



## PORTABLE **MOSQUITO** REPELLER HOME · R-107

De  
Marketing Department

Para  
Mass Market

Asunto  
Whitepaper

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V-Card · Contacto de empresa



**radarcan**<sup>®</sup>

## INDEX



1. Product's Description
2. FAQ's

## PRODUCT'S DESCRIPTION



We have developed the PORTABLE **MOSQUITO** REPELLER HOME to protect you even in rooms without any outlet.

(*Anopheles gambiae*). Tests in independent external universities and laboratories support **INSonuerit1.0** technology.



*Culex pipiens* (COMMON)



*Aedes albopictus* (TIGER)



*Aedes aegypti* (DENGUE)



*Anopheles gambiae* (MALARIA)

### It also works on the tiger

Did you know that scientific studies show that only female mosquitos bite and take in blood for the development of their eggs during gestation? The male mosquitos may fly around you, but they are no threat because they feed on sugary substances (nectar and fruit juices), as do the females.

The **MOSQUITOS** REPELLER HOME prevents bites from the following mosquito families: Common Mosquito (*Culex pipiens*), Tiger Mosquito (*Aedes albopictus*), Dengue Mosquito (*Aedes aegypti*), and the Malaria Mosquito

### Optimized and Compact

Our industrial engineers working hand-in-hand with our designers created an extremely compact design, because it was developed with the high-quality SMD (Surface-Mount Device) components with SMT (Surface-Mount Technology) in the production phase.

The use of this technology made higher power and stronger coverage possible, along with optimization for the maximum battery durability.

### Perfect Elegance

We have given maximum attention to detail and top quality. It is manufactured with high-quality materials, such as polycarbonate V0 and fire-proof treated materials, with no seams or splits, because every module is a single unit, made only of one piece, resistant to being dropped, with a bright polished white finish.

It is an engineered product that provides a touch of elegance that will blend in perfectly in any room of your house.

### Put it anywhere

The PORTABLE **MOSQUITO** REPELLER HOME runs with batteries which provides a lot of versatility and portability. It makes it extremely simple to put it where you really have the problem, even in corners and the most complicated places, such as camping tents or vehicles. It covers up to 269 sq. t. and the battery life is for 3 months running 24/7.

### It Features Two OF The Most-Wanted Qualities:

It Uses No Chemical Products And It Offers Unlimited Protection



We know there are two things you always expect from a RADARCAN product and with our PORTABLE **MOSQUITO** REPELLER HOME technology we provide them.

First, the PORTABLE **MOSQUITO** REPELLER HOME is 100% safe, because it uses no chemical products and it removes the need to constantly acquire costly spare parts - a savings in both time and money. Second, you and your whole family will be protected every day of the year. That's as clean and practical as it gets!

## Technologies

### **INSonuerit 1.0**

Our own advanced technology based on the use of specific ultrasound frequencies studied to find a natural method of protection against mosquitos. Ultrasound consists of high-frequency sound waves which are perceived by mice and cockroaches, but inaudible to humans.

### Certified frequency

The PORTABLE **MOSQUITO** REPELLER HOME is the result of more than 25 years of research by our R&D team. External accredited laboratories guarantee a high degree of effectiveness of **INSonuerit 1.0** technology.

### SMT

The manufacture of the PORTABLE **MOSQUITO** REPELLER HOME with microelectronic SMD (Surface-Mount Device) made it possible to obtain a compact size with high performance.

### Demitto

The design efficiency and the energy consumption optimization of the PORTABLE **MOSQUITO** REPELLER HOME make it possible to run the device for 3 months on 4 AAA 1.5 V batteries. (running 24 hrs/day).

## Other features

### Warranty extension

A 5-year warranty from the date of purchase when you register your device.

### Trust us

The high grade of efficiency of the PORTABLE **MOSQUITO** REPELLER HOME has been tested in universities and laboratories.

### Coverage

For indoor use. Coverage up to 269 sq. ft.

## Summary

Coverage	Up to 269 sq. ft.
Batteries	4 x 1.5 V AAA (not included)
Battery life	8 months (running 24 hrs./day)
Size	2 x 2 x 2 in.
Free of chemicals.	No refills.

## FAQ'S

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### Can the INSonuerit technology in this PORTABLE MOSQUITO REPELLER HOME affect: babies, pregnant women, children, adults or pets?

No. The INSonuerit technology used in the RADARCAN® devices cause no harm to people or pets.

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### I have heard that ultrasound is ineffective against mosquitos. Is this true?

Please bear in mind that ultrasound is simply a term used to indicate that acoustic emissions of a frequency higher than 20KHz (human hearing limit) are being used.

The use of this technology should be backed up by studies, tests and certification that attest to the efficiency of the technology and the chosen ultrasound frequency, as well as the strength and the emission pattern. Our products are, thus, tested and certified in highly-respected laboratories and universities.

NOT ALL ANTI-MOSQUITO devices that emit ultrasound waves ARE EFFECTIVE. Each infestation must be fought against with the specific appropriate technology.

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### Does it work against all types of mosquitos?

Its efficiency has been tested and certified to work on the common mosquito (*Culex pipiens*), the tiger mosquito (*Aedes albopictus*), the dengue mosquito (*Aedes aegypti*), and the malaria mosquito (*Anopheles gambiae*).

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### What is the lifespan of the PORTABLE MOSQUITO REPELLER HOME?

The lifespan is unlimited.

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### Does it need refills?

Only the batteries need to be replaced when they run out.

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### How long do the batteries last?

The estimated duration of alkaline batteries is 3 months, running constantly 24 hours a day.

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### Where should I place the PORTABLE MOSQUITO REPELLER HOME?

- Be sure not to block the front of the PORTABLE MOSQUITO REPELLER HOME where it emits the sound waves.
- Plug it into a standard outlet located between 1 (30 cm) and 5 (150 cm) feet from the floor, free from obstacles. It is only recommended for inside spaces.
- To protect the area of the bed, hang the PORTABLE MOSQUITO REPELLER HOME near it and at a height of approximately 2 1/2 ft. (75 cm) from the floor.

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### Is it necessary to plug it in only at night?

It works more efficiently when it runs 24 hours a day.

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### Can I hang more than one PORTABLE MOSQUITO REPELLER HOME in the same space?

Yes. The effect of the PORTABLE MOSQUITO REPELLER HOME will be strengthened and be able to reach the maximum possible surface area.

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### Can I plug in another RADARCAN® product in the same area of the house?

Yes. Our products are totally compatible.

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### The mosquitos don't go away! Why?

The mosquitos might become inactive due to the effect of the PORTABLE MOSQUITO REPELLER HOME and thus, remain inactive without biting. Nevertheless...

1. Check to be sure the indicator light is on.
2. Check to be sure you hear a faint sound when plugging it in or unplugging it.
3. Be sure the front part of the PORTABLE MOSQUITO REPELLER HOME, where the sound waves are emitted, is not obstructed.
4. Be sure to leave it running continuously 24 hours a day.

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### What if the indicator light is not working?

Check to see if it comes on if you plug the PORTABLE MOSQUITO REPELLER HOME into a different outlet. If you confirm that it still does not come on, get in contact with the RADARCAN® technical department.

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