

User Manual for VedaEHF device

Novosibirsk 2016

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3. Warranty certificate for the VedaEHF device

Serial number
Buyer.....
Phone number
Address.....
.....

This certificate confirms compliance of the device to the Technical Specifications 9444-002-28833138-2009 and its readiness for operation, and also grants the owner with the rights for warranty maintenance during the term specified in the passport.

Warranty obligations. Warranty period is 12 months from the date of sale of the device to the buyer. Provided that the requirements of storage rules, use and transportation guidelines during this term are followed, the manufacturer will repair the device at its own expense. More details can be found on the website www.vedapuls.com

I have no complaints to the appearance, completeness and operation of the device. I hereby confirm that I have read, understood and agree with all of the above warranty conditions.

Manufacturer
Date.....
Manufacturer Signature

Seller
Date.....
Seller Signature

Buyer
Date.....
Buyer Signature

Reason of device acceptance for repair
.....
.....

Information on the completed repair
.....
.....

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1. Technical certificate

1.1. Device application

VedaEHF is a portable EHF-IR therapy device with changeable therapeutic oscillators (hereinafter the device and oscillators). It is designed for treatment with low-intensity background radiation of electromagnetic waves of extremely high frequency (EHF) and infrared (IR) bands by exposure to biologically active points and the skin areas of the body.

The device and oscillators can be used in a wide profile health care facilities and individually by prescription in hospitals and clinics, as well as for self-help and mutual aid.

The device is made as a portable version with internal power supply. It is designed for use in stationary conditions.

Contraindications to EHF-therapy: non-defined diagnosis; idiosyncrasy of this way of therapy.

1.2. VedaEHF modes of operation

VedaEHF device with changeable oscillators provides modes of EHF-therapy. EHF-therapy implies the following types of radiation to the body: wideband noise radiation and radiation at fixed frequencies.

VedaEHF performs EHF-therapy via background resonance radiation (BRR®) which is based on the application of materials that can reproduce the body's own frequencies independently. Due to the exposure on cell's structures own frequencies, pathological oscillations weaken or are totally suppressed and physiological

oscillations intensify, as well the body receives the restoration of its dynamic balance.

The VedaEHF device has 3 modes of operation:

- 1) 5 min session (switched on by single clicking the «Mode» button);
- 2) 1 min session (switched on by double-clicking the «Mode» button);
- 3) 0 min session (switched on by triple-clicking the «Mode» button).

Before using the device in each particular case, the consultation with a doctor is needed to determine the final diagnosis and exclude individual contraindications. In case of difficult diagnosis, a doctor's control is required during the initial course of treatment.

1.3. Technical characteristics

- Frequency band exposure 330-300 GHz
(wavelengths 10 ~ 1 mm)

Pulses frequency:

First mode.....4 Hz

Second and third modes9 Hz

- Remote oscillator frequency 440 - 43 GHz
(wavelengths 7,5–6,977 mm)

- Flux density of the impulse power of remote oscillator no less than $5 \times 10^{-10} \text{ W/cm}^2$

- The depth of EHF-radiation penetration to human skin 300-500 μm

- Power supply 2 batteries LR03/AAA, voltage 1,5 V

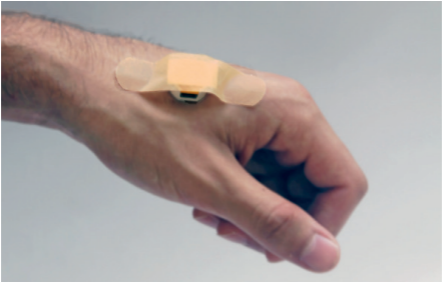
- The device run time on new batteries no less than 100 hours

- Device weight no more than 150 g

- Dimensions of the device 110x55x30 mm

The device switches off automatically.

7. Disconnect the cable from the oscillator and leave the outside oscillator attached to the exposure area



Handle the device carefully, do not allow any sort of liquid immerse into the device and especially in the oscillator. The device and oscillators can only be disinfected by wiping with a cotton wool or a napkin which is slightly moistened with alcohol or special disinfecting solution.



5. Press the “Mode” button twice, LED 2 will light up

6. Press the «Start» button.



Within 1 minute the emission spectrum is fixed from pathological area onto an oscillator. During this process LEDs 1 and 2 will blink by turns and sound signal will appear. In one minute the LED 2 will light up, the sound signal will disappear, and in 10 seconds the LED 2 will switch off.

1.4. Complete set

A complete set contains:

- 1) device with integrated oscillator;
- 2) two outside oscillators;
- 3) connecting cable for outside oscillator USB 2.0, A/mini B 5P;
- 4) user manual;
- 5) box.

1.5. Battery replacement

If LEDs flash when switching on the device, it is a signal that batteries should be replaced.

To replace batteries:

- 1) open the battery compartment cover
- 2) remove the used batteries
- 3) insert new batteries with the correct polarity
- 4) close the battery compartment
- 5) check the functioning of the device

1.6. Storage precautions

The device should be stored in the manufacturer's package in areas with air temperature from +5 °C to +40 °C, with humidity no more than 80% at 25 °C.

If the device is not used for a long time, remove the batteries.

1.7. Application guidelines

1. The device is a low-intensity source of EHF radiation and infrared radiation.

Operation of the device must be performed only after reading this manual.

2. Use of the device must be performed in strict accordance with the operational documentation. Use caution when working with outside oscillator, protecting it from bumps, shocks, falls, or other damage.

It is prohibited to rumple or warp the connection cable, to stretch it when cleaning, to pull the cable while disconnecting oscillator from the device socket.

When connecting/disconnecting the cable to/from the device and to/from the oscillator, hold the cable strictly at the socket.

Before using the oscillator it is recommended to disinfect it with a napkin made of flannel (gauze, cotton wool), slightly moistened with ethyl alcohol. Before disinfection the napkin should be wrung out carefully. In order to avoid penetration of water into the device or oscillator, it is strictly forbidden to wipe EHF-oscillator with wet (not wrung out) napkin. It is allowed to use other disinfectants approved by the manufacturer of VedaEHF devices.

Press «Mode» and «Start» buttons with intervals not less than 1~2 sec. Otherwise there can be failure or false operation of the device.



3. Place the oscillator's active surface (completely white) onto the painful area
When working with wounds and burns it is possible to work through a bandage or to place an oscillator near the affected area.



4. Fix the outside oscillator with the adhesive bandage so that the cable could be disconnected.

Total amount of the exposure time onto organs' projection areas should not exceed 30 minutes per day.

Exposure by the background resonant radiation (BRR®)



1. Attach the cable to the device body via the USB-socket.
2. Then attach the oscillator to the cable.

In order to avoid damage of the device and oscillators, it is strictly forbidden: to use salt batteries (with R03 marking); to put oscillators into water; to subject the device to hits

2. Application manual

2.1. Application procedure of VedaEHF device

Direct exposure on organs' projection areas

This type of exposure doesn't require cable.



1. Press the «Mode» button (see 1 in picture) once.

Then LED 1 lights up (2).

2. Press the built-in oscillator (3) to the selected area according to the prescription of the EHF expert extension of the VedaPulse software.

3. Press «Start» button (4). After that LED 1 blinks and you will hear the faltering signal.

4. Duration of the procedure – 5 min. After this time is over, the sound signal stops and both LEDs light up. In 10 seconds LEDs go out, and the device will switch off.



If a 10-minute session is required, before the procedure press the “Mode” button three times. Both LEDs will light up.

If it is necessary to switch off the device before the session is over, press the «Start» button again.

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