

# PM Slope Amp - tremolo

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Here a Slope Amp produces a level modulation. Hereby Slope Amp serves as triangle generator and modulated VCA at same time.

## Slope Amp setups:

single cv mode	on
link mode	on
up slope	about 0.2 (as you like)
max %	100
min %	about 50

At the beginning it's the same, which state **Slope Amp** is in. Supposing **up CV in** is "off". So **Slope Amp** will produce a down slope. At **min % min CV out** gets active. Via **boolean Logic OR** a voltage is sent to **Clock Divider**, which will change it's out state to "on".

Now **Slope Amp** begins an up slope. That's why **max CV out** goes back to "off". At **max % Clock Divider** gets next pulse and changes it's output state to "off".

And so on.



For the case, the circuit does not start, push “Reset” button please.

Modulation depth increases, when *min* % is set to lower value. At same time modulation frequency decreases, because slopes needs more time between *min* % and *max* %.

Modulation frequency increases at lower *up slope* time.

**Slope Amp manual:** [slope\\_amp\\_g.pdf](#)

**Example preset:** [PM Slope Amp - tremolo.voltagepreset](#)

**Other presets:** [PM Slope Amp – crescendo.voltagepreset](#)  
[PM Slope Amp - CV level control.voltagepreset](#)  
[PM Slope Amp - fader.voltagepreset](#)  
[PM Slope Amp - follower.voltagepreset](#)  
[PM Slope Amp - limiter.voltagepreset](#)