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FG015 - Animal repeller / High power ultrasonic generator



Animal repeller To drive away wild animals such as martens, rodents (e.g. out of carports, lofts, camper vans), wild boars, deer, etc. (from gardens, farmland, etc.). The device produces an enormously loud, pulsating and aggressive ultrasonic sound of about 21 kHz which is not audible to most people, but represents a considerable annoyance for wild animals which, therefore, try to avoid it. In some cases (not always!) it is also possible to drive away dogs and cats that are used to human community. The device is operated with 4 batteries R14 (UM2) which last up to 8 months depending on the quality.

Technical Data:

Fastening: at walls or ceilings with 4 screws Ø 3 mm (not attached)

Batteries: operation with 4 batteries UM2 (R14, round cell), not included

Equipment-on indication: via a built-in LED which lights up during radiation of ultrasonic sounds.

Assembly: suitable for outside assembly but only at spots that are protected against splash water (under the canopy, installed into aviaries in the garden, under a parking caravan, etc.)

Ultrasonic frequency: approx. 21 kHz ($\pm 10\%$)

Mark space ratio: approx. 0,6 sec. ON, app. 6 sec. rest

Sound pressure: > 100 dB ($\pm 15\%$) (Ultrasonic devices should have a sound pressure level exceeding 100 dB (C) to avoid habituation (ADAC test results).

(Source <http://de.wikipedia.org/wiki/Marderabwehr>) de.wikipedia.org/wiki/Marderabwehr)

Angle of radiation: $> 120^\circ$

Loudspeaker: special piezoelectric ultrasonic high-power loudspeaker with lacquered (humidity-proof) membrane

Acoustic range: > 200 m

Operating voltage: 6 V/DC (4x batteries UM2)

Current consumption idle: app. 0,005 mA

Current consumption active: app. 5 mA

Tested temperature range: -15°C - $+60^\circ\text{C}$

Dimensions: approx. 190 x 70 x 33 mm L x W x D (dimensions without fixing straps)

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