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The electronic siren described here is easy and cheap to build.

The circuit consists of two astable multivibrators, N1/N2 and N3/N4. The 0.2 Hz square-wave signal from the latter oscillator is integrated by R3 and

## 7400-siren

C3; this voltage swings the frequency of the other AMV (N1/N2) up and down at 0.2 Hz.

The output level is about 2 V<sub>p-p</sub>, sufficient to drive a power amplifier directly.

### Parts list

#### Resistors:

R1, R2 = 4k7

R3 = 10 k

R4 = preset potentiometer 4k7

R5 = 5k6

R6 = 1 k

#### Capacitors:

C1, C2 = 1000  $\mu$ 6 V

C3 = 500  $\mu$ 6 V

C4, C5 = 470 n

C6 = 150 n

#### Semiconductor:

N1...N4 = 7400

