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The SIN/COS LFO block (#p1412)

by **Digital Larry** » Sat Sep 14, 2013 10:27 am

This control block gives you access to the two built-in SIN LFOs in the FV-1. The COS LFO output has the same shape as the SIN LFO however it is phase shifted by 90 degrees compared to the SIN output. While you can add as many of these to your model as you like (which might be considered a bug), you can only set the LFO number to zero or one corresponding to one of the FV-1's internal LFOs. It is recommended that you only place one LFO block in your model per LFO you are actually using, otherwise results can't be predicted.

Set the amplitude in the control panel to scale the output level. The Frequency slider in the control panel sets the LFO to a fixed frequency in the event you are not using a control input. It would probably be better if I disabled this control when a control input is connected to reduce confusion as to what is going on.

In most cases you will probably find it useful to place a Scale/Offset block between a Pot control and the LFO block to restrict the LFO's range to something more useful for your patch.

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