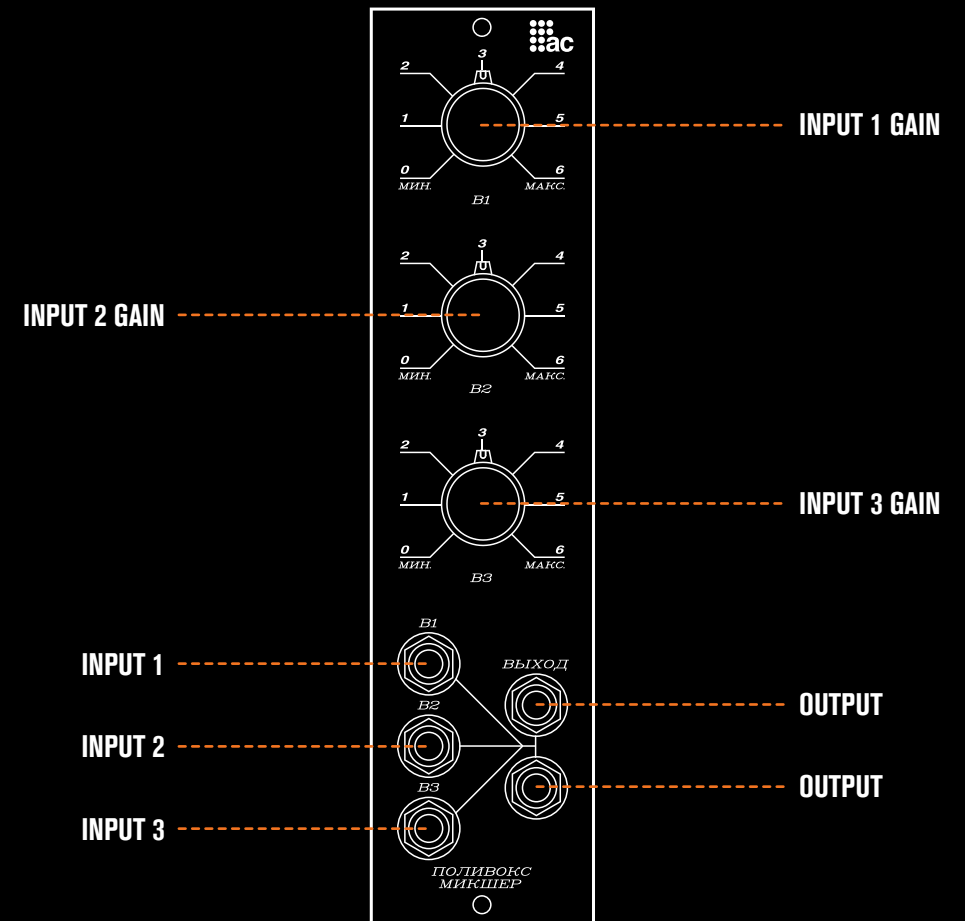
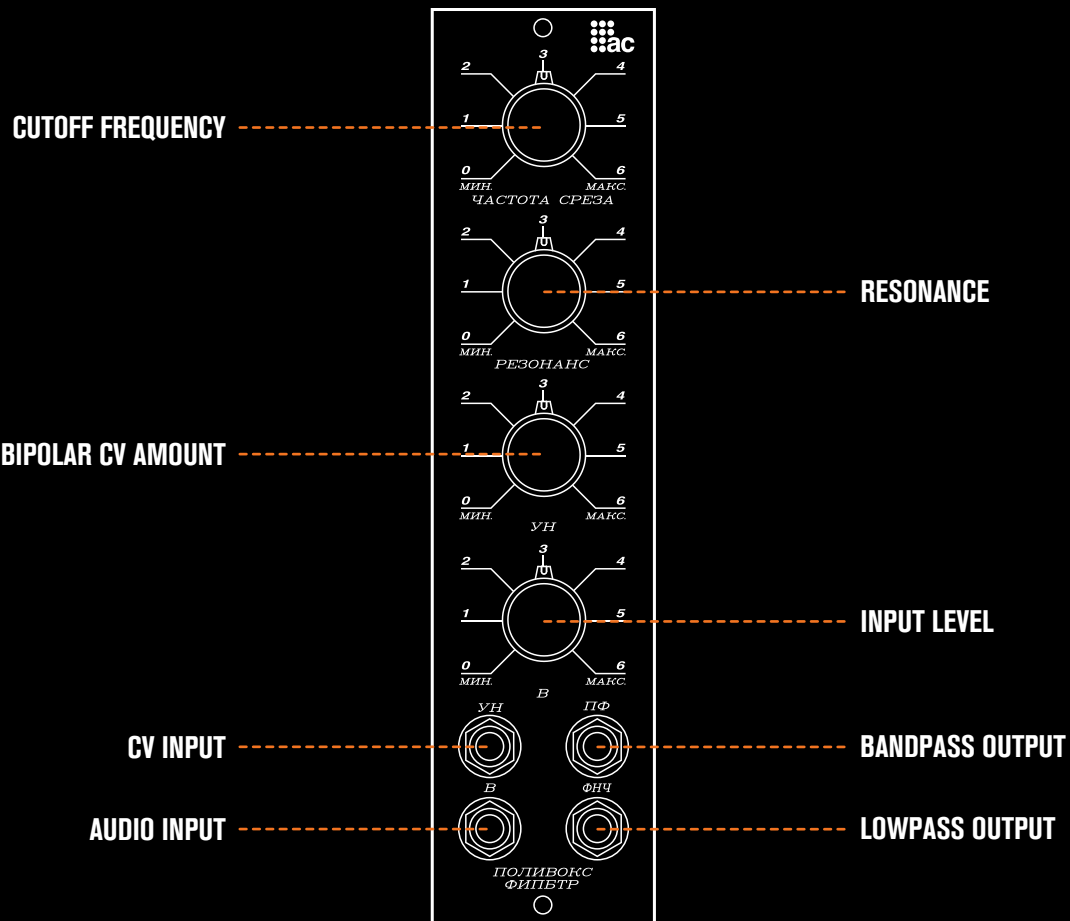
Containing only a pair of ICs, 6 resistors and no capacitors at all, the dual mode filter was very wild and unpredictable, unlike most of its mild-mannered contemporaries.

The acVOKS VCF is a recreation of this unusual circuit. Using the original ICs and a transistor sourced from the former Soviet Union, this filter delivers all the outlandish characteristics of the original. Operated from a panel featuring the unique graphics and Cyrillic script of the Polivoks, the acVOKS VCF is a compelling and forceful addition to your modular signal filtering.

acVOKS mixer

special edition

As with our acVOKS VCF, this is a recreation of a section from the Russian Polivoks synthesizer. This time we've tackled the mixer section. Fundamentally nothing special, but everyone needs a mixer and this one sounds different. It is designed and built directly from the original schematics and with those unique Russian op amps and transistors. This three channel mixer can balance your levels from glasnost to a subtle version of revolution (just a touch of added harmonic content.)



acGRISTLE

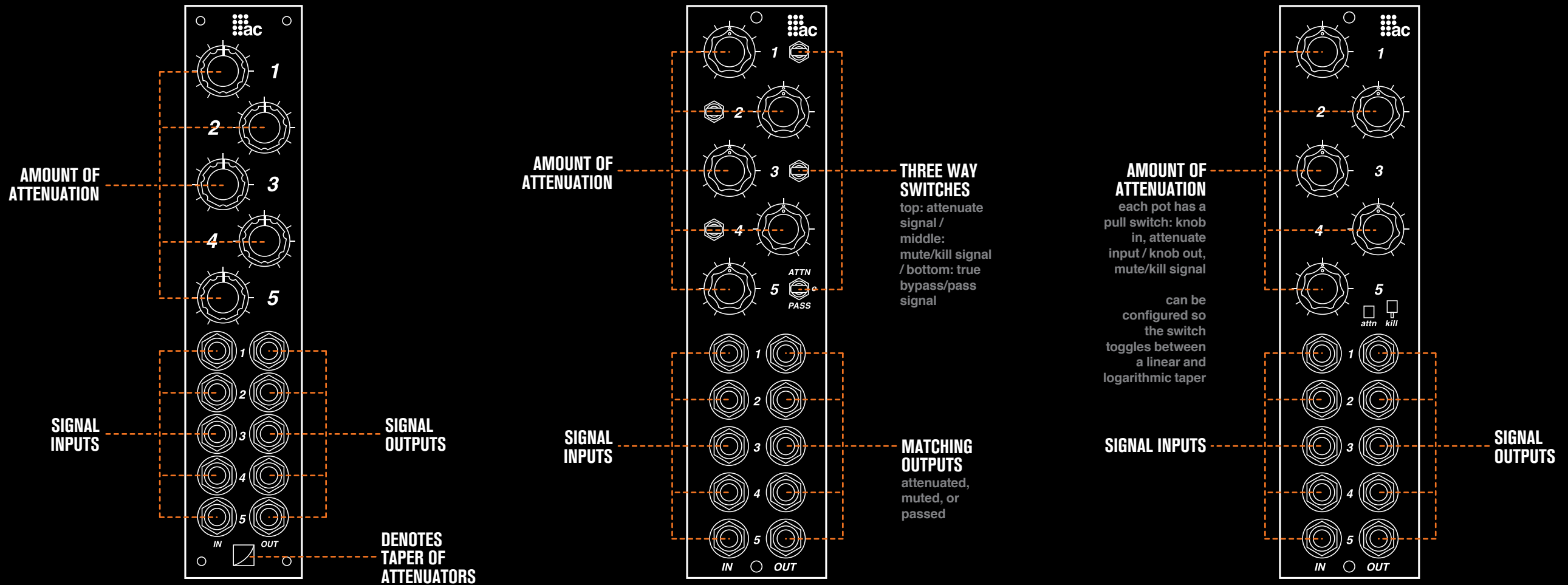
special edition

A staple of modular synthesizers from the very beginning, the attenuator is perhaps equal parts boring and essential. It is used for a variety of purposes, from controlling cv amount, LFO depth, and even audio amplitude. The 5X offers you five such signal modifiers in a single 5U modular space, more than any other attenuator on the market. The 5X is available in three configurations.

standard: Pull switch pots that toggle between attenuation and “kill”, effectively cutting the passing signal, whatever it may be. Bypass modulation of your filter cutoff or mute audio with the pull of the switch.]

deluxe: Each channel features a three way switch that selects bypass, “kill,” or attenuate.

log/lin: Pull switch pots that toggle between a linear and logarithmic response curve. A “Swiss army knife” of attenuation for your modular system.



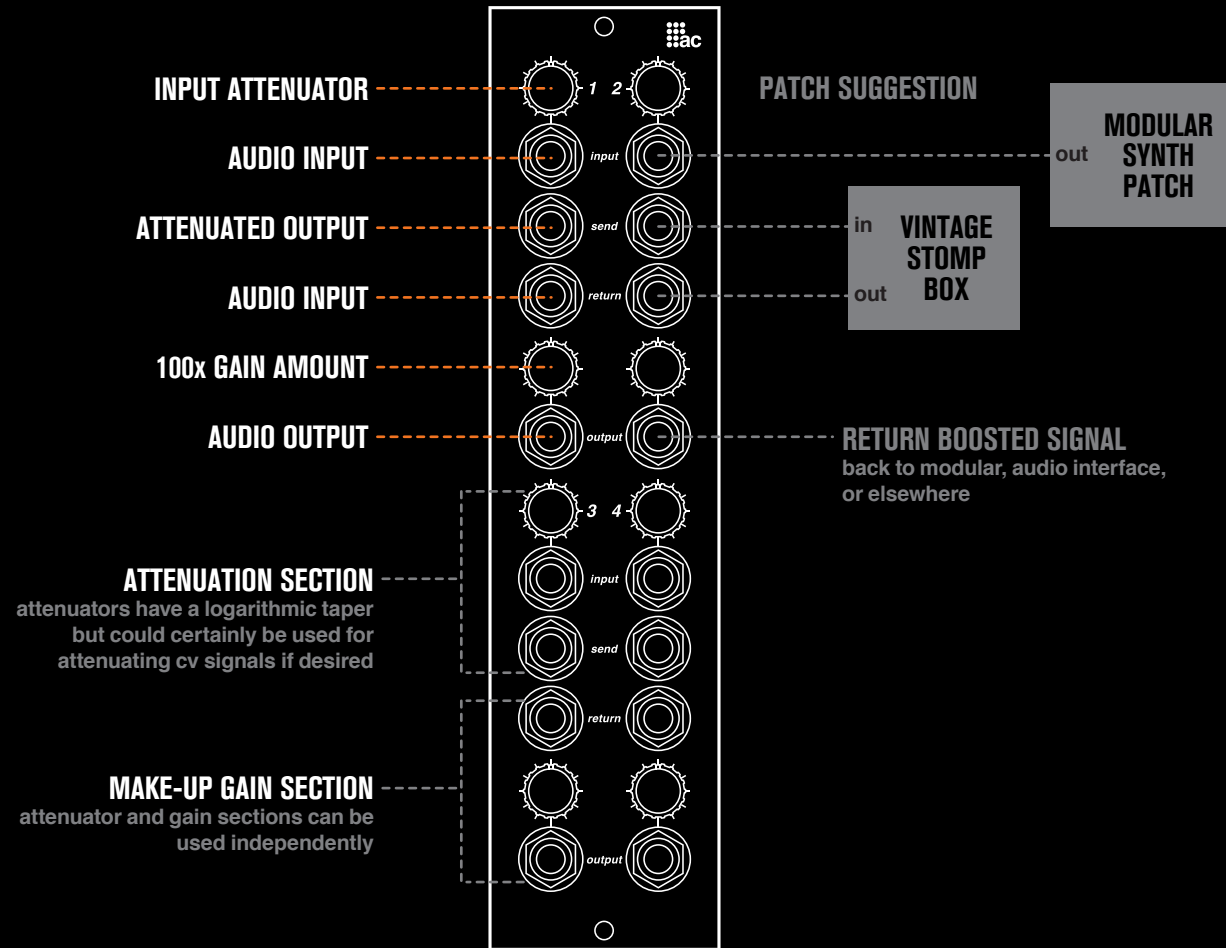
4x INSTRUMENT INTERFACE

How many times have you wished you could run a modular VCO through your Maestro Phase Shifter – you know, the one JPJ used in Song Remains the Same? Or through that original Uni-Vibe that you paid way too much for on eBay? What if you just want to drive your signal a little with that Distortion+ or TS-808? Unfortunately, there is a fundamental difference in impedance and signal levels for this to work effectively.

There are several solutions to this dilemma, but nothing as dense as this:

The 4X instrument interface provides FOUR discreet channels in one 5U modular space. Each channel has an attenuator for bringing a modular signal level to instrument level and then a 100x gain stage for bringing the instrument level back to modular level, and beyond... sweet.

Route your modular through four of your favorite vintage pedals at once... patch into two separate stereo effects processors... heck, run a signal through ALL FOUR of the makeup gain stages at 100x and see what happens...

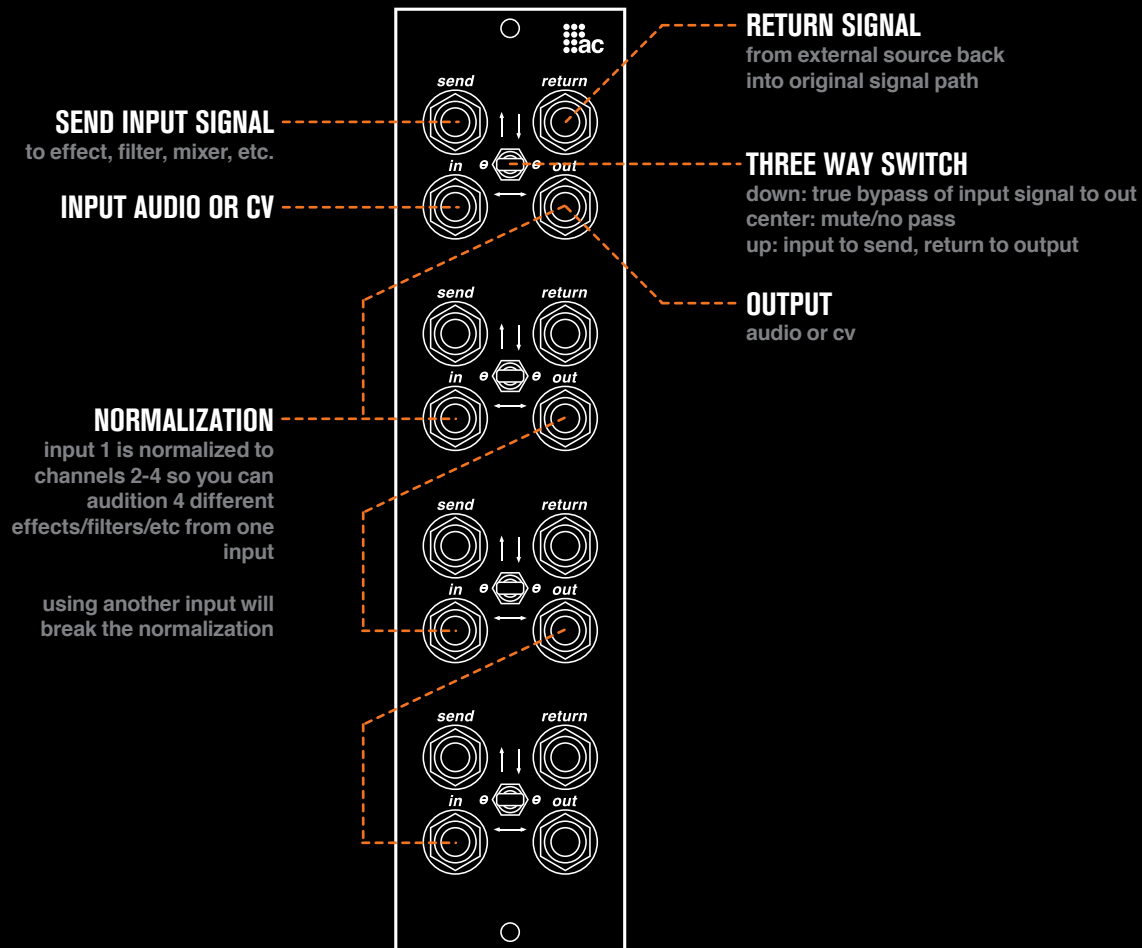


acBMS/R

Bypass. Mute. Send/Return. Not every module has a bypass. Sometimes that's lame. Not every source goes into a console with a mute button. Sometimes you want that. Sometimes you want to audition some filters. Send your VCO to some and decide what sounds best. This module allows you to do all these things. Times four.

Input your signal and use the three position switch to pass the signal directly to the output, mute the signal, or send it to another destination, such as a filter or effect, and then return the signal to the module. The outputs of each channel are normalized via switching jacks to the input below them so it is possible to input a signal to channel 1 and send it to four separate destinations via each channels send.

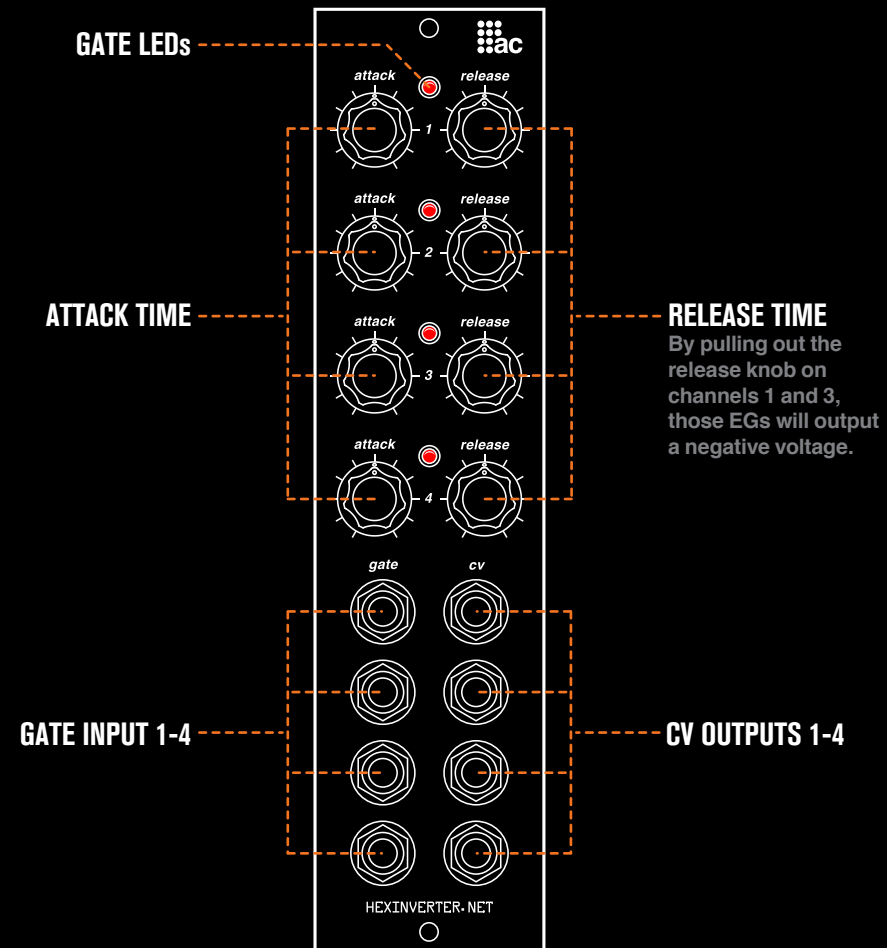
Its versatile. It's useful. It's fun.



QUAD A/R

special edition

A special collaboration module, featuring the HEXINVERTER.NET attack/release design. Four simple envelope generators. Great for adding articulation to percussive and other drum sounds or varying cutoff frequency over time. By pulling out the release knob on channels 1 and 3, those EGs will output a negative voltage.



ac2600 VCF

special edition

New England has long been a center for synthesizer manufacturing. The Aries 300, EML 101, Kurzweil K250, NED Synclavier, and of course Alan Pearlman's ARP 2600 were all made here. It is the latter's heritage that we've focused on. What better place to build a tribute to the legendary 2600's VCF than analog craftsman's

HQ, only miles from where the originals were produced.

The ac2600 VCF is part of our Special Edition filter line, seeking to bring large format modular synthesists some of the great circuits of yore in both sound AND appearance. No knobs here...

this filter has long throw sliders just like the real thing. Two audio inputs and two cv inputs with attenuation for lots of flexibility and control. The ac2600 VCF also easily self oscillates to become its own sine wave oscillator, with fine tuning and pitch control by voltage.

