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## Hairmax PowerFlex 272

# Hairmax PowerFlex 272 Laser Cap User Manual

Model: PowerFlex 272 | Brand: Hairmax

## 1. INTRODUCTION

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The Hairmax PowerFlex 272 Laser Cap is an FDA-cleared medical device designed to treat hereditary hair loss and stimulate hair growth in both men and women. This device utilizes therapeutic laser light to energize hair follicles, reverse thinning hair, and promote a healthier hair growth cycle. It offers a flexible, cordless design with a short 7-minute treatment time.



Image 1.1: The Hairmax PowerFlex 272 Laser Cap, a flexible cap with red laser diodes visible inside.

### **1.1. Intended Use**

The Hairmax PowerFlex 272 Laser Cap is intended for the treatment of androgenetic alopecia (hereditary hair loss) and the promotion of hair growth in individuals with thinning hair or balding. It is suitable for both men and women.

### **1.2. Clinical Validation**

This technology has been validated by 7 clinical studies, holds 14 international medical device licenses, and has been featured in 6 published articles in medical journals. Clinical studies have shown an average hair count increase of 129 additional new hairs per square inch after six months of use.



Image 1.2: A man wearing the Hairmax PowerFlex 272 Laser Cap, illustrating how the device energizes hair follicles, stimulates hair growth, reverses thinning, restores hair growth cycle, increases density, and revitalizes damaged hair.

## 2. SAFETY INFORMATION

Please read all instructions and safety warnings before using the Hairmax PowerFlex 272 Laser Cap. Keep this manual for future reference.

### 2.1. General Precautions

- Consult with a healthcare professional before using this device if you have any pre-existing medical conditions, are taking photosensitizing medications, or have any concerns about your hair loss.
- Do not look directly into the laser light.
- Keep out of reach of children.
- Do not use if the device appears damaged.
- Use only the power adapter and cables provided by the manufacturer.

## 3. COMPONENTS

The Hairmax PowerFlex 272 Laser Cap package typically includes the following items:

- Hairmax PowerFlex 272 Laser Cap
- Rechargeable Battery Pack/Controller
- Power Cord (USB-C and USB-A cables may be included)
- User Manual
- Storage/Travel Bag

## INNOVATIVE DESIGN FEATURES



### **LIGHTWEIGHT & CORDLESS**

Hands free device.  
Ultra comfortable & flexible

### **272 LASER DIODES**

Densely spaced and precisely aligned to maximize laser light delivery

### **FAST TREATMENT**

7 minute treatment time

### **100% MEDICAL GRADE LASERS. NO LEDS**

For optimal stimulation of hair follicles

Image 3.1: Diagram highlighting the design features of the Hairmax PowerFlex 272 Laser Cap, including its dimensions (4" height, 8" length, 6.63" width), lightweight and cordless nature, 272 laser diodes, fast 7-minute treatment time, and 100% medical-grade lasers.

## 4. SETUP

Before first use, ensure the device is fully charged.

### 4.1. Charging the Device

1. Connect the charging cable to the battery pack/controller.
2. Plug the other end of the charging cable into a suitable power source (e.g., wall adapter, computer)

USB port).

3. Allow the device to charge completely. The battery indicator on the controller will show charging status.

## 4.2. Connecting the Controller

1. Locate the cable extending from the back of the laser cap.
2. Connect this cable to the large USB-A socket on the side of the controller/battery pack. Ensure a secure connection.

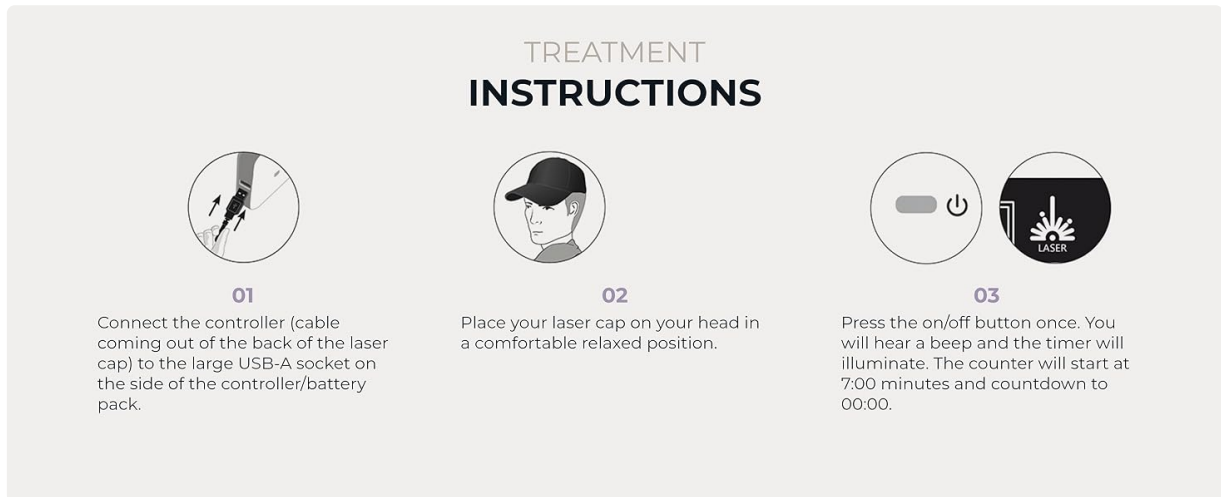


Image 4.1: Visual instructions for connecting the controller to the laser cap and initiating treatment. Step 1 shows connecting the cap cable to the USB-A socket on the controller. Step 2 shows placing the cap on the head. Step 3 shows pressing the on/off button to start the 7-minute countdown.

## 5. OPERATING INSTRUCTIONS

The Hairmax PowerFlex 272 Laser Cap is designed for ease of use with a 7-minute treatment time, three times per week.

### 5.1. Treatment Steps

1. Ensure the laser cap is connected to the charged controller.
2. Place the laser cap on your head in a comfortable, relaxed position.
3. Press the on/off button once on the controller. You will hear a beep, and the timer will illuminate. The counter will start at 7 minutes and count down to 00:00.
4. The logo, battery level, timer, and laser indicator light on the controller/battery pack will illuminate. The indicator light will flash to confirm the lasers are active.
5. Continue the treatment for the full 7 minutes. As the treatment nears its end, the timer will flash '0' for 10 seconds, followed by a double beep, and the lasers will turn off automatically.

### 5.2. Treatment Frequency

For optimal results, use the Hairmax PowerFlex 272 Laser Cap three times per week, with at least one day between treatments.



Image 5.1: A man wearing the Hairmax PowerFlex 272 Laser Cap while working on a laptop and drinking coffee, demonstrating the hands-free and convenient 7-minute treatment time, 3 times per week.

### 5.3. Expected Results Timeline

- **1-2 Months:** Changes begin beneath the surface. Increased blood flow brings more oxygen and nutrients to follicles.
- **3-4 Months:** Visible new hair growth. Thin, weakened hair is replaced by thicker, healthier hair with increased manageability and shine.
- **5-6 Months:** Hair continues to grow thicker, denser, and fuller. Less scalp is showing through as thinning and balding areas fill in with vibrant new growth.
- **After 6 Months:** Significant improvements in hair growth, thickness, and vitality. Consistent use helps maintain strong hair growth.

## WHAT TO EXPECT FROM HAIRMAX TREATMENT



Image 5.2: A visual timeline illustrating the expected hair growth progression over 1-2 months, 3-4 months, 5-6 months, and after 6 months of consistent Hairmax treatment.

## 6. MAINTENANCE

Proper care and maintenance will ensure the longevity and optimal performance of your Hairmax PowerFlex 272 Laser Cap.

### 6.1. Cleaning

- Ensure the device is turned off and disconnected from any power source before cleaning.
- Wipe the interior and exterior of the cap with a soft, slightly damp cloth.
- Do not use harsh chemicals, abrasive cleaners, or immerse the device in water.

### 6.2. Storage

- Store the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- Use the provided storage/travel bag to protect the cap when not in use or during transport.

## 7. TROUBLESHOOTING

If you encounter any issues with your Hairmax PowerFlex 272 Laser Cap, please refer to the following common solutions:

- **Device not turning on:** Ensure the battery pack is fully charged and securely connected to the laser cap.
- **Lasers not illuminating:** Check the connection between the cap and the controller. If the battery is charged and connected, and the device still doesn't work, contact customer support.
- **Short battery life:** Ensure the device is charged using the original charging cables and adapter. Battery performance may decrease over time with regular use.

For issues not listed here or if problems persist, please contact Hairmax Customer Support.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	LASERCAP272-KIT-LECC-FBA
Laser Diodes	272 Medical-Grade Lasers
Treatment Time	7 minutes
Treatment Frequency	3 times per week
Power Output	1360mW (total energy output)
Battery Type	2 Lithium Ion batteries (included)
Package Dimensions	14.09 x 11.85 x 8.15 inches
Item Weight	2.2 Pounds
Manufacturer	HairMax

## 9. WARRANTY AND SUPPORT

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### 9.1. Warranty Information

The Hairmax PowerFlex 272 Laser Cap is backed by a **6-month money-back guarantee** and a **1-year repair warranty**. Please retain your proof of purchase for warranty claims.

### 9.2. Customer Support

For technical assistance, warranty claims, or any questions regarding your Hairmax PowerFlex 272 Laser Cap, please contact Hairmax Customer Support through their official website or the contact information provided with your product packaging.