

Research and Production Company “BIOMEDIS”

Device “Svetoch”

APPLICATION INSTRUCTIONS

4436-001-87530614-2010

Moscow

Being development of model range of quantum devices, the device “Svetoch” represents a compact design made with the help of modern technologies and indicated for individual usage in office and domestic conditions for psychological rehabilitation (reduction of stress loads) and for relaxing of eye muscle tension of people that experience tiredness and excessive stress.

2. Technical characteristics

2.1 The device represents a portable device, consisting of two emitters of light mounted on internal side of sunglasses’ lenses, having dark color, and miniature control device (CD) with buttons for control fitted compactly on internal side of the glasses.

Emitters of light represent 2 LEDs of 3 colors (RGB) closed by secondary optics; it allows getting any color of radiation in visible spectrum.

2.2 Pulse repetition frequency of interpulse modulation is $9,2 \pm 0,2$ Hz.

2.3 Duration of impulses of interpulse modulation is 0,015 ms.

2.4 Number of work’s regimes: 12.

2.5 Modulating frequency of radiated amplitude in each regime is from 0 till 10 Hz with accuracy of 0.01 Hz.

2.6 Form of modulating signals is sinusoidal.

2.7 Supply – built-in Li-poly battery with capacity of 170 mA/h.

2.8 Weight is not over than 100 g.

3. Completeness

3.1 Device “Svetoch”1 Unit

3.2 Battery charger.....1 Unit

3.3 Passport.....1 Unit

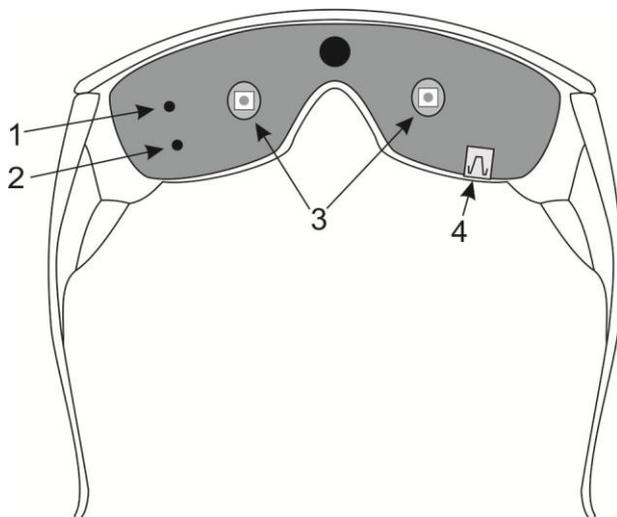
4. Safety Instructions

4.1 The device belongs to products, working with safe extra-low voltage of supply. Depending on the type of protection from injuries caused by electric shock, the device is included in the group of the BF type (internal source of supply).

4.2 The device may be used in damp conditions but it should be kept from direct contact with water.

4.3 In case of finding any irregularities in functioning of the device, stop session of healing immediately! Don't use device, having visible external defections (cracks, scratches, etc.)!

4.4 Exercise caution while using device: try not to punch or drop it in order to avoid damages of light's emitters!



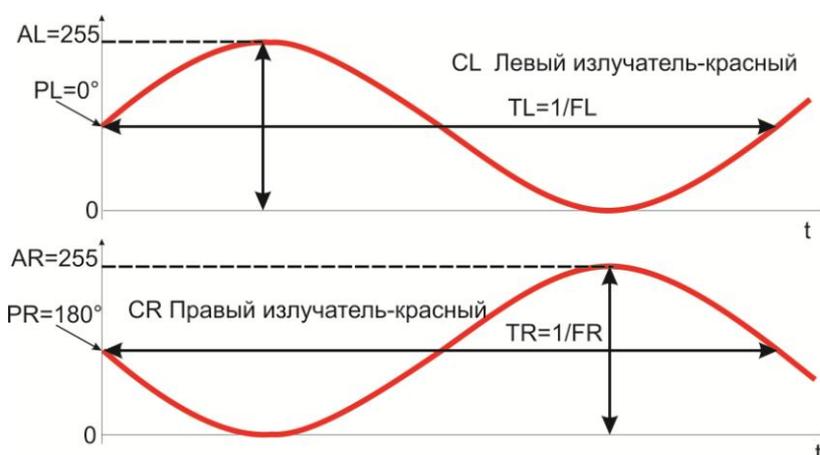
Picture 1. 1 – on/off button; 2 – button for choice of work's regimen; 3 – emitters of light; 4 – mini USB-input.

5. Mechanism of device and preparation for application

5.1 Click the button “on” to switch on the device! In this case both emitters of light will turn white of the average brightness and the device will produce a proper beeping sound. If it is not switched on, it is necessary to charge the device. Use supply charger and the cable included in the kit for this purpose (any source of supply with voltage of 5 V and current value of 500 mA with appropriate input may be used as a charger; USB for PC input may be utilized as well)! The process of supply will be displayed as periodical switching of emitters of light with green color. When the device will have been supplied, both emitters of light will turn dark blue.

5.2 The device contains 12 memory cells. Each memory cell determines one out of 12 regimes of work exercised by emitters of light. The following characteristics of radiation may be recorded in the each memory cell:

- color – CR, frequency of modulation – FR, initial phase of modulating signal – PR, amplitude of radiation – AR of right emitter;
- color – CL, frequency of modulation FL, initial phase of modulating signal – PL, amplitude of radiation – AR of left emitter (picture 2).



Левый излучатель – красный **Left emitter - red**

Правый излучатель – красный **Right emitter – red**

Picture 2. Characteristics of radiation. Characteristics of radiation exercised by right and left emitters are taken as an example: frequencies and amplitudes are the same; initial phases are shifted by 180° , it means – in opposite phase. The color is red.

5.3 The choice of work's regime is carried out by consecutive pressing of the button 2 (picture 1). In this case, each press of the button changes color of emitters. The table below presents suitability between colors of emitters with numbers of work's regimes in case of switching regimes.

Red left – regime №1
Green left – regime №2
Dark blue left – regime №3
Yellow left – regime №4
Light blue left – regime №5
Purple left – regime №6
Red right – regime №7
Green right – regime №8
Dark blue right – regime №9
Yellow right – regime №10
Light blue right – regime №11

Table 1.

5.4 If the button 2 will not be pressed in 5 minutes after a regime has been chosen, the program of correction, corresponding to the chosen work's regime, will be started.

5.5 The following work's regimes (programs of balancing meridians) are recorded as defaults by the manufacturer:

Regime №1 - left **DARK-LIGHT BLUE** 1 Hz, right **ORANGE** 1 Hz, opposite phase (swinging of the 1st and the 7th meridian).

Regime №2 - left **RED**, right **LIGHT BLUE** 1 Hz, opposite phase (swinging of the 2nd and the 8th meridian).

Regime №3 - left **RASPBERRY** 1 Hz, right **GREEN-LIGHT BLUE** 1 Hz, opposite phase (swinging of the 3rd and the 9th meridians).

Regime №4 – left **GREEN** 1 Hz, right **PURPLE** 1 Hz, opposite phase (swinging of the 4th and the 10th meridians).

Regime №5 – left **YELLOW-GREEN** 1 Hz, right **VIOLET** 1 Hz, opposite phase (swinging of 5th and 11th meridians)

Regime №6 – left **DARK-BLUE** 1 Hz, right **YELLOW** 1 Hz, opposite phase (swinging of the 6th and the 12th meridians)

Regimes №7 - № 12 repeat the regimes №1 - №6.

5.6 Regimes of the device's work can be changed with special software (it's not included in the kit).

6. Rules on session implementation

6.1 Make yourself comfortable, sitting in an arm-chair or lying on a sofa! Switch on the device! Choose work's regime by consequent pressing the button 2 (picture 1)!

After you will have chosen the needed regime, the program of correction will be started automatically: left and right emitters of light will turn colors which correspond to the chosen regime.

Attach the device and apply the session of correction; look at source of light with open eyes during the session; in case of two sources of the light, look at the place between them!

6.2 Number of sessions depends on specifics and tension of user's work; the number of sessions may be from 3 to 6 times per day. The device may be applied daily. Duration of one session must not be longer than 10 minutes.

After you finish the session, you should take off the device, press and hold the button 1 (picture 1) till switching off the device.

6.3 After transportation during temperature below 10 °C, the device should be kept at room temperature for 2 hours.

6.4 Time of continuous operation lasts 4 hours.

7. Technical service

7.1 Before application remove dust from the device's surface with dry soft flannel napkin!

7.2 Carry out external examination and make sure that mechanical damages or other type of defects lack!

7.3 When the housing becomes dirty (including the cases, when the device is used by different persons), it is needed to disinfect it with 3% solution of hydrogen

peroxide, cleaning 2 times with napkin of coarse calico with the interval of 15 minutes between the cleanings.

7.4 All types of repair are carried out in the factory: by the manufacturer or in specialized workshops.

8. Manufacturer's warranty

8.1 The company-manufacturer guarantees conformity of the device to requirements of technical specifications 4436-001-87530614-2010 when kept, transported and used properly.

8.2 Operation warranty period is 1 year.

8.3 During the warranty period the company-manufacturer repairs or replaces the device without any charge.

8.3 The warranties of the company-manufacturer don't cover devices, having signs of mechanical, chemical or thermal damages caused by user's fault or negligence.

8.4 Operation warranty period is calculated since the date of the device's sale. If the date of sale is not noticed, operation warranty period is calculated since the date of manufacture or re-verification. If you have questions linked with warranty repair service, contact the device's point of sale!

9. Healing action of color

№	Meridian	Color of toning (stimulation)	Color of relaxing (calming)
1	Lungs (Yin)	Dark - light blue	Orange Right

		left	
2	Colon (Yang)	Light blue right	Red Left
3	Stomach (Yang)	Green – light blue right	Raspberry Left
4	Spleen and pancreas (Yin)	Green left	Purple Right
5	Heart (Yin)	Yellow - green left	Violet Right
6	Small intestine (Yang)	Yellow right	Dark blue Left
7	Urinary bladder (Yang)	Orange right	Dark – light blue Left
8	Kidneys	Red	Light blue

	(Yin)	left	Right
9	Pericardium (Yin)	Raspberry left	Green – light blue Right
10	Triple Burner (Yang)	Purple right	Green Left
11	Gall bladder (Yang)	Violet right	Yellow - green Left
12	Liver (Yin)	Dark blue left	Yellow Right

Table 2.

9.1 Table 3 includes colors of toning and relaxing of the body's main energetic meridians. Lack of energy in any meridian is reached through toning of this meridian and relaxing of the opposite one. Excess of energy in any meridian is achieved through relaxing of this meridian and toning of the opposite one.

9.2 Since meridians are at right and left hand sides, Yang meridians stimulate through the right eye but they calm through the left eye, Yin meridians stimulate through the left hand side but relax through the right hand side.

10. Acceptance report

The device “Svetoch” is manufactured and accepted in accordance with mandatory requirements and the acting documentations; it is recognized fit for service.

Notice of technical control

LS _____

(personal signature) (decryption of signature)

« _____ » _____ 201

(date of manufacture)

Warranty card 1

(Filled in by seller)

Device «**Svetoch**»

Seller _____

signature

Date of sale «__» _____ 201

Stamp of commercial enterprise:

Filled out in case of repair:

Performed works of repair:

Executive Director _____

LS Date «__» _____ 201

Name and address of enterprise that performs warranty repair:

Ltd Research and Production Company «**BIOMEDIS**»

105122, Moscow, 2A, Schelkovskaya

tel.: +7(495)6468826 www.biomedis.ru

Warranty card 2

(Filled in by seller)

Device «**Svetoch**»

Seller _____

signature

Date of sale «__»_____201

Stamp of commercial enterprise:

Filled out in case of repair:

Performed works of repair:

Executive Director _____

LS Date «__»_____201

Name and address of enterprise that performs warranty repair:

Ltd Research and Production Company «**BIOMEDIS**»

105122, Moscow, 2A, Schelkovskaya

tel.: +7(495)6468826 www.biomedis.ru