

Ultrasonic Pest Repellers: What You Need to Know Before Buying

<https://www.bjultrasonic.com/>

In order to drive insects, rodents and other pests away, people can try ultrasonic pest control devices since they produce a high-pitched sound. However, some people think these devices will affect other pets.

Range

As we know, the sounds from ultrasonic pest control devices lose about half their energy within 15 feet and are ineffective at 30 feet. So, to block the device's effects, you can place it in the way of the sound, such as a couch or table, permitting pest animals to hide behind large pieces of furniture to avoid the sound. Rodents run along walls and under furniture for protection from predators, which will decrease the effectiveness.

Frequencies

Ultrasonic frequencies are sounds above 20 kHz which is higher than a human can hear. However, rats and other rodents hear up to around 90 kHz, and dogs can hear up to 40 kHz and cats up to 60 kHz. Therefore, pest animals can also hear the ultrasonic frequencies.

Effectiveness

As a matter of fact, there is no evidence that ultrasonic devices can effectively repel pests. It is unlikely to bother pest animals if the sound or frequency doesn't bother humans or pets. A study shows that ultrasound works no better at repelling wild rats and other pests than audible sounds. If the sound can repel pest animals, it is also likely to upset pets like gerbils, hamsters and domestic rats.

Habituation

Sometimes, even irritating sounds may not be effective, for rodents quickly become accustomed to repeated noises. Mice and rats may feel

scared when they firstly heard the ultrasound, but they will return to their routines once they realize it can't hurt them.

Suggestions

- Although we can use ultrasound to create neurological damage, this requires sound of extreme intensity.
 - Ultrasonic device is capable of causing convulsions and damage in pest animals as well as in humans, cats, dogs and other domestic animals.
 - For less intense sounds, you had better choose commercial pest control devices.
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