

**Kemo Electronic GmbH**

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M071N - Ultrasonic vermin repeller

This ultrasonic generator produces pulsating and aggressive ultrasonic sounds like a siren which many animals perceive as extremely unpleasant and, therefore, try to avoid as far as possible. The generator should be used to keep away rodents, insects, crawling parasites, game and birds, etc.

The frequency of the generator is adjustable between approx. 8 - 40 KHz. A special loudspeaker with vaulted aluminium dome membrane has been built in to achieve a better sound distribution. A stabilised power supply 12 V/DC (< 60 mA) is necessary for setting into operation. Up to 4 additional loudspeakers Kemo L001 (built-in loudspeaker) or L002 (on-wall loudspeaker) may be connected, if larger rooms (> 30 m²) shall be exposed to ultrasonic waves. Available accessories:

L001 - Piezo spherical dome tweeter with flare

L002 - Ultrasonic wall loudspeaker

P5123 - Mini piezoelectric tweeter for M094N

Technical Data:

Operating voltage: 12 V/DC (10-13.8 V/DC)

Current consumption: ca. < 60 mA

Adjustable frequency: ca. 8 - 40 KHz (± 15%)

Frequency deviation, ca. 2 x per second: app. 2-3 KHz (automatic change of frequency, siren-like)

Sound pressure: max. 100 dB (± 15%) (Ultrasonic devices should have a sound pressure level exceeding 100 dB (C) to avoid habituation (ADAC test results). (Source de.wikipedia.org/wiki/Marderabwehr))

Range: >40m with free field of vision

Loudspeaker's beam angle: max. 140°

Connection of additional piezoelectric loudspeakers: max. 4 additional loudspeakers may be connected

Functional display: blinking LED

Connection: via free cables

Dimensions: ca. 72 x 50 x 33 mm (without fastening straps, with potentiometer)

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