

# PM Slope Amp - limiter

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In this setup **Slope Amp** serves as a regular limiter.

## Slope Amp setups:

single CV mode	on
pre amp	0.5
max %	200
min %	0
link mode	off
up slope time	0.2 to 0.5 s for very low signal frequency (LFO) 5 to 20 s for “normal” audio > 10 Hz
down slope time	0.001 s (= minimum)
auto limit	on
limit	4.8

In order to demonstrate limiter function, mixer channel No. 6 is set to 0 dB. That corresponds to 5 volt peak. Further **Slope Amp's pre amp** is set to 0.5. So pre amp can amplify signal until 10 volts without clipping at pre amp output.



Reduced input amplification has to be compensated by **Slope Amp**'s main stage. Therefore *max* % is set to 200 %.

With mixer master volume knob you can vary signal from 0 to +6 dB now. Oscilloscope lets you compare input and output signal.

Almost until 0 dB input signal equals output signal. The higher input level is, the more *auto limit* reduces internal amplification. Output signal stays on limit level. To check the difference, you can toggle *auto limit* off and on.

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

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