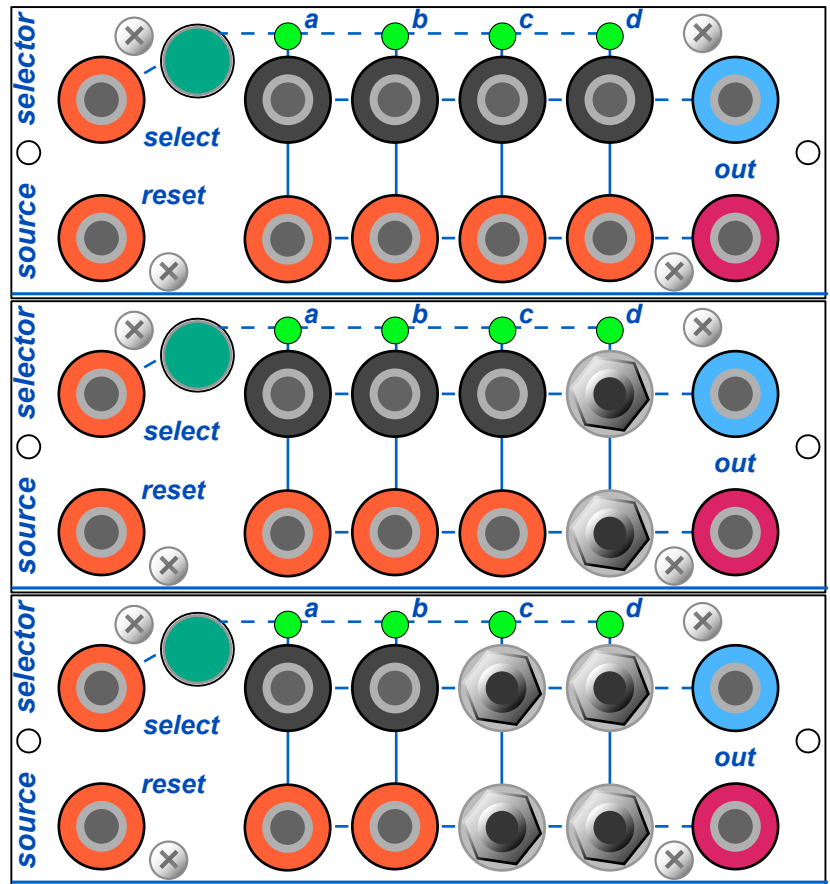


Source Selector lets you switch between four CV and Pulse sources.

It can be ordered with up to two channels of 3.5 mm jacks for connecting to external systems. One volt per octave sources are scaled to Buchla standard. External gates are converted to Buchla pulses.

There are internal trimmers to accommodate a variety of sources, and let them all play in tune.



Setting the end point

By default, the Source Selector iterates through all four of its input sources, either by pressing the select switch, or by a pulse into the select jack. This can be limited to fewer stages, if desired.

A long press on the select button enters "set end point mode." The current end point starts blinking. While in this mode, presses on the select button change the end point. A second long press takes you out of "set end point mode."

Pulse types

There are a pair of jumpers that enable comparators on the channel C & D pulse inputs. For an all-banana version of the Source Selector, these are set to Buchla, but if you are connecting channel C or D to a different manufacturers banana system (e.g. Fenix, Modcan, Serge) you will probably want to set them to Ext, to enable the comparators. These are set to external, if the Source Selector is ordered with 3.5 mm jacks.

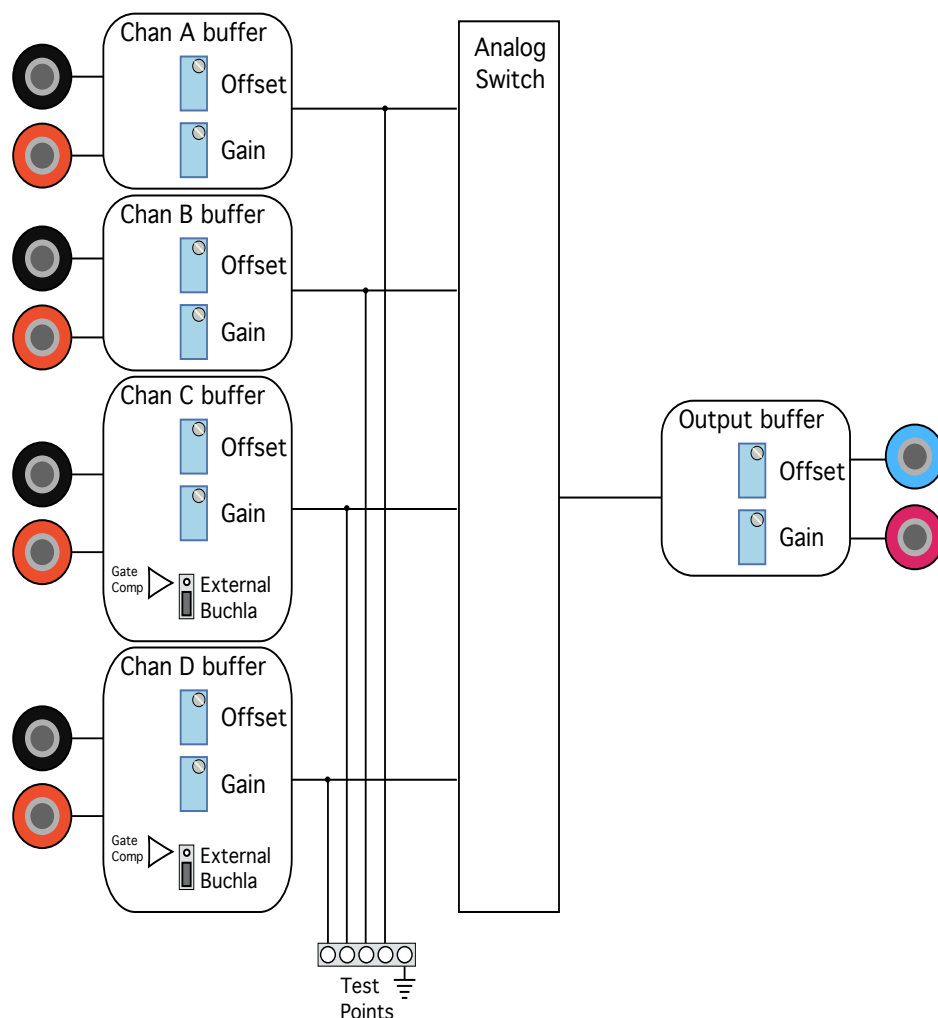
Tuning

Each channel has trimmers for Offset and Gain. This allow you to tune each channel to its source. There is also an Offset and Gain trim for the output which allows you to tune the Source Selector to your specific waveform generator. The Source Selector is shipped with all the input channels tuned to a 225e pitch output. If your Source Selector has 3.5 mm jacks on C or D, those are tuned to a Kenton MIDI – CV convertor. I tune the output to my 259e. At the “test points” header, individual channels are calibrated for 1.2 v./oct (100 mv / semitone)

To tune the Source Selector to your waveform generator, plug a trusted source into one of the input channels and select it.

Now play octaves with your source, and trim the master output gain until the octaves are true.

Once this is done, connect other sources to the other input channels, and adjust their channel gains until they are in tune.



Source Selector Block Diagram

