

# 2.4 Tesla BBMPulser 5B

## User Manual

For Wellness Use Only

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### Introduction

Thank you for choosing the **2.4 Tesla BBMPulser 5B PEMF (Magnetic Pulser)**.

The BBMPulser 5B generates high-intensity pulsed magnetic fields designed for general wellness applications. These pulsed magnetic fields induce micro-currents within body tissues, supporting the body's natural electrical environment.

The unit is designed for independent use. It may also be used in conjunction with complementary wellness systems such as the "Silver Aid" device and ozone generator as described in historical wellness literature related to the Beck Protocol, link below.

<https://bbmpulser.org/2019/12/23/the-beck-protocol-a-first-aid-kit-of-the-future/>

You can find more information on Protocol and Silver Aid device here: [bbmpulser.org/silver-aid](https://bbmpulser.org/silver-aid)

### Important Safety Information

Please read this manual thoroughly before operating the unit.

#### Do NOT Use the Device:

1. If you have a pacemaker or implanted electronic medical device.
2. During pregnancy.
3. Over implanted devices such as shunts.
4. Over areas of active internal or external bleeding (including menstruation).
5. Over metallic implants. Strong magnetic pulses will exert force on ferromagnetic and non-ferromagnetic materials.
6. In high humidity environments (e.g., sauna), near water, or in high heat areas.

### Cautions

- Discontinue use if nerve pain develops or increases during application.

- Use caution when applying over areas treated with heat-producing ointments or medications.
- Keep the device away from:
  - Credit cards and security cards
  - Magnetic storage media
  - Hearing aids
  - Mobile phones (>1ft away)
  - Car keys, key fobs
  - Computers and hard drives
  - Other sensitive electronic equipment
  - Avoid direct application over the heart or eyes.

Do not fall asleep while the unit is operating. The coil becomes hot during use and may cause burns if left in one location.

## **Thermal Protection**

The hand paddle contains a built-in 140°F thermal switch, but coil can get hot up to 210°C  
If the coil overheats:

- The unit enters Standby Mode.
- The red “Protect” LED will blink.
- An audible alarm will sound.
- Pulsing will stop automatically.

Turn the unit OFF and allow 30–45 minutes for the coil to cool down. The system resets automatically once the safe temperature is reached.

## **Package Contents**

- 2.4 Tesla BBMPulser 5B Main Unit
- Hand Paddle Coil
- 120VAC or 220VAC Power Cord (as specified)
- User Manual

# Device Indicators

## LED Indicators

- **White LED** – Power ON
- **Blue Blinking LED** – Pulse output active
- **Red Blinking LED** – Thermal protection active (Standby Mode)

# Operating Instructions

## Step 1 – Setup

- Connect the power cord to a properly rated AC outlet (120VAC or 220VAC as labeled on the back of the unit).
- Ensure the coil is not near metal objects or sensitive electronics (maintain 1–2 ft distance).

## Step 2 – Power On

Press the ON/OFF button (front top of the Unit).

## Step 3 – Select Output Intensity

Use the rotary control to select output between:

- 1.2 Tesla (12,000 Gauss) - 2.4 Tesla (24,000 Gauss)

A clicking sound during pulsing is normal, especially at higher settings.

## Step 4 – Placement

- Position the head of the hand paddle directly on or as close to the body as possible.
- Use North side of the Coil to the body. Letter “N” indicates – North side, “S” – South side.
- Clothing does not interfere with the magnetic field.
- For deeper stimulation – use on high power, light pressure may be applied.
- The magnetic field is strongest at the center surface of the coil.
- Magnetic flux from the coil has cone like shape on both sides of the coil (South and North)
- North side is stronger than South side due to the coil being offset to the North side

## Step 5 – Turning Off

Press the ON/OFF button at any time to stop operation.

## Typical Session Guidelines (Wellness Use)

**Begin with short sessions and increase gradually.**

### 1.2 Tesla (12,000 Gauss) 50%

- Start: 1–3 minutes
- Gradually increase based on comfort
- Used for general deep stimulation

### 1.8 Tesla (18,000 Gauss) 75%

- Start: 1–2 minutes
- Increase gradually as tolerated

### 2.4 Tesla (24,000 Gauss) 100%

- Use cautiously
- This intensity is best for pain suppression
- Short sessions recommended initially (1–5 minutes)

Session length varies depending on user comfort and results you are looking for. The device will automatically stop after approximately 7–8 minutes when thermal protection activates.

Hydration is recommended before and after sessions.

## Electrical Specifications

- Input Voltage: 120VAC or 220VAC (see rear label)
- Peak Power Consumption: 420 Watts
- Pulse Duration: 0.3 milliseconds
- Magnetic Field Output: 1.2 Tesla (12,000 Gauss – 2.4 Tesla (24,000 Gauss)
- Capacitor Bank: 400 $\mu$ F, Charge voltage 1.25kV
- Coil Copper Weight: 1lb
- Coil Construction: Copper strip, air core design

- Applicator wire: 6.5ft
- Unit Weight: Approx. 32lbs

## **Safety Features**

- Magnetic isolation from high voltage components
- 8A fuse protection (spare included)
- Thermal cutoff protection (140°F)
- Audible and visual overheating alerts
- Replaceable relays (service by authorized support only)

## **USB Ports**

Two built-in 5V / 0.5A USB ports are included for device charging only. Not intended for communication or diagnostics.

## **Grounding Information**

If your outlet does not provide grounding, the unit will still operate. However, using a properly grounded outlet is recommended when available.

Only operate the unit at the voltage printed on the rear panel.

## **Maintenance & Service**

Do NOT open the unit.

High voltage components are present internally.

User-serviceable components:

- 8A Fuse
- Relays (only if instructed by support)

Opening the unit without authorization voids warranty and may result in serious injury.

For service or RMA requests, contact support (see below).

## **Troubleshooting**

If the unit stops pulsing and red LED blinks:

- Thermal protection has activated.
- Allow 30–45 minutes cooling time.

For additional support, contact customer service.

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## **Warranty**

BBMPulser 5B is covered by a 3-Year Limited Warranty.

Warranty does not cover damage caused by:

- Misuse
- Improper voltage
- Unauthorized repairs
- Physical abuse or negligence

If the unit malfunctions, please contact our support for RMA or troubleshoot instructions by sending eMail to: [support@bbmpulser.org](mailto:support@bbmpulser.org) or call 1.216.309.8522 USA.

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## **Disclaimer**

The BBMPulser 5B is intended for wellness purposes only.

This device is not a medical device and is not intended to diagnose, treat, cure, or prevent any disease or medical condition.

The manufacturer makes no medical claims regarding the use of this device. Users assume full responsibility for its operation and application.

If you have a medical condition or concerns, consult a licensed healthcare professional before use.

Use of this device constitutes acceptance of these terms.