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Wind Machine (manual sweep)

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Wind Machine (manual sweep) (#p1964)

by **Digital Larry** » Wed Nov 05, 2014 11:31 am

This one as published has a pretty low output level as I'm using it in the effects loop of my guitar amp, which has no volume control after it.

You can change this line to adjust the gain. At 0.01, the gain cut is -40 dB. 0.1 would be -20 dB. Be careful, this could probably fry your speakers and ears.

Pot 0 = filter freq
Pot 1 = filter resonance (more CCW)
Pot 2 = delay level/time

```
;------ Volume
RDAX REG3,0.0100000000


;  Program: Render Block exported from SpinCAD Designer
;------ Pot 0
;------ Pot 1
;------ Noise_Block
SKP RUN ,3
LDAX 20
OR $00001000
WRAX REG0,0.0000000000
LDAX 32
AND $0000FFFF
WRAX REG1,1.0000000000
RDAX REG1,0.5000000000
RDAX REG1,0.2500000000
RDAX REG1,0.0078125000
```

```
        AND $00000001
        WRAX REG2,0.0000000000
        RDAX REG0,0.5000000000
        AND $007FFFFF
        WRAX REG0,0.0000000000
        LDAX 34
        SKP ZRO,4
        SOF 0.0000000000,0.0000000000
        RDAX REG0,1.0000000000
        OR $00800000
        WRAX REG0,0.0000000000
        LDAX 32
        WRAX REG3,0.0000000000
        ;------ Volume
        RDAX REG3,0.0100000000
        WRAX REG4,0.0000000000
        ;------ Scale/Offset
        RDAX POT1,1.0000000000
        SOF 0.7200000000,0.2800000000
        WRAX REG5,0.0000000000
        ;------ Scale/Offset
        RDAX POT0,1.0000000000
        SOF 0.5500000000,0.2000000000
        WRAX REG6,0.0000000000
        ;------ 2 pole low pass
        RDAX POT0,1.0000000000
        SOF 0.3500000000,-0.3500000000
        EXP 1.0,0.0
        WRAX REG7,0.0000000000
        RDAX POT0,1.0000000000
        SOF 1.0000000000,-0.9990000000
        EXP 1.0,0.0
        WRAX REG8,0.0000000000
        RDAX REG10,1.0000000000
        MULX REG7
        RDAX REG9,1.0000000000
        WRAX REG9,-1.0000000000
        WRAX REG12,0.0000000000
        RDAX REG10,-0.2000000000
        MULX REG5
        RDAX REG12,1.0000000000
        RDAX REG4,0.5000000000
        WRAX REG11,1.0000000000
        MULX REG7
        RDAX REG10,1.0000000000
        WRAX REG10,0.0000000000
        ;------ Pot 2
```

```
        ;------ Scale/Offset
        RDAX POT2,1.0000000000
        SOF 0.5500000000,0.4500000000
        WRAX REG13,0.0000000000
        ;------ 2 pole low pass
        RDAX REG6,1.0000000000
        SOF 0.3500000000,-0.3500000000
        EXP 1.0,0.0
        WRAX REG14,0.0000000000
        RDAX REG6,1.0000000000
        SOF 1.0000000000,-0.9990000000
        EXP 1.0,0.0
        WRAX REG15,0.0000000000
        RDAX REG17,1.0000000000
        MULX REG14
        RDAX REG16,1.0000000000
        WRAX REG16,-1.0000000000
        WRAX REG19,0.0000000000
        RDAX REG17,-0.2000000000
        MULX REG5
        RDAX REG19,1.0000000000
        RDAX REG4,0.5000000000
        WRAX REG18,1.0000000000
        MULX REG14
        RDAX REG17,1.0000000000
        WRAX REG17,0.0000000000
        ;------ Scale/Offset
        RDAX POT2,1.0000000000
        SOF 0.8900000000,0.1100000000
        WRAX REG20,0.0000000000
        ;------ Mixer 2-1
        RDAX REG9,0.5000000000
        WRAX REG21,0.0000000000
        RDAX REG16,0.5000000000
        RDAX REG21,1.0000000000
        WRAX REG21,0.0000000000
        ;------ Constant
        SOF 0.0000000000,0.4380000000
        WRAX REG22,0.0000000000
        ;------ Single Delay
        WRAX REG24,0.0000000000
        RDAX REG22,0.4500000000
        WRAX REG24,0.0000000000
        RDAX REG13,0.9990000000
        SOF 0.2500000000,0.0000305176
        WRAX ADDR_PTR,0.0000000000
        RMPA 1.0
```

```
WRAX REG23,1.0000000000
MULX REG24
RDAX REG21,0.5000000000
WRA 0,0.0
RDAX REG23,1.0000000000
WRAX REG23,0.0000000000
;------ Mixer 2-1
RDAX REG21,0.5000000000
WRAX REG25,0.0000000000
RDAX REG23,0.5000000000
MULX REG20
RDAX REG25,1.0000000000
WRAX REG25,0.0000000000
;------ Output
RDAX REG25,1.0000000000
WRAX DACL,0.0000000000
```

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