



AC3



ANALOG  
COMPUTATIONS

AC3 is based on inversion, addition, average and subtraction of analog signals and could be simply used to alter CV sequences in various ways.

It should also prove to be a good companion to oscillators, allowing to combine waveforms and possibly create new ones with rich harmonics.

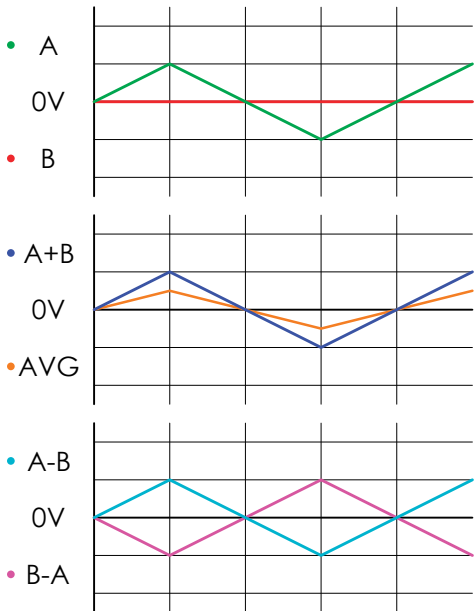
Used with joysticks, it can expand the number of possible parameters to be controlled with only 2 axes.

AC3 can also give interesting results when combining an altered version of a signal with itself, which can be a way to expand the modes of a VCF.

The following graphs should help you understand what happens on the outputs with simple examples.

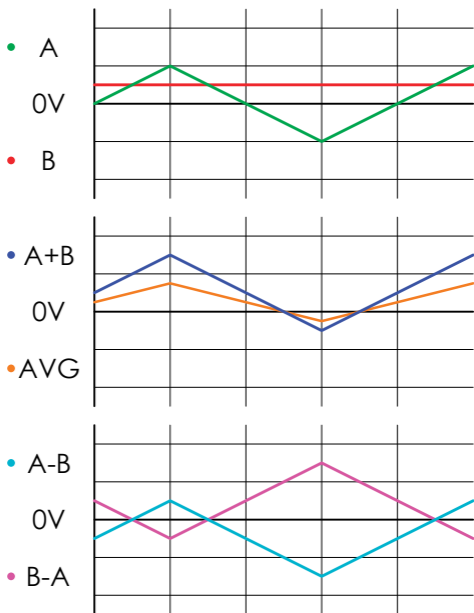
Graphs for the -A and -B outputs were intentionally skipped as these simply are inversions of the A & B signals.

Using only input A

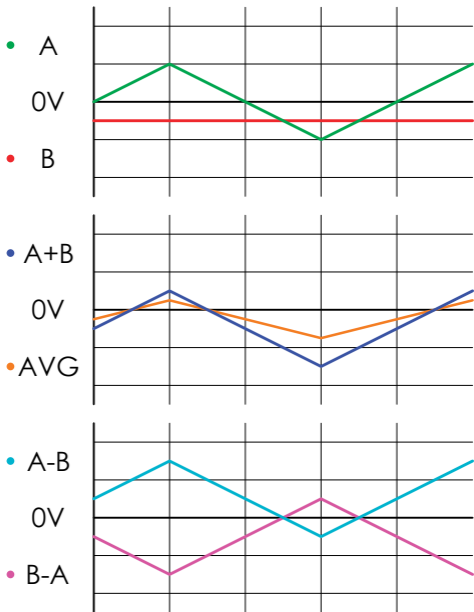


Gives buffers, inverter & divider by 2.

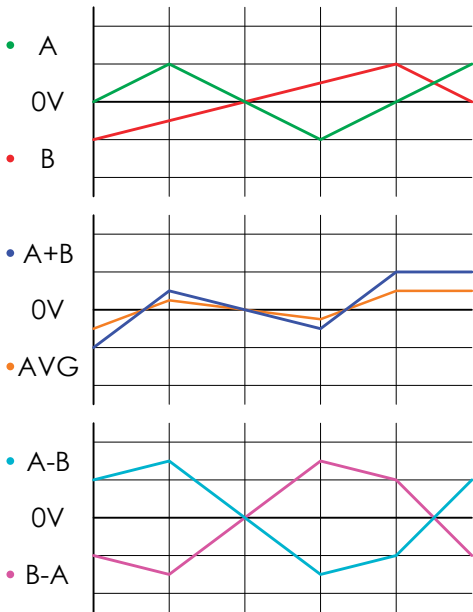
## Adding a positive voltage to input B



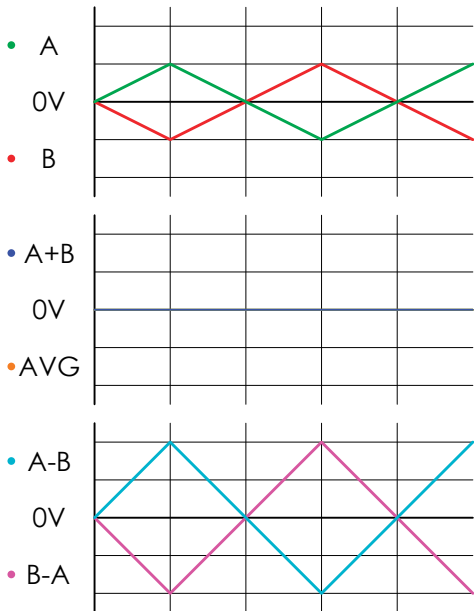
# Changing B from positive to negative



# Applying a varying voltage to input B



## Patching -A to B



Results in a voltage doubler & inverter.

## MAIN SPECS

FORMAT 1U : 12HP

3U : 3HP

DEPTH 35mm

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