



PERSONAL **MOSQUITO** REPELLER **PLUS**

From

Marketing Department

For

Mass Market

Subject

Whitepaper

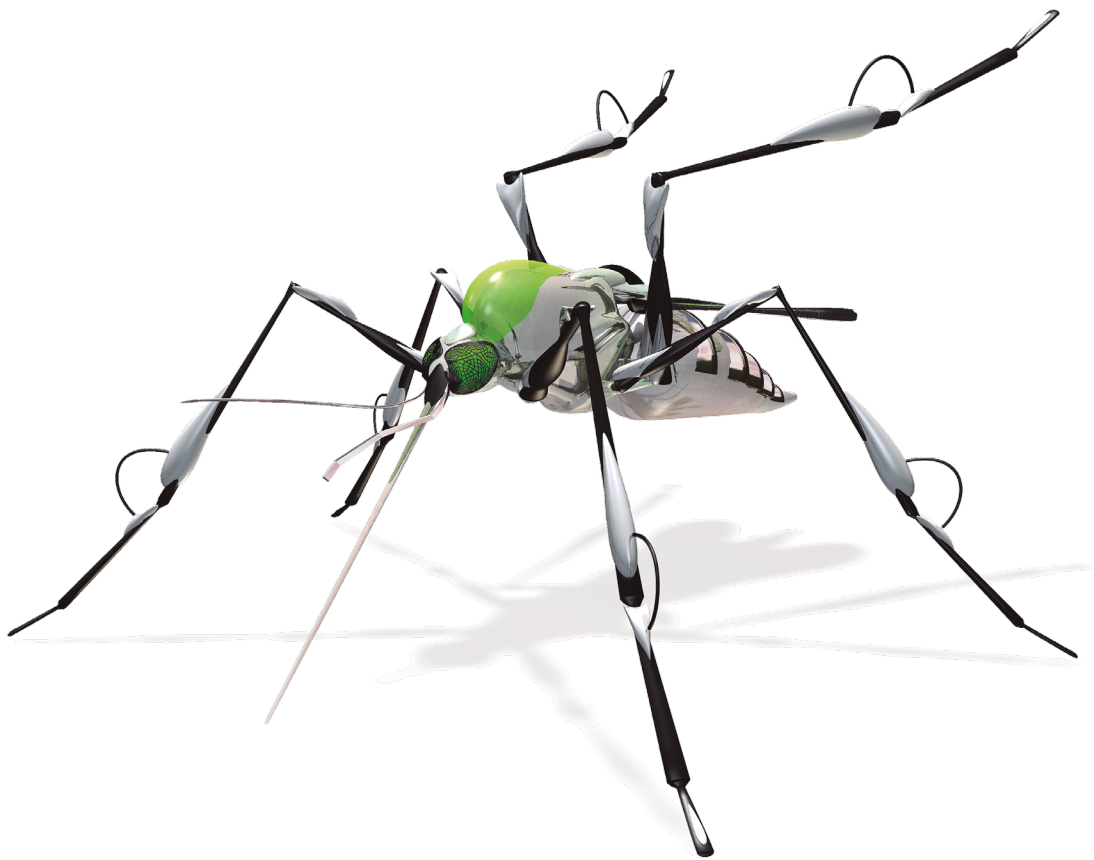
Date

21 · 12 · 2017

V-Card · Contact



radarcan[®]



INDEX

1. Product's description

2. FAQ's

PRODUCT'S DESCRIPTION



The PERSONAL **MOSQUITO** REPELLER **PLUS** is the result of combining all our experience to come up with the most conveniently portable technological solution for the prevention of mosquito bites, wherever you go, with an independent power supply for up to 1000 hours.



It also works on the tiger

The PERSONAL **MOSQUITO** REPELLER **PLUS** equipped with our SONUERIT technology prevents bites from the following mosquito families: Common Mosquito (*Culex pipiens*), Tiger Mosquito (*Aedes albopictus*), Dengue Mosquito (*Aedes aegypti*), and the Malaria Mosquito (*Anopheles gambiae*). Tests in independent external universities and laboratories support SONUERIT technology.



Aedes aegypti (DENGUE)



Anopheles gambiae
(MALARIA)



Design

Fine, light and sturdy.

Through an engineering project a product made up of a sole body was developed. It is not composed of different parts, nor are there seams or splits, which makes it possible to provide a better soundboard for the emission of the SONUERIT technology sound.

To make its elegance stand out, we used materials like polycarbonate V0, with a bright polished white finish resistant to being dropped.

Super small.

By using SMT (Surface-Mount Technology), SMD (Surface-Mount Device) components and a watch battery, we came up with a device so compact that it is super small.

You don't even realize you're wearing it.



Always have it with you

Wear it while running, playing golf, hiking and trekking, fishing, camping, barbecuing, etc.

Its your perfect adventure companion while traveling and in all your open-air activities.

You can use it in multiple ways

It has been created to be practical and multi-purpose in all situations. You can wear it with the colored silicone wristband, or use its clip to clip it onto a shirt, blouse, jacket, pants pocket or backback, or to a baby buggy or stroller.

Lasts up to 10 months.

We were able to optimize the circuit in order to minimize consumption, which is so low that with a battery the size of a watch battery, it lasts up to 1000 hrs, equivalent to 8 months (with average use at 4 hrs/day).

What's your color?

Hypoallergenic silicon wristband specifically designed for the PERSONAL **MOSQUITO** REPELLER **PLUS** in 4 different colors: Blue marino, Gray, Turquoise and Orange.



Technologies



Sonuerit

Our own advanced technology. Based on the use of a particular sound frequency researched to come up with a biomimetic method of protection against mosquitos.



Certified frequency

The PERSONAL **MOSQUITO** REPELLER **PLUS** 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 Sonuerit technology.



SMT

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



Demitto

The efficiency of the PERSONAL **MOSQUITO** REPELLER **PLUS** design and the consumption optimization makes it possible for only one LR44 1.5 V battery to last for 1,000 hours (equivalent to 10 months running 4 hrs/day).

Summary

Coverage

Up to 6 1/2 ft. all around your body

Batteries

1 x LR44 alkaline battery

Battery duration

10 months

Size

1.10 x 0.86 x 0.47 inches.

Free of chemicals.

No refills.

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 PERSONAL **MOSQUITO** REPELLER **PLUS** has been tested in universities and laboratories.



Coverage

Protection up to 6 1/2 ft., all around your body.

FAQ's

In my PERSONAL **MOSQUITO REPELLER **PLUS** I hear a faint sound.**

The technology used in the PERSONAL **MOSQUITO** REPELLER **PLUS** gives off a weak sound that can be heard from short distances.

Does it work using ultrasound?

The PERSONAL **MOSQUITO** REPELLER **PLUS** model does NOT use ultrasound.

Does it work with all kinds of mosquitos?

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

What is the lifespan of the PERSONAL **MOSQUITO REPELLER **PLUS**?**

It has an unlimited lifespan.

Does it need refills?

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

How long does the battery last?

The battery is estimated to last for 8 months when used for 4 hours a day. If used constantly for 24 hours a day, it is estimated to last for 40 days.

In what other places can the PERSONAL **MOSQUITO REPELLER **PLUS** be placed?**

The PERSONAL **MOSQUITO** REPELLER **PLUS** can be worn like a watch on the wrist or the ankle, but it is also equipped with a clip which, when removed from the band, makes it possible to fasten it to a shirt or pants pocket, polo shirt, backpack, baby carriage or stroller. It is important not to cover up the front of the element to let the sound come out.

Can I use more than one PERSONAL **MOSQUITO REPELLER **PLUS** at a time?**

Yes. The effect of the PERSONAL **MOSQUITO** REPELLER **PLUS** will be strengthened to help reach the maximum protection possible.

Can I wear the PERSONAL **MOSQUITO REPELLER **PLUS** in water?**

No. The mechanism could be damaged.

The mosquitos won't go away!

Mosquitos might be observed in the surrounding area; however those would be male mosquitos, as only female mosquitos bite to feed on blood.

My PERSONAL **MOSQUITO REPELLER **PLUS** doesn't work.**

1. Be sure that the battery is new and correctly inserted.
2. Check that the on/off switch is to the left and that the "ON" sign is visible. Putting the PERSONAL **MOSQUITO** REPELLER **PLUS** close to your ear, you will hear a faint hum.
3. Do not block the PERSONAL **MOSQUITO** REPELLER **PLUS** sound outlet.

Once you have taken the information above into account, if you still do not hear the faint hum from the PERSONAL **MOSQUITO** REPELLER **PLUS**, get in contact with the RADARCAN® technical department.

radarcan®