



# LIBERA<sup>TM</sup> CLASSIC

Embolden - Emancipate - Empower

## USER MANUAL

***Thank you for Choosing LIBERA!***

**Dear Valued Customer,**

*Thank you for purchasing LIBERA, your personal solution for non-invasive menstrual pain relief. We appreciate your trust in our technology and are committed to providing you with a safe and effective experience. LIBERA is designed to help you manage menstrual discomfort with ease, allowing you to go about your day with confidence and comfort.*

*For optimal results, please read this user manual carefully before use. If you have any questions or need assistance, our support team is always here to help.*

*Wishing you comfort and well-being,*  
**EMICROLABS Team.**



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## DISCLAIMERS

1. LIBERA is designed for general wellness and menstrual pain relief. It is not intended to diagnose, treat, or cure, or prevent any medical condition. Consult your healthcare provider before use if you have any underlying health conditions, are pregnant, or use an implanted medical device (e.g., pacemaker)
2. Only use LIBERA as instructed in this manual. Do not modify, disassemble, or use the device for any purpose other than its intended use.
3. Keep LIBERA out of reach of children and pets. This device is intended for adult use only.
4. Avoid exposing the device to extreme temperatures, moisture, or direct sunlight. Improper storage or handling may affect performance.
5. For warranty coverage, support, and troubleshooting, refer to the warranty section of this manual or contact our customer service team.

***We hope LIBERA enhances your comfort and daily routine. Thank you for choosing us!***

## 1. INTRODUCTION

LIBERA Classic is a non-invasive solution for managing menstrual pain using Pulsed Electromagnetic Field Therapy (PEMFT). This manual provides complete guidance on setup, usage, maintenance, and safety instructions to ensure optimal performance and longevity of your device.



Fig 1: Libera Classic

## 2. DEVICE OVERVIEW

### 2.1. Components

The LIBERA Classic device is designed with essential components that work together to provide effective pain relief through Pulsed Electromagnetic Field Therapy (PEMFT). The key components include:

- **Main Unit** – The core of the device that generates PEMFT, delivering therapeutic electromagnetic pulses to relieve menstrual pain.
- **Loop** – The therapy applicator that transmits electromagnetic pulses to the affected area, ensuring optimal pain relief.
- **LED Indicators** – These lights provide real-time status updates, such as battery level, charging status, and operation mode.
- **On/Off Button** – A single button that allows easy control of the device, turning it on and off with a simple press.
- **Charging Port** – The designated port for connecting the USB 2.0 A-Male to Micro B Cable for charging, ensuring efficient and safe recharging of the device.
- **Protective Pouch** – A specially designed pouch that helps keep the device safe when in use.

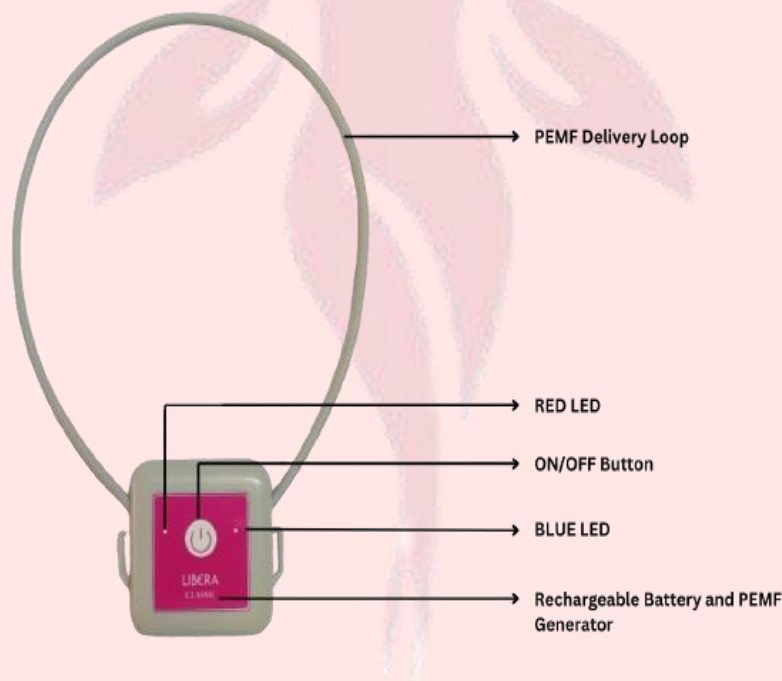


Fig 2: Libera Classic Device

## 2.2. Features

The LIBERA Classic is equipped with several features to enhance user experience and effectiveness:

- **Portable and Lightweight** – The device is compact and easy to carry, making it convenient for use at home, work, or while traveling.
- **Pulsed Electromagnetic Field Therapy (PEMFT)** – A non-invasive, drug-free pain relief technology that helps alleviate menstrual cramps without side effects.
- **User-friendly Interface** – Designed for effortless operation, the device has a simple one-button control that makes it easy to use.
- **LED Indicators** – Provide visual cues to inform users about the device's status, battery life, and operation mode.
- **Rechargeable Battery** – The built-in lithium-ion battery ensures long-lasting use and eliminates the need for frequent battery replacements.

### 2.3. Technical Specifications

Name	Description
Technology	Uses Pulsed Electromagnetic Field (PEMF) through Pulsed Short-Wave Therapy (PSWT) technology to target and alleviate pain associated with primary dysmenorrhea.
Mode of Action	Delivers therapeutic pulses in a loop over the lower abdomen to block pain signals, enhance blood circulation, and relax muscles.
Non-Invasive	Provides a non-invasive solution to menstrual pain relief without the need for medication.
Weight	Weighs less than 20grams, making it lightweight and comfortable to wear.
Rechargeable	Powered by a 3.7V, 200mAh LiPo battery, rechargeable via Bi-Metal contacts.
Charging Safety	Does not emit therapeutic pulses while charging for added safety.
Usage Duration	Offers 30 minutes of therapy per session.

<b>Adjustable Settings</b>	Customizable settings with a frequency of 27.1 MHz carrier modulated by 1 kHz.
<b>Portability</b>	Compact and portable, designed for discreet, everyday use.
<b>Battery Type</b>	Rechargeable lithium-ion battery for long-lasting operation.
<b>Battery Life</b>	Provides up to 8 hours of continuous use per charge.
<b>Charging Time</b>	Fully recharges in approximately 2-3 hours for quick and efficient use.
<b>Charging Voltage</b>	Uses a 5V USB 2.0 A-Male to Micro B Cable charger, compatible with standard phone chargers.
<b>Therapy Mode</b>	Uses Pulsed Electromagnetic Field Therapy (PEMFT) for safe and effective menstrual pain relief.

### 3. HOW LIBERA WORKS

#### 3.1. How LIBERA Classic Works

The LIBERA Classic device utilizes Pulsed Electromagnetic Field Therapy (PEMFT), a scientifically backed, non-invasive technology designed to alleviate menstrual cramps. By generating electromagnetic fields, the device delivers pulses deep into the body, directly targeting pain sources. These pulses stimulate cellular activity, helping to reduce discomfort and promote overall well-being.

#### 3.2. Benefits of PEMFT

PEMFT offers several physiological benefits that contribute to effective menstrual pain relief:

- **Stimulates Natural Healing Processes** – The electromagnetic pulses enhance cellular function, promoting the body's natural ability to repair and recover.

- **Enhances Blood Circulation** – Improved circulation ensures better oxygen and nutrient delivery to tissues, reducing cramp intensity and discomfort.
- **Relaxes Muscles** – The therapy helps ease muscle tension, preventing spasms and reducing pain.
- **Reduces Inflammation and Muscle Spasms** – PEMFT aids in reducing swelling and relaxing muscles, minimizing discomfort associated with menstrual cramps.
- **Decreases Uterine Contractions** – By calming excessive uterine contractions, the therapy helps relieve intense cramping.
- **Releases Endorphins** – The device stimulates the production of endorphins, the body's natural pain relievers, helping to provide long-lasting relief without the need for medication.

## 4. WARNINGS

To ensure the safe and effective use of LIBERA Classic, please adhere to the following precautions:

- ⚠ Do not immerse the device in water or any other liquid. Exposure to moisture can damage internal components and affect device performance.
- ⚠ Avoid using LIBERA Classic on broken or irritated skin. Applying the device to compromised skin may cause discomfort or adverse reactions.
- ⚠ Keep the device away from extreme temperatures. Excessive heat or cold can impact battery performance and overall functionality.
- ⚠ Do not disassemble or attempt to repair the device yourself. Unauthorized tampering may lead to malfunctions, void warranties, and pose safety risks.
- ⚠ Only use the provided charger. Using a non-compatible charger may cause battery damage or reduce device lifespan.
- ⚠ Avoid using the device while charging. Operating the device during charging may compromise safety and effectiveness.
- ⚠ Do not expose the device to magnetic-sensitive materials. Keep the device away from objects such as pacemakers, or other electronic medical implants, as electromagnetic fields may interfere with their function.

## 5. CAUTIONS

- ! Do not immerse the device in water or expose it to moisture. Moisture can damage the internal components and affect device performance.
- ! Do not use the device on broken, irritated, or sensitive skin as it may cause discomfort or adverse reactions. Always ensure the skin is clean and free from any abrasions.
- ! Do not expose the device to extreme temperatures, such as placing it in direct sunlight, near heaters, or in a freezing environment. Exposure to extreme heat or cold can damage the device and affect its functionality.
- ! Do not attempt to disassemble or repair the device yourself. Unauthorized tampering or repairs can lead to malfunctioning, void the warranty, and pose safety risks.



- ! Keep the device away from magnetic-sensitive materials, such as pacemakers, or other electronic medical implants, as the electromagnetic fields generated by the device could interfere with their functionality.
- ! Avoid using the device while charging. Ensure the device is turned off while charging to maintain safety and effectiveness.

## 6. PACKAGE CONTENTS

Your Libera Classic set comes with:

- ✓ LIBERA CLASSIC device.
- ✓ Charger Module.
- ✓ Protective Pouch.

## 7. DEVICE USAGE

### 7.1. *Charging the Device*

To ensure optimal performance, the LIBERA Classic device must be properly charged before use. Follow these steps to safely charge the device.



Fig 3: Libera Classic Charging using USB

#### 7.1.1. Preconditions:

- A compatible charger (provided with the device) is available.
- The red LED blinks, indicating a low battery and the need for charging.



### 7.1.2. Charging Steps:

- Turn off the device before connecting it to a power source.
- Connect the device to the charger using the provided USB 2.0 A-Male to Micro B Cable.
- The charging Red LED turns on, indicating that charging is in progress.
- Once the battery is fully charged, the red LED will turn off, and blue LED will turn on signifying that the device is ready for use.

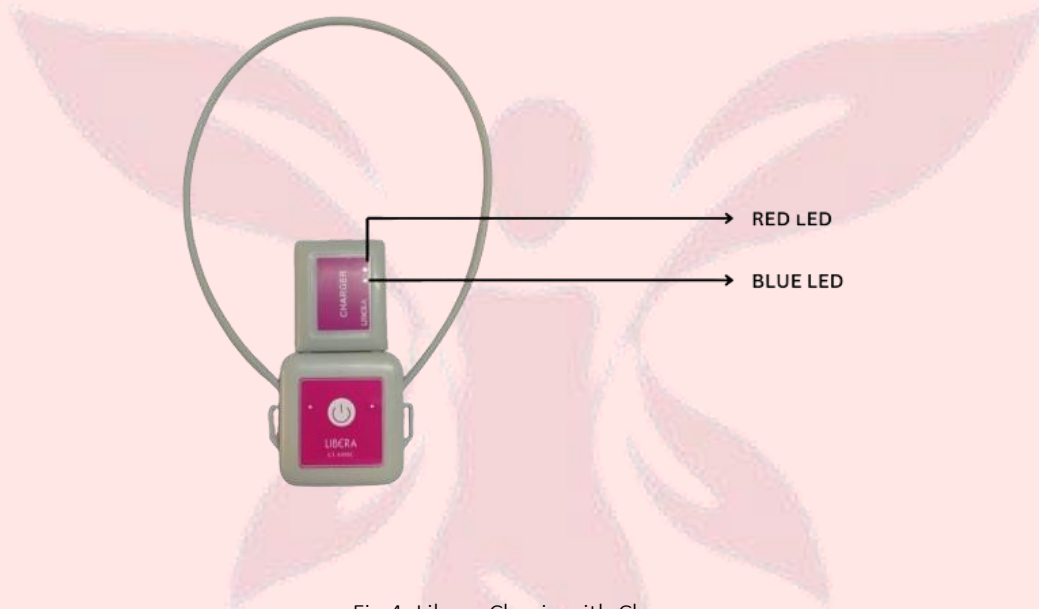


Fig 4: Libera Classic with Charger

## 7.2. Turning the Device On/Off

- The LIBERA Classic is designed for easy operation with a single button for turning the device on and off.

### 7.2.1. To Turn ON:

- Press and hold the On/Off button for **3 seconds**.
- During this time, the **blue and red LEDs will turn on**. After releasing the button, the device powers on, and the **blue LED starts blinking**, indicating that the device is active and delivering therapy.

### 7.2.2. To Turn OFF:

- Press and hold the On/Off button for **4 seconds**.

- During this time, the **LED will remain illuminated**, indicating that the shutdown process is in progress.
- **Release the button after 4 seconds.** The **LED will turn off**, confirming that the device has powered down successfully.

### 7.3. Positioning the Device

- Proper placement of the device ensures maximum effectiveness in relieving menstrual cramps.
- Place the loop section directly on the pain-affected area for targeted therapy.
- Store the main unit in the protective pouch for added comfort and convenience while using the device.

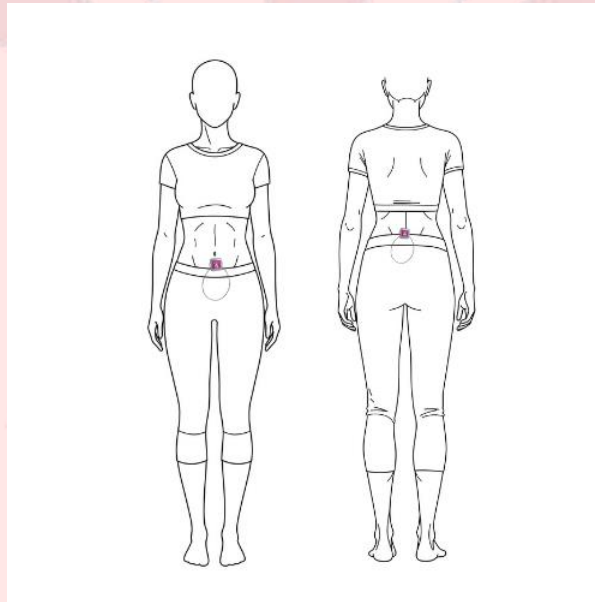


Fig 5: Libera device positioning

### 7.4. Checking Device Functionality

To verify that the LIBERA Classic is working correctly:

- Ensure the blue LED blinks continuously, indicating that therapy is active.
- Verify that the loop is correctly positioned on the pain area for optimal relief.

### 7.5. Stopping the Device in an Emergency

In case of an emergency or if immediate cessation of therapy is required:

- Press and hold the On/Off button for 4 seconds to immediately turn off the device.

## 8. INDICATIONS & CONTRAINDICATIONS

### 8.1. Indications

The LIBERA Classic device is specifically designed to provide relief from menstrual pain. Using Pulsed Electromagnetic Field Therapy (PEMFT), the device helps to reduce cramps, ease muscle tension, and improve blood circulation, offering a drug-free, non-invasive solution for managing menstrual discomfort.

### 8.2. Contraindications

The LIBERA Classic device should not be used by individuals with the following conditions, as it may pose potential health risks:

- **Pregnant Women** – The effects of PEMFT on pregnancy have not been extensively studied, and its use is not recommended for expectant mothers.
- **Individuals with Metal Implants** – Electromagnetic fields may interfere with metal implants, potentially causing discomfort or adverse effects in the therapy area.
- **Individuals with Prior Uterus Operations** – Those who have undergone uterine surgeries should consult a healthcare professional before using the device, as PEMFT may affect scar tissue or post-surgical healing.

## 9. MAINTENANCE, CARE & SERVICE LIFE

### 9.1. Cleaning Instructions

Proper cleaning of the LIBERA Classic device helps maintain its performance, hygiene, and longevity. Follow these steps to safely clean the device:

- Turn off the device before cleaning to prevent accidental operation.
- Disconnect it from the charger to avoid any electrical hazards.
- Use a soft, damp cloth to gently wipe the surface of the device, removing dust, dirt, or any residue. Avoid using abrasive cleaners, alcohol, or harsh chemicals, as they may damage the device.
- Allow the device to dry completely before using it again to ensure safe and effective operation.

## 9.2. Storage Guidelines

Proper storage of the LIBERA Classic device ensures safety and prolonged usability. Follow these guidelines for optimal storage:

- Store the device in a cool, dry place to prevent exposure to humidity, which could damage internal components.
- Keep the device out of reach of children to avoid accidental misuse or damage.
- Avoid direct sunlight as excessive heat or UV exposure may affect the battery and material integrity of the device.

## 9.3. Service Life

The LIBERA Classic device is designed to provide long-term use with proper care. The following factors contribute to its service life:

### 9.3.1. Battery Life:

- Battery performance may decline after this period, but the device remains functional with reduced capacity.
- Rechargeable lithium-ion battery with a lifespan of 300-500 full charge cycles.

### 9.3.2. Device Lifespan:

- Expected to last 2-3 years with proper maintenance, cleaning, and safe storage.
- Wear and tear may occur over time, particularly in the charging port or battery.

### 9.3.3. Indicators for Service:






- Poor charging or malfunction: If the battery doesn't hold a charge or LED indicators are irregular, it may need servicing or a battery replacement.
- Device damage: If the loop or main unit malfunctions despite proper usage, contact customer support for repairs.









## 10. TROUBLESHOOTING

Problem	Problem Cause	Action
Device Does Not Turn On	Battery may be insufficiently charged.	Ensure the device is properly connected to the charger and check for LED indications to confirm charging.
Discomfort or Irritation	Skin irritation, discomfort, or unusual sensations from the device.	Discontinue use immediately. Consult a healthcare professional before resuming therapy.
No LED Indication While Charging	Charger may not be properly connected, or charger could be malfunctioning.	Check if the charger is securely connected to both the device and power source. If issue persists, try a different charger or contact support.



No Relief from Pain	Improper placement of the device or ineffective PEMFT application.	Reposition the loop over the affected area for optimal placement. If pain relief is still inadequate, contact support for assistance.
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## 11. LABELS & SYMBOLS USED

Symbol	Meaning	Description
	Manufacturer	To identify the manufacturer of a product.
	Date of manufacture	To indicate the date on which the device was manufactured.
	Recycle: Electronic Equipment	Separate collection for electrical and electronic equipment.
	Refer to the instruction manual/booklet	Use the device only after reading the instructions for use.
	Fragile, handle with care	Packages are easily breakable and should be handled with care to prevent damage during transport and storage.

	Batch code/ Lot number	Indicates the manufacturer's batch code so that the batch or lot can be identified.
	Serial number	Indicates the manufacturer's serial number so that a specific medical device can be identified.
	QC Pass	To indicate that a product has passed Quality Control inspection.
	Tested OK	To signify that a product has passed all required tests successfully.
	Do not use if package is damaged and consult instructions for use	Indicates a medical device that should not be used if the package has been damaged or opened, and that the user should consult the instructions for use for additional information.
	Keep dry	Indicates a medical device that needs to be protected from moisture.
	Humidity limitation	Indicates the range of humidity to which the medical device can be safely exposed.
	Temperature limit	Indicates the temperature limits to which the medical device can be safely exposed.



	Medical Device	Indicates the item is a medical device.
	Model number	To identify the model number or type number of a product.

## 12. SAFETY AND COMPLIANCE STANDARDS

S.No.	Standard Number	Standard Title
1	IEC 60601-1:2014	Medical electrical equipment — Part 1: General requirements for basic safety and essential performance
2	IEC 60601-1-2:2014	Medical electrical equipment — Part 1-2: General requirements for basic safety and essential performance — Collateral Standard: Electromagnetic disturbances — Requirements and tests
3	MEDICAL DEVICE RULES, 2017	Medical Devices Rules, 2017 — Ministry of Health and Family Welfare — (Department of Health and Family Welfare)
4	ISO 14971:2019	Medical devices — Application of risk management to medical devices
5	IEC 62304:2006	Medical device software — Software life cycle processes
6	ISO 13485:2016	Medical devices — Quality management systems — Requirements for regulatory purposes

7	ISO 10993-1:2018	Biological evaluation of medical devices — Part 1: Evaluation and testing within a risk management process
8	IEC 62366-1:2015	Medical devices — Part 1: Application of usability engineering to medical devices

## 13. WARRANTY & SUPPORT

### 13.1. Warranty

The LIBERA Classic device comes with a 1-year warranty, covering manufacturing defects and performance-related issues under normal usage conditions. For complete details on warranty terms, coverage, and claim procedures, please refer to the warranty card provided with the device.

### 13.2. Customer Support

For any inquiries, troubleshooting assistance, or warranty-related concerns, please contact our customer support team at [info@emicrolabs.com](mailto:info@emicrolabs.com). Our team is available to help ensure that you have a seamless and satisfactory experience with your LIBERA Classic device.

## 14. DISPOSAL & ENVIRONMENTAL GUIDELINES

To ensure environmentally responsible disposal of your LIBERA Classic device, follow these guidelines:

- **Follow Local Regulations** – Check for e-waste collection points or authorized recycling programs in your area to dispose of electronic devices properly.
- **Use E-Waste Bins** – Drop the device at designated e-waste bins available in electronic stores or community centres for safe disposal.