

**User
Manual**

AP-001

Frellux



Other languages





User manual

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Welcome to the Zepter family of lifestyle devices,
created around our long-standing philosophy:
Live Better. Live Longer.

Thank you for choosing the Zepter Frellux™,
a compact handheld device that uniquely
combines Hyperlight and microcurrent
technologies in one easy-to-use design. Frellux™
is intended for those everyday moments marked
by muscle tension, ache sensations or skin
fatigue, offering a personalized experience
anytime, anywhere.

This manual will guide you through the device's
features, safe operation, and daily use.

1. Description and purpose of the device

Frellux™ is an innovative, unique portable device that combines red hyperlight (640 - 660 nm) and electrostimulation technologies, commonly used for ache-related discomfort, muscle tension and skin ageing appearance. It features five hyperlight frequency programs designed to deliver a progressive energy spectrum – from lower-frequency “warm” modes for a calming effect, to higher-frequency “cold” modes suitable for soothing sore or irritated areas. This allows users to select the most comfortable and effective program for their specific condition. With 19 adjustable microcurrent intensity levels, Frellux offers a range of sensations from red hyperlight, calming stimulation to stronger, deeper activation.

Features

- **640 - 660 nm red hyperlight filtered through Fullerene C₆₀**
- **36 Gold-Coated Micro-Needles** for even, gentle stimulation
- **Five Hyperlight Frequency Programs**
- **1–19 Pulse Energy Levels**
- **Independent or Combined Use Modes**
- **Compact & Travel-Ready Design**

2. Safety Instructions

Read before use and follow the instructions carefully. Failure to follow these recommendations may lead to device malfunction and personal injury. Please keep this manual for future reference.

⚠ WARNING! THIS APPLIANCE CAN BE USED BY CHILDREN AGED FROM 8 YEARS AND ABOVE AND PERSONS WITH REDUCED PHYSICAL, SENSORY OR MENTAL CAPABILITIES OR LACK OF EXPERIENCE AND KNOWLEDGE IF THEY HAVE BEEN GIVEN SUPERVISION OR INSTRUCTION CONCERNING USE OF THE APPLIANCE IN A SAFE WAY AND UNDERSTAND THE HAZARDS INVOLVED.

CHILDREN SHALL NOT PLAY WITH APPLIANCE. CLEANING AND USER MAINTENANCE SHALL NOT BE MADE BY CHILDREN WITHOUT SUPERVISION.

⚠ WARNING! THIS APPLIANCE IS NOT INTENDED FOR USE BY PERSONS (INCLUDING CHILDREN) WITH REDUCED PHYSICAL, SENSORY OR MENTAL CAPABILITIES, OR LACK OF EXPERIENCE AND KNOWLEDGE, UNLESS THEY HAVE BEEN GIVEN SUPERVISION OR INSTRUCTION CONCERNING USE OF THE APPLIANCE BY A PERSON RESPONSIBLE FOR THEIR SAFETY.

⚠ WARNING! Use of the Frellux device by persons with NICKEL hypersensitivity.

HEALTH CONTRAINDICATIONS AND WARNINGS

- 1) **NICKEL ALLERGY:** The massage tips (needles) of the device have a technological nickel layer beneath the gold plating.
- 2) Due to the risk of an allergic reaction (e.g., redness, itching, rash), **use of the device is contraindicated for individuals with a known allergy or hypersensitivity to nickel.**
- 3) If any symptoms of skin irritation occur at the site of contact with the device, discontinue massage immediately and consult a physician.
- 4) The manufacturer recommends that people with very sensitive skin perform a short spot test (1-2 minutes) before fully using the device.

WARRANTOR'S DISCLAIMERS:

The warranty does not cover:

- Allergic reactions and skin irritations resulting from the user's individual hypersensitivity to the materials used in the production (in particular, to nickel contained in the subsurface layers of the massage elements).
- Natural wear of the gold plating (abrasion) resulting from use, which may expose the nickel layer. The user is required to read the instruction manual and contraindications before first use.

⚠ WARNING! Risk of electric shock. Do not connect the device to a power supply that does not comply with the parameters specified in this manual - the parameters are given in section 8. **Do not use a power supply unit with a damaged casing or one without the CE mark.**

⚠ WARNING! Make sure that the voltage of the mains socket matches the voltage indicated on the power supply unit nameplate. **After confirming that the casing is not damaged, connect the power supply unit to a properly installed mains socket.**

⚠ WARNING! Do not operate the device with wet hands or in a damp environment (e.g. when taking a bath).

⚠ WARNING! The device or the power supply unit must not be immersed in or splashed with water or washed in a dishwasher.

⚠ WARNING! Use of the electrostimulation function on the head, neck, or heart area should be performed with care and only if you are familiar with proper application. Consult your healthcare professional before use. This caution applies exclusively to the electrostimulation feature of the device.

⚠ WARNING! The device emits red hyperlight. Avoid direct eye exposure when using the device. Do not look directly into the red hyperlight source when it is on.

⚠ WARNING! Ingress of liquids or foreign materials into the device enclosure may compromise device functionality and safety. Immediately power off the device if contamination occurs and arrange inspection and servicing only through an authorized repair center.

⚠ WARNING! Turn off the device and disconnect it from the power supply before cleaning. Use a soft, slightly damp cloth to wipe the exterior surfaces. Do not allow liquid to enter any openings or the USB/power ports. Do not use alcohol, solvents, abrasive cleaners, or spray detergents directly on the device.

⚠ WARNING! Do not use the device if it shows any signs of damage to: the connection cable, casing, needles, LEDs or other parts.

⚠ WARNING! Do not perform any repairs or alterations yourself.

⚠ WARNING! To charge the battery, connect the device to a power supply unit using the USB cable provided.

⚠ WARNING! Repairs of the device may only be performed by an authorised ZEPTEK repair centre. In the event of unauthorised repairs, the manufacturer's liability is excluded.

⚠ WARNING! Before using this device, individuals with acute or chronic diseases should seek professional advice from a medical specialist to determine if this type of body stimulation is suitable for them!

⚠ WARNING! To ensure safe and effective use of the device, it must not be used by individuals with the following conditions or situations where use may pose a risk:

- with oncological diseases, photoallergy, or epilepsy,
- with circulatory system disorders including coronary heart disease or thrombosis,
- with electronic implants such as pacemakers or artificial heart valves,
- with open wounds, pathological skin lesions, or active skin conditions,
- who are pregnant or breastfeeding.

Consult a healthcare professional if you have any of the above conditions before using the electrostimulation function of this device.

⚠ WARNING! Battery Safety: This device contains a rechargeable battery. Never dispose of the device or its battery in fire or expose it to high temperatures. Doing so is dangerous and may cause the battery to explode or release hazardous materials.

⚠ WARNING! The device generates heat during operation. Avoid placing it on heat-sensitive surfaces and handle it with care after extended use, as certain parts may become warm.

3. Product features

Top view of the device:

- (1) - Removable fullerene coated lens
- (1a) - Removable head cover with needles and red hyperlight source

Electrostimulation control buttons

- (2) - Button ϕ "on/off" of the device
- (3) - "+" button to increase pulse energy on level
- (4) - "-" button to reduce pulse energy on needles

Red hyperlight control buttons for red hyperlight

- (5) - "on/off" $\star$ button
- (6) - "+" red hyperlight program change button
- (7) - "-" red hyperlight program change button



Display

- (8) - $\mathcal{f}$ Display of intensity frequency level 1-19
- (9) - $\star$ Display of red hyperlight program 1-5
- (10) - Battery level bar

Power supply connection point

- (11) - USB type C socket for power supply unit connection

4. Contents of the packaging

- Frellux
- USB cable
- User manual
- Warranty card
- Case

5. How to use the device

PLEASE NOTE: Before starting application, the user must read section 2 of this manual carefully and comply with the safety measures indicated.

PLEASE NOTE: After unpacking the device and each time after a long period of non-use, connect the power supply unit for 5 hours to fully charge the battery.

5.1 Switch on

Press and hold the button ϕ (2) for a minimum of 3 seconds until you hear one short beep.

The battery charge level bar (10) will then display the current battery level for 2 seconds — the number of illuminated segments corresponds to the charge remaining. Next, the pulse energy level display on the needles (8) will show "0," indicating that the device is ready for use. If no button is pressed within 1 minute, the device will automatically switch off, which is indicated by two long beeps.

5.2 Select the program

You can choose one of the three methods of operating the device:

- I. Electrostimulation only
- II. Red hyperlight only
- III. Electrostimulation and red hyperlight

Application of red hyperlight:

programs 1-5 are used for relaxation. The user should individually select the appropriate program according to their own preferences and needs.

I. Electrostimulation only:

- a) Remove the needle cover **(1a)** and the head cover **(1)**, switch on the device and start electrostimulation by setting the intensity level to "1".
- b) The level of stimulation can be changed freely during the operation of the device by using the "+" **(3)** and "-" **(4)** buttons. Each time the stimulation level is changed, the digit corresponding to the level set (from 1 to 19) is displayed on the upper display **(8)**. There are 19 pulse energy levels available on the device.
- c) Apply the device to the area on your body that you want to relax and gently move it over the skin for 10 minutes. The application can be extended to two sessions (20 minutes in total) to avoid heating the region.

II. Red hyperlight only:

- a) Leave the cover it on for a more relaxing effect.
- b) Switch on the device. Leave the electrostimulation at intensity level "0".
- c) To start the red hyperlight program hold **(5)** for a minimum of 3 seconds until you hear one short beep. The red hyperlight program display **(9)** shows 0, indicating that this function is ready for operation.
- d) The red hyperlight program can be changed as desired by briefly pressing the "+" **(6)** and "-" **(7)** buttons; the lower display **(9)** will show successive digits from 1 to 5 indicating the red hyperlight relaxation programs.
- e) Red hyperlight programs:
 - Continuous red hyperlight - "digit 1" is displayed.
 - Pulsation at 10 Hz - "digit 2" is displayed.
 - Pulsation at 600 Hz - "digit 3" is displayed. (neutral)

- Pulsation at 3 kHz - "digit 4" is displayed.
- Pulsation at 8 kHz - "digit 5" is displayed.

- f) Programs 1-2 use warmer red hyperlight, produced through continuous or low-frequency output. Programs 4-5 use colder red hyperlight, created through higher-frequency pulsation. Program 3 sits between warm and cold red hyperlight.
- g) Apply the device to the area on your body that you want to relax and gently move it over the skin for 10 minutes. The application can be extended to two sessions (20 minutes in total) to avoid heating the region.

III. Electrostimulation and red hyperlight:

Using red hyperlight together with electrostimulation creates synergy.

- a) Start electrostimulation by setting the intensity level to "1". Choose the intensity of electrostimulation that is comfortable to you. Electrostimulation can be adjusted at any time during the application by pressing "+" **(3)** or decreased by pressing "-" **(4)**.
- b) Select the red hyperlight program according to your own preferences.
- c) Apply the device to the area on your body that you want to relax and gently move it over the skin for 10 minutes. The application can be extended to two sessions (20 minutes in total) to avoid heating the region.

PLEASE NOTE: A slight redness may appear on your skin during or after use, but it should disappear after a short time.

6. Pause device operation

At any time during device operation, you can activate Pause by briefly pressing button **(2)**. When activated, the letter "P" appears on the upper display **(8)**, and both the electrostimulation and red hyperlight functions are temporarily turned off. To resume operation, press button **(2)** again. If no action is taken, the device may automatically power down after a set period to conserve battery.

When the electro stimulation level is set to 1, pressing the "-" button **(4)** that adjusts the electrostimulation level will also pause the device.

7. Deactivate the pause function

The Pause status can be switched off by briefly pressing:

- a) ψ (2). The device will resume operation. The letter "P" disappears from the upper display (8) and the digit indicating the last pulse energy level used on the needles appears in its place. If the red hyperlight relaxation program was selected, it will be resumed as well.
- b) "+" on the energy level of the pulses on the needles (3) if the Pause was activated by moving from program 1 to program 0 of pulse energy on needles. The device will resume operation. The letter "P" will disappear from the upper display (8) and the digit 1 indicating the pulse energy level on the needles will appear in its place. If the red hyperlight relaxation program was selected, it will be resumed as well.

In the Pause mode, the device can be switched off by pressing button ψ (2) for 3 seconds or by not pressing any button for 1 minute.

8. Completing a device operating cycle

A single session of the device lasts 10 minutes and ends with one long beep. At the end of the session, the previously set pulse energy level and red hyperlight program (if activated) will flash on the displays as an indication.

After the first session, a second stimulation session can be initiated within one minute.

To start the second session, briefly press the "+" button (3) to reactivate the previously used pulse energy level and red hyperlight program.

Upon completion of two consecutive 10-minute sessions (totaling 20 minutes), the device enters a hibernation mode lasting 3 minutes. During hibernation, the upper display (8) shows the letter "H." When hibernation ends, the display will show "0," indicating that the device is ready for further use.

If the device remains inactive after hibernation, it will automatically shut off after one minute to conserve battery power.

9. Switching off the device

The device can be switched off at any time by pressing and holding button ψ (2) for at least 3 seconds until you hear two short beeps. This action will deactivate both the electrostimulation and red hyperlight functions. Once switched off, all digits on the displays will turn off, indicating the device is no longer operational.

10. Charging the battery

10.1 Low battery indication

A low battery is indicated by the slow flashing of the first segment on the battery level bar (10). When this occurs, the device must be connected to a power supply to recharge. If the first segment on the battery level bar remains continuously lit, it indicates a fully discharged battery. In this case, the device must be immediately connected to a power supply to avoid automatic shutdown.

10.2 Charging the battery

Battery charging starts when the USB cable of the power supply unit is connected to the device socket (11) and then the power supply unit is connected to the mains socket.

The points on the battery level bar (10) will light up in proportion to the battery charge level.

When the battery is fully charged, the last point on the battery level bar (10) lights up and remains lit until the power supply unit is disconnected from the device.

The device can be used while charging. The device can be started by pressing and holding the button ψ (2) for 3 seconds.

- Charging time
~ 3 hours
- Total operating time after battery charge
8 cycles 2x10 min. with a 3-minute break

10.3 Charging the battery during operation

You can start charging the battery at any time. This process does not interrupt the selected stimulation program. The indication on the battery level bar **(10)** is identical to that in section 10.2.

11. Cleaning and maintenance

Clean the device with a soft, clean, damp cloth after switching it off and disconnecting it from the mains.

After each use of the device, it is recommended to disinfect the needles with a generally available disinfectant.

 **WARNING!** Do not immerse the device in water or clean it under running water. Do not use abrasive cleaners or cloths or agents containing chlorine.

12. Technical data

1. Manufacturer

ZEPTER INTERNATIONAL POLAND Sp. z o.o.,
Domaniewska 37,
02-672 Warsaw, Poland

2. Required power supply unit parameters (no power supply unit is included)

- USB-A socket
- Output voltage 5.0 V DC
- Output current minimum 1.1 A
- CE-marked power supply unit compliant with EU regulations

3. Frellux

- Device operating temperature and battery charging
+10°C - +30°C
- Transport and storage temperature up to 3 months
-10°C - +40°C
- Humidity during storage and use
< 75%
- Battery type
Li-Ion poly NCM 102540 3.7 V 1100 mAh

- Pulse energy at 500 Ohm load
< 300 mJ
- Red hyperlight source wavelength
640 - 660 nm
- Red hyperlight pulse parameters:
pulse time / interval / repeatability

- Program 1	continuous red hyperlight
- Program 2	0.05 s / 0.05 s / 100%
- Program 3	$0.833 \cdot 10^{-3} \text{ s} / 0.833 \cdot 10^{-3} \text{ s} / 100\%$
- Program 4	$0.166 \cdot 10^{-3} \text{ s} / 0.166 \cdot 10^{-3} \text{ s} / 100\%$
- Program 5	$0.0625 \cdot 10^{-3} \text{ s} / 0.0625 \cdot 10^{-3} \text{ s} / 100\%$
- Weight without packaging:
Frellux 170 g +/- 10 g
- Country of origin:
Poland
- The product complies with the following norms:
EN 60335-1
EN 62233
EN 62471
EN 55014-1
EN 55014-2
EN 61000-3-2
EN 61000-3-3

13. Description of symbols used



User manual



Read the User manual



For indoor use



It is forbidden to dispose of a used device with household waste. Waste electrical and electronic equipment (WEEE) must not be disposed of with municipal waste.



The device contains a Li-poly battery and cannot be disposed of with normal household waste.

CE The product complies with the requirements of the EU directive.

EAC The EAC mark means that the product complies with applicable standards, has passed all Eurasian Customs Union conformity assessment procedures and is authorized for trading within the Customs Union countries.

 **Warning**

14. Troubleshooting

Fault	Possible cause	Remedies
No response after pressing the button ⏻ – device cannot be activated	Discharged battery	Connect a power supply unit with the parameters given in this manual and charge the battery
Device does not respond when connected to the power supply	- No voltage at the mains socket -incorrectly connected USB power cable - inappropriate power supply unit	- Connect a power supply unit with the parameters specified in this manual to an operational mains outlet - Disconnect the USB cable from the device and the power supply unit and reconnect it tightly

If the remedies are ineffective, disconnect the power supply unit from the mains and take the complete set to the repair centre.

15. Warranty

The warranty is valid for **2 years** from the date of purchase indicated on the invoice issued by the seller at the time of delivery. The detailed warranty conditions are set out in the Warranty Card given to the Customer together with the product and the purchase invoice. The warranty does not affect the customer’s rights under the national law or the customer’s rights under the sales contract.

16. Device disposal

The following environmental information applies in the European Union and other European countries with selective waste collection systems. The packaging and casing of the device, as well as the User manual and Warranty Card are recyclable.

16.1 Disposal of waste batteries

 This product contains a rechargeable battery. This symbol indicates that the battery should not be disposed of with normal household waste. Instead, it should be taken to a suitable collection point for recycling. The battery does not contain excessive amounts of mercury, cadmium or lead in accordance with the provisions of Regulation (EU) 2023/1542 of the European Parliament and of the Council. For your own safety, do not remove the battery from the product. Always contact an authorised Zepter repair shop. Battery replacement must be carried out by an authorised Zepter repair shop; replacement by the user is not permitted.

 **WARNING!** Never throw a battery into a fire. It is very dangerous and forbidden. It may cause an explosion.

16.2 Disposal of the device

 This symbol indicates that in the European Union the product must be disposed of at a separate waste collection point. This applies to the product and to all accessories marked with this symbol. Products marked as such must not be disposed of with normal household waste; instead, they must be taken to a collection point for the recycling of electrical and electronic equipment.

16.3 Packaging

 If you wish to dispose of the packaging, make sure you follow the environmental regulations applicable in your country.

17. Declaration of Conformity

CE Frellux complies with the following European directives: EMC (Directive 2014/30/EU), ROHS (Directive 2011/65/EU together with Directive 2015/863/EU amending Annex II), WEEE (Directive 2012/19/EU). The CE Declaration of Conformity guarantees that the device is safe, has been checked and tested and meets all the requirements set out in the applicable standards, directives and regulations.

Frellux

User Manual

AP-001



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