

HAIRMAX®  
The science of hair growth.™



HairMax®  
LaserBand 41

USER MANUAL

HAIRMAX<sup>®</sup>  
The science of hair growth.<sup>™</sup>

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United States 1-866-527-3726

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## Introduction to HairMax

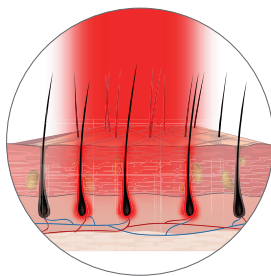
Your HairMax is a home-use laser device that has been Clinically Proven to treat hereditary hair loss in men and women. The HairMax is an over-the-counter (OTC) device that can be sold directly to the public.

## Indications

HairMax devices are indicated to treat Androgenetic Alopecia, and promote hair growth in females who have Ludwig (Savin) I-4, II-1, II-2, or frontal patterns of hair loss and in males who have Norwood Hamilton Classifications of IIa to V and who both have Fitzpatrick Skin Types I to IV.

## How HairMax works

HairMax works by providing laser energy to stimulate hair follicles. For optimal results, the laser must not be blocked by the hair and must have an unobstructed path to the scalp.



HairMax has teeth that part the hair and allow the maximum amount of laser energy to reach the scalp.

## Treatment with HairMax

HairMax should be used 3 times per week, spaced out every other day (for example, Monday, Wednesday, Friday). The HairMax should not be used more than the recommended treatment time per day. Clinical studies demonstrate that most users see benefits in as little as 16 weeks.\*

## HairMax Benefits

A clinical study was conducted in men and women over a six-month time period. The study showed that 90% of the men and women had an increase in the number of hairs.

See pages 7-8 for detailed results of the study.

\*Based on a minimum of 5 new hairs per square centimeter/32 new hairs per square inch being observed at the follow up visit

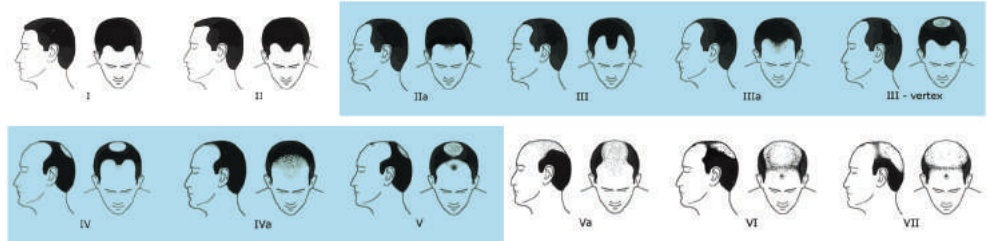
It is important that you read and understand the content of this User Manual before using your HairMax.

## WHO IS THE BEST CANDIDATE FOR THE HAIRMAX?

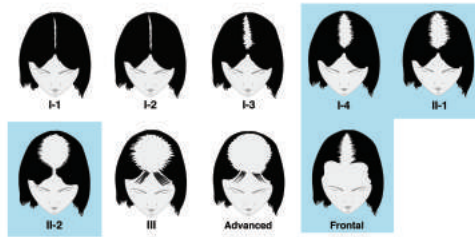
### How do you know if the HairMax is right for you?

HairMax can be used by men and women with thinning hair (including color-treated hair) or pattern baldness caused by a hereditary condition. Doctors use a system known as the Norwood Hamilton Classification (men) and the Ludwig-Savin Classification (women) to describe the degree of hair loss. Below are the pictures of the scales. The shaded areas show the type of hair loss that can be treated with HairMax.

Norwood Hamilton  
Classification - Males



Ludwig-Savin  
Classification - Females



HairMax has not been clinically tested for hair loss outside of the shaded areas.

## WHO IS THE BEST CANDIDATE FOR THE HAIRMAX?

The HairMax was studied in light to brown skin tones (Types 1,2,3,4) as described in the Fitzpatrick scale below. This does not mean it will not work on the darkest skin tones. Due to limitations of digital photography and hair counting software we were unable to test the darkest skin tones.

**Fitzpatrick Skin Type Classification Guide:** A way to describe your skin type based on your complexion and what happens to your skin in sunlight.

Type 1	Clinically Tested to be effective for these skin types	Very white or freckled skin, always burns with sun exposure (very fair; often in people with red or blond hair and blue eyes)
Type 2		White skin, usually burns with sun exposure (fair; often in people with red or blond hair and blue, green, or hazel eyes)
Type 3		White or olive skin tone, sometimes burns with sun exposure (fair; seen in people with any hair or eye color)
Type 4		Brown skin, rarely burns with sun exposure (common in people of Mediterranean descent)
Type 5	Not Clinically Tested for these skin types	Dark brown skin, very rarely burns with sun exposure (common in people of Middle-Eastern descent)
Type 6		Black skin, rarely burns with sun exposure

Adapted from Fitzpatrick's Dermatology in General Medicine. McGraw-Hill Professional; 5th edition.

Please note that HairMax was only tested on light to brown skin tones. This does not indicate that it will not work on darker skin tones.

## WARNINGS AND CAUTIONS

### WARNINGS

- ⚠ Do not stare directly at the red laser light or its reflection in a mirror because it can temporarily irritate your eyes. If you stare at the light for too long, it could harm your eyes. Also, never use a magnifying glass when using HairMax because it can cause temporary irritation to your eyes.
- ⚠ Keep the HairMax out of the reach of children and pets.
- ⚠ Do not drop your HairMax in water because you may get an electrical shock. If your HairMax gets damaged by water, contact Customer Service toll-free at the numbers provided below.
- ⚠ If the cord is damaged on your HairMax do not use the device because you could get an electrical shock. If the cord gets damaged, contact Customer Service toll-free at the numbers provided below.
- ⚠ Do not use your HairMax near any heated surfaces because this could cause the device not to work properly and may cause an electrical shock. Contact Customer Service toll-free at the numbers provided below.
- ⚠ Laser light - avoid direct eye exposure.
- ⚠ This is a harmless low-level ESD (Electrostatic Discharge) sensitive device. Please do not touch the USB port (see page 9). Touching the contacts or USB port is not of the essential performance and will not cause a basic safety issue. If touching the contacts or USB port causes the device to malfunction, reset your device by powering off and back on.
- ⚠ A risk of fire and/or explosion exists when the LASER OUTPUT is used in the presence of flammable materials, solutions or gases, or in an oxygen enriched environment. The high temperatures produced in NORMAL USE of the laser equipment may ignite some materials, for example cotton wool when saturated with oxygen. The solvents of adhesives and flammable solutions used for cleaning and disinfecting should be allowed to evaporate before the laser equipment is used. Attention should also be drawn to the danger of ignition of endogenous gases.

- ⚠ No modification of this equipment is allowed.
- ⚠ This equipment has no user-serviceable parts. Do not attempt to modify or repair this equipment.
- ⚠ Do not attempt to modify or service while the equipment is in use.
- ⚠ If this equipment is modified, appropriate inspection and testing must be conducted to ensure continued safe use. Contact HairMax customer service toll free at the numbers provided below.

### CAUTIONS

- ⚠ If you are taking any medications or products that make you sensitive to light, you should test your HairMax to make sure you do not have a reaction. Some of the things that can cause increased sensitivity to your HairMax could be medicines for colds, allergies, pain medicine and drugs to treat infections. To test your HairMax for sensitivity, turn the device on, hold the device on one spot, shining the light on your forearm. After two minutes, turn the device off and set aside.  
Look at the spot where you held the laser light over the next five minutes. If you see any reaction such as redness or rash, do not use your HairMax and contact our Customer Service toll-free at the numbers provided below for information on how to return your product and get a refund.
- ⚠ Only use your HairMax as directed. Do not try to change the way your HairMax operates. Altering controls, adjustments, performance or procedures other than those specified herein may result in hazardous radiation (laser) exposure. Contact Customer Service toll-free at the numbers provided below. Never use acetone or other solvents on any part of your
- ⚠ HairMax. Use of solvents on the window can block the laser light from coming through.

United States 1-866-527-3726













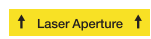

United Kingdom 0808-134-9868

Australia 1-800-937-358

## Risks

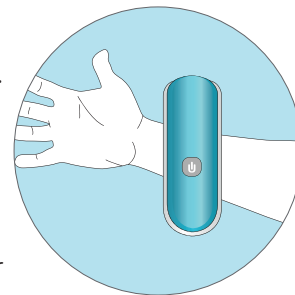
HairMax has been clinically tested on both men and women. In the clinical study for men, 5% of the men said they had itching or tingling from using the HairMax. None of the women in the clinical study reported any of these side effects. If you have itching, tingling or any other side effect that bothers you, stop using your HairMax and contact Customer Service at the numbers provided below.

## Symbols

-  European Conformity
-  WEEE
-  Warning
-  Caution
-  Laser
-  Laser warning
-  Power On/Off
-  Refer to instruction manual
-  RF interference
-  Type BF Applied Part
-  Serial Number
-  Degree of moisture resistance
-  Laser aperture indication
-  Laser warning label

## Testing HairMax for sensitivity

Before beginning treatment, be sure to test your HairMax for sensitivity. You will only need to do this once to test your skin for any reaction to light therapy. Make sure your HairMax is fully charged (see page 10). Turn on your device by pressing the power button once. Place your forearm with your palm facing upward under the arc of your HairMax. Allow your arm to stay in the light for 2 minutes. Turn your HairMax off and set it aside.



If you do not see a reaction, proceed with the treatment instructions on page 11. If you see a reaction, such as redness or rash, do not use your HairMax. Contact HairMax Customer Service at the numbers provided below or your place of purchase.

- United States** 1-866-527-3726
- United Kingdom** 0808-134-9868
- Australia** 1-800-937-358



### How to Monitor Device Activity

Your HairMax is carefully inspected and tested during production. When working properly, the indicator light turns on and the red laser lights will shine from the underside of the device.

**DO NOT** look directly at the laser light. Shine the laser light onto the palm of your hand to see if the red laser light appears.

If the indicator light is not lit, or if the laser light does not appear, contact HairMax Customer Service at the numbers provided below.

**United States** 1-866-527-3726

**United Kingdom** 0808-134-9868

**Australia** 1-800-937-358

### Device Failure Mode

Your HairMax is designed to last for 10-15 years of regular use. The laser light does not fade or diminish over time. At the end of the laser's life or if it fails for any other reason, the red laser light will no longer shine out of the device.

### Expected Life of your HairMax

HairMax is a medical device manufactured under strict quality controls and validated through GMP (Good Manufacturing Practices). HairMax contains high quality laser diodes designed to last at least 15,000 hours.

Based on that rating and the durability of the components being used, the expected life of your HairMax is 10-15 years of regular use. Please take time to read this entire instruction manual before operating your HairMax.

## SUMMARY OF CLINICAL STUDY IN MEN

Clinical studies were conducted at multiple locations in the United States. Participants in the study were males diagnosed with Androgenetic Alopecia, which includes hereditary hair loss, who had light to brown skin tones. Subjects were divided into two groups, HairMax group and a control group. The control device looked and sounded like the HairMax device but did not include a laser light. The Clinical studies adhered to all GCP (Good Clinical Practice) guidelines, were approved by an IRB (Institutional Review Board) and listed on [www.clinicaltrials.gov](http://www.clinicaltrials.gov).

During the 6-month clinical study, subjects treated their hair once per day, 3 times per week on non-consecutive days. The number of thick, normal healthy hairs in the target zone were counted at week 1, week 16 and week 26.

Results at the 26 week visit showed that over 90% of the men saw an increase in hair counts.\*

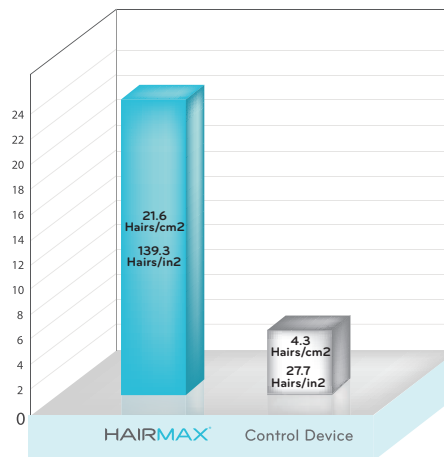
No subjects in the study experienced any serious adverse events. In fact, the number and types of adverse events were similar in the HairMax and control groups.

### Hair Count Change

In the clinical study, after 26 weeks of treatment with the HairMax devices versus the control device, the following increases in hair count were found.



Mean Terminal Hair Count Changes  
From Baseline in MALES  
26 Weeks, Observed Hair Count



\*Based on a minimum of 5 new hairs per square centimeter/32 new hairs per square inch being observed at the follow up visit

## SUMMARY OF CLINICAL STUDY IN WOMEN

A clinical study was conducted at multiple locations in the United States. All participants in the study were females, diagnosed with Androgenetic Alopecia, which includes hereditary hair loss, who had light to medium skin tones. Subjects were divided into two groups. One group used the HairMax and the other group used a control device. The control device looked and sounded like the HairMax, but did not include a laser light. The Clinical studies adhered to all GCP (Good Clinical Practice) guidelines, were approved by an IRB (Institutional Review Board) and listed on [www.clinicaltrials.gov](http://www.clinicaltrials.gov).

During the 6 month study, subjects treated their hair once per day, 3 times per week, on non-consecutive days. The number of thick, normal, healthy hairs in the target area were counted at Week 1, Week 16 and Week 26.

Results at 26 weeks showed that over 90% of the women saw increases in hair counts.\*

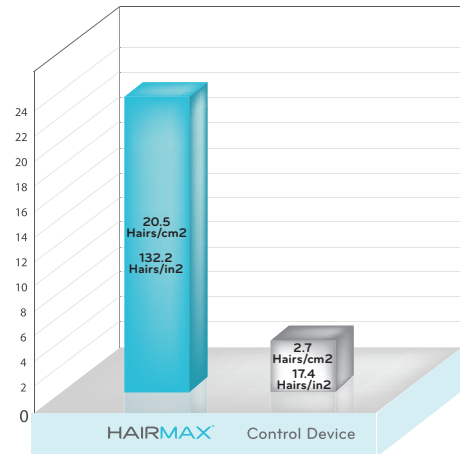
No subjects in the study experienced any serious adverse events. In fact, the number and types of adverse events were similar in the HairMax and control groups.

### Hair Count Change

In the clinical study, after 26 weeks of treatment with the HairMax and a control device, the following increases in hair count were found.



Mean Terminal Hair Count Changes  
From Baseline in **FEMALES**  
26 Weeks, Observed Hair Count



\*Based on a minimum of 5 new hairs per square centimeter/32 new hairs per square inch being observed at the follow up visit

## PARTS

- A POWER BUTTON (RIGHT SIDE)
- B INDICATOR LIGHT (LEFT SIDE)
- C POWER CORD
- D TEETH
- E LASER AREA
- F SAFETY LABEL (LEFT SIDE)
- G SERIAL NUMBER (ON YELLOW STICKER - RIGHT SIDE)
- H USB CHARGING PORT
- I CHARGING STAND



Your HairMax comes with a rechargeable battery permanently installed. Read this manual completely before you start to use your HairMax. The instructions in this user manual are intended for individuals with a minimum of an eighth-grade education. HairMax is safe for home use. The patient is the intended operator of this equipment.



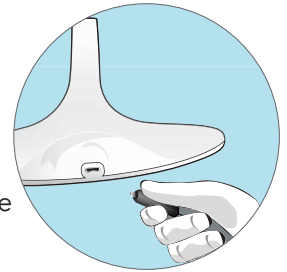
Use your HairMax for as little as 3 minutes per treatment, three treatments per week. The treatments should be spaced every other day (for example, Monday, Wednesday, Friday). Most users see benefits in as little as 16 weeks (based on clinical studies).

When you receive your HairMax, take all the parts out of the case. You must charge your HairMax for 3-4 hours before initial use.

**Do not use your HairMax while it is plugged into the power cord.**

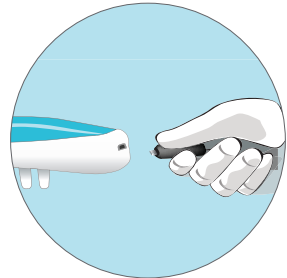
### Charging Options

**OPTION 1** Charge your HairMax using the charging stand and power cord. Prior to placing your HairMax on the charging stand, make sure your HairMax is turned off. Plug the power cord into the charging stand and the other end into an electrical wall outlet. Place your HairMax on the charging stand and wait for the indicator light to start flashing. If the indicator light does not flash within 5 seconds, reposition your device on the charging stand.



**OPTION 2** Charge your HairMax by placing the power cord directly into the charging socket on the bottom left side of your device and the other end into an electrical wall outlet.

The indicator light will flash during the charging process. A steady light indicates your HairMax is fully charged.

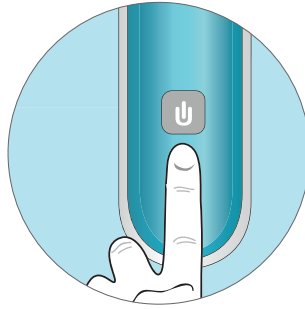


**DURING USE** The indicator light will flash slowly, indicating a properly charged battery. When the battery is getting low and needs to be recharged, the indicator light will start to flash rapidly. When the battery loses its charge completely, the device will vibrate with 3 quick pulses and the lasers will turn off. When this happens, charge your HairMax as described above.

### Proper Use

Prior to treatment, test your HairMax for sensitivity (see page 5 of the User Manual). Your HairMax should be used for as little as 3 minutes, three times per week. The treatments should be spaced out every other day (for example, Monday, Wednesday, Friday).

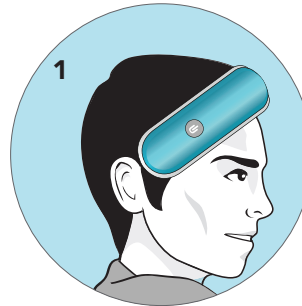
To start your treatment, turn your HairMax on by pressing the power button.



### Treatment Instructions

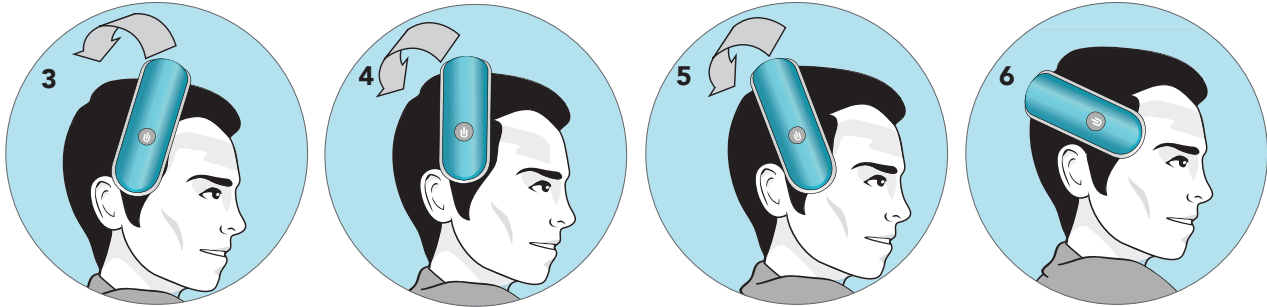
Your HairMax will be used in 6 positions on your scalp. Leave it in place for a minimum of 30 seconds for each position. It will vibrate every 30 seconds to let you know when to move it to the next position.

To start your treatment press and hold the power button until the red lasers turn on. Next, place it on your frontal hair line. This is position 1. When you feel the vibration, slide it backwards about 2 inches (5 cm) to position 2. Leave it in position 2 until you feel the vibration again.



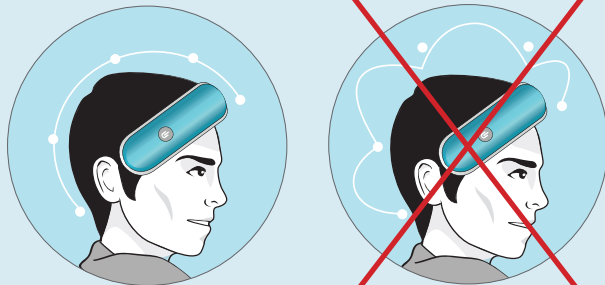
## TREATMENT INSTRUCTIONS

Repeat this process for all six positions on your scalp. The entire treatment should be a minimum of 3 minutes.



After treatment, turn off your HairMax by pressing and holding the power button until the lasers turn off. Remove your HairMax from your head and place it on the charging stand for future use.

Your HairMax turns off automatically after 12 minutes.



glide

lift-and-place

### Please Note:

- It is important to glide your HairMax instead of lifting it off your scalp and placing it back. Remember, you are bathing the scalp with laser light. If you move your HairMax too fast, the treatment will not achieve the optimal results to promote hair growth.
- Time required for treatment with your HairMax is as little as 3 minutes.

## WHAT IS INCLUDED

### What is included



LaserBand



Charging Stand



Power Cord



User Manual



Quick Start Guide

Notice: Entire LaserBand assembly is considered as a Type BF applied part.



HairMax has advanced electronics to ensure that the device is working like it is supposed to and that the proper amount of laser energy is being delivered. If for some reason you are experiencing difficulties with your device, please try one of the tips below:

### Your HairMax will not turn on

- Typically indicates your HairMax needs to be charged
- Make sure your device is fully charged by using one of the charging options described on page 10
- Press and hold the power button for 10 seconds. Make sure you are not pressing the indicator light by mistake (see page 9)
- Your HairMax cannot be powered on when the power cord is plugged in

### Your HairMax is turning off during use

- Typically indicates your HairMax needs to be charged
- Make sure your device is fully charged by using one of the charging options described on page 10
- Press and hold the power button for 10 seconds. Make sure you are not pressing the indicator light by mistake (see page 9)
- Your HairMax cannot be powered on when the power cord is plugged in

### Your HairMax will not charge

- Make sure you are using a working electrical wall outlet
- Make sure the power cord is completely inserted into the charging stand
- Try charging directly into the device as described by OPTION 2 on Page 10
- Using a dry cloth, clean the three charging contacts on

the device and charging stand

### Your HairMax does not vibrate

- Make sure your device is fully charged by using one of the charging options described on page 10
- While the device is turned on, reset your device by pressing and holding the power button for 10 seconds.  
**Note:** As you press and hold the power button the device will turn off, but keep pressing and holding the power button for the full 10 seconds to ensure a device reset

### Your HairMax vibrates but you do not see the laser lights

- Typically indicates your HairMax needs to be charged
- Make sure your device is fully charged by using one of the charging options described on page 10
- Press and hold the power button for 10 seconds. Make sure you are not pressing the indicator light by mistake (see page 9)
- Your HairMax cannot be powered on when the power cord is plugged in

### Customer Service – Warranty Repairs

Lexington Intl., LLC  
1040 Holland Drive, Suite 1  
Boca Raton, Florida 33487 USA

**Direct line** +1 561-417-0200

**Toll Free** 1-866-527-3726

Monday - Friday 9 AM - 5 PM EST

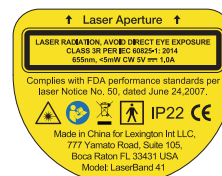
**United States** 1-866-527-3726

**United Kingdom** 0808-134-9868

**Australia** 1-800-937-358

## SAFETY LABEL | LASER PARAMETERS | USE CONDITIONS | POWER SUPPLY SPECIFICATIONS

SAFETY LABEL   LASER PARAMETERS   USE CONDITIONS	
Wavelength:	655nm +/- 10nm visible red light
Laser Power for classification	<5mW CW
Divergence	57 mrad
Number of lasers	41
This Laser Product is designated as Class 3R during all procedures of operation.	
Note:	HairMax laser devices have no user-serviceable parts.
Safety label location	On the inner right side
MTBF: mean time between failures	10,000 hours at 25°C ambient temperature
Operating temperature/altitude/atmospheric pressure/humidity:	5°C to 35°C / 0 to 2,000 m / 80kPa to 106kPa / 0% to 90%, relative humidity
Storage & transportation temperature/humidity/atmospheric pressure:	-20°C to 60° C / 0% to 90%, relative humidity/ 50kPa to 106kPa
Ingress of water or particulate matter:	IP22
Battery charging cycles	300 cycles
ROHS: restriction of hazardous substances	2011/65/EU
Device size and weight:	20 x 5 x 13 cm / 156 grams



Safety label (left side)



Serial number - on yellow sticker, starting with LB41 (right side)

## Power Supply Specifications

Fuhua UE05WCP-050100SPC or similar. Output = 5V DC-1.0A. Plug: USB to USB micro B connector. The power supply for your HairMax can be used in the United States and internationally. This power supply will adapt to all power supplies from 100 volt/60 cycle (US) to 240 volt/50 cycle. If outlets in your country have different plugs than the power supply that comes with your HairMax, use a plug adapter (not supplied with the device).

### Maintenance

HairMax is designed to last for 10-15 years. It does not require any maintenance other than periodic cleaning. Your HairMax is intended for indoor use only.

### Cleaning your HairMax

- Turn off your HairMax by pressing and holding the power button until the red laser lights turn off.
- Unplug the power cord from the device and from the electrical wall outlet.
- Clean the laser area with a soft, slightly damp cloth.
- To clean the teeth, gently remove any hair or dust with a slightly moistened towel. Avoid any solvents or harsh cleansers on any part of your HairMax.

### Disposal Instructions



This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office or your household waste disposal service.

### Electrical Safety

⚠ Basic safety precautions should be observed when using this, or any other electrical device, especially when children are present.

**WARNING:** Keep away from water. Contact with water may result in an electrical shock.

#### To reduce the risk of hazard by electric shock:

- ⚠ Do not use while bathing.
- ⚠ Do not place or store your HairMax where it can fall or be pulled into a tub or sink.
- ⚠ Do not expose your HairMax to running water, or drop into water or any other liquid. If your HairMax falls into water, unplug it immediately from the power outlet.
- ⚠ If using your HairMax near water, the use of an electrical outlet protected by a Ground Fault Circuit Interrupter is recommended.
- ⚠ Do not dispose of your HairMax in a fire or store in high temperatures greater than 140°F (60°C).
- ⚠ Do not turn on or use your HairMax while it is charging.
- ⚠ Power supply cannot be separated during use. Do not position the equipment in a manner that will make it difficult to plug in or remove the power cord.
- ⚠ If you have any problems with this device, such as setting up, maintaining or using, please contact Customer Service.
- ⚠ Please report to Customer Service if any unexpected operation or events occur.
- ⚠ After drop/shock, that may cause changes in the performance, please contact Customer Service.
- ⚠ Be careful, do not put the power cord around your neck, it may cause strangulation.
- ⚠ Keep the device out of the reach of children/pets to avoid inhalation or swallowing of small parts.
- ⚠ Do not use the device if it is damaged in any way. The continuous use of a damaged unit may cause injury, improper results, or serious danger.
- ⚠ The device should be used only with the accessories recommended for use by the manufacturer.
- ⚠ When not in use, store the device with the adapter in a dry room and protect it against extreme moisture, heat, lint, dust and direct sunlight. Never place any heavy objects on the storage case.

## ELECTROMAGNETIC IMMUNITY GUIDANCE

- 1) This product needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided, and this unit can be affected by portable and mobile RF communications equipment.
- 2) \* Do not use a mobile phone or other devices that emit electromagnetic fields, near the unit. This may result in incorrect operation of the unit.
- 3) Caution: This unit has been thoroughly tested and inspected to assure proper performance and operation.
- 4) \* Caution: this machine should not be used adjacent to or stacked with other equipment and that if adjacent or stacked use is necessary, this machine should be observed to verify normal operation in the configuration in which it will be used.

### Guidance and manufacturer's declaration – electromagnetic emission

The LB-41 is intended for use in the electromagnetic environment specified below. The customer or the user of the LB-41 should assure that it is used in such an environment.

Emission test	Compliance	Electromagnetic environment-guidance
RF emissions CISPR 11	Group 1	The LB-41 uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emission CISPR 11	Class B	The LB-41 is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Compliance	

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) the device must accept any interference received, including interference that may cause undesired operation.

## ELECTROMAGNETIC IMMUNITY GUIDANCE

### Guidance and manufacture's declaration – electromagnetic immunity


The LB-41 is intended for use in the electromagnetic environment specified below. The customer or the user of LB-41 should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment-guidance
Electrostatic discharge (ESD) IEC 61000-4-2	± 6 kV contact ± 8 kV air	± 6 kV contact ± 8 kV air	Floors should be wood, concrete or ceramic tile. If floor are covered with synthetic material, the relative humidity should be at least 30%.
Electrical fast transient/burst IEC 61000-4-4	± 2kV for power supply lines ± 1kV for input/output lines	± 2kV for power supply lines	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	± 1kV line(s) to line(s) ± 2kV line(s) to earth	± 1kV differential mode	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	<5% UT (>95% dip in UT) for 0.5 cycle 40% UT (60% dip in UT) for 5 cycles 70% UT (30% dip in UT) for 25 cycles <5% UT (>95% dip in UT) for 5 sec	<5% UT (>95% dip in UT) for 0.5 cycle 40% UT (60% dip in UT) for 5 cycles 70% UT (30% dip in UT) for 25 cycles <5% UT (>95% dip in UT) for 5 sec	Mains power quality should be that of a typical commercial or hospital environment. If the user of the LB-41 requires continued operation during power mains interruptions, it is recommended that the LB-41 be powered from an uninterruptible power supply or a battery.
Power frequency (50Hz/60Hz) magnetic field IEC 61000-4-8	3 A/m	3 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.

NOTE UT is the a.c. mains voltage prior to application of the test level.

## Guidance and manufacturer's declaration-electromagnetic immunity

The LB-41 is intended for use in the electromagnetic environment specified below. The customer or the user of the LB-41 should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment-guidance
Conducted RF IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz	3 Vrms	Portable and mobile RF communications equipment should be used no closer to any part of the LaserBand 41 including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. <b>Recommended separation distance:</b> $d = 1,2 \sqrt{P}$
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2.5 GHz	3 V/m	$d = 1,2 \sqrt{P}$ 80 MHz to 800 MHz $d = 2,3 \sqrt{P}$ 800 MHz to 2,5 GHz Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, <sup>a</sup> should be less than the compliance level in each frequency range. <sup>b</sup> Interference may occur in the vicinity of equipment marked with the following symbol: 

NOTE1 At 80 MHz and 800 MHz, the higher frequency range applies.

NOTE2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

- a Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the LB-41 is used exceeds the applicable RF compliance level above, the LB-41 should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the LB-41.
- b Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

## ELECTROMAGNETIC DISTANCE RECOMMENDATIONS

### Recommended separation distances between portable and mobile RF communications equipment and the LB-41.

The LB-41 is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the LB-41 can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the LB-41 as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter (W)	Separation distance according to frequency of transmitter (m)		
	150 kHz to 80 MHz $d = 1,2\sqrt{P}$	80 MHz to 800 MHz $d = 1,2\sqrt{P}$	800 MHz to 2.5 GHz $d = 2,3\sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance  $d$  in metres (m) can be estimated using the equation applicable to the frequency of the transmitter, where  $P$  is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

NOTE1 At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

NOTE2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.



## WARRANTY CARD



The HairMax has a 2 year factory warranty against defects in materials or workmanship from Lexington International, LLC. Items that are damaged or abused are not covered under the warranty and will be charged at their regular repair rates. **ANY ATTEMPT TO SELF-SERVICE YOUR DEVICE, UNLESS INSTRUCTED BY HAIRMAX CUSTOMER SERVICE, WILL VOID YOUR WARRANTY.** Please refer to the User Manual for complete warranty terms. We guarantee your satisfaction.

To validate your warranty card, register online at [www.hairmax.com/warranty](http://www.hairmax.com/warranty)  
or complete and mail this warranty card

Name:  Serial Number:

located on yellow sticker  
starting with LB41

Date of Purchase:

Address:

City:  State:  Zip/Postal Code:

Country:  Email:

Where did you purchase this product (Reseller Name)?

What factors influenced your purchase of this product?

\*Please fill out this form, detach it, place it in an envelope, or fold and secure with staple or tape, apply postage, and mail directly back to us.

Staple or  
tape here

Return address:

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Place  
stamp  
here

Lexington International, LLC  
1040 Holland Drive, Suite 1  
Boca Raton, FL 33487



## WARRANTY

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### **ANY ATTEMPT TO SELF-SERVICE YOUR DEVICE, UNLESS INSTRUCTED BY HAIRMAX CUSTOMER SERVICE, WILL VOID YOUR WARRANTY.**

THE HAIRMAX IS WARRANTED BY LEXINGTON INTERNATIONAL LLC ("MANUFACTURER") AGAINST DEFECTS IN MATERIALS OR WORKMANSHIP FOR 24 MONTHS FROM DATE OF PURCHASE. IF THIS PRODUCT IS DETERMINED TO BE DEFECTIVE, LEXINGTON WILL REPAIR OR REPLACE IT, AT ITS OPTION, AT NO CHARGE DURING THE WARRANTY PERIOD.

AFTER THE WARRANTY PERIOD, THE USER MUST PAY FOR ALL PARTS AND LABOR CHARGES. IF THE PRODUCT IS REPAIRED OR REPLACED, EITHER WITHIN OR OUTSIDE THE WARRANTY PERIOD, LEXINGTON RESERVES THE RIGHT TO PROVIDE EQUIVALENT PARTS IN DIFFERENT COLORS TO YOUR ORIGINAL PRODUCT.

THIS WARRANTY DOES NOT COVER DAMAGES CAUSED BY ACTS OF GOD, MISUSE, NEGLIGENCE, ACCIDENT, MODIFICATION OF, OR TO ANY PART OF THE PRODUCT. THIS WARRANTY DOES NOT COVER DAMAGE DUE TO IMPROPER OPERATION OR MAINTENANCE, CONNECTION TO IMPROPER VOLTAGE SUPPLY, OR ATTEMPTED REPAIR BY ANYONE OTHER THAN LEXINGTON. THIS WARRANTY IS VOID IF PRODUCT IS TAMPERED WITH.

TO OBTAIN WARRANTY SERVICE, YOU MUST CALL HAIRMAX CUSTOMER SERVICE TO REQUEST AN AUTHORIZATION NUMBER. YOU MUST DELIVER THE PRODUCT FREIGHT PREPAID, IN EITHER ITS ORIGINAL PACKAGING OR PACKAGING AFFORDING AN EQUAL DEGREE OF PROTECTION, TOGETHER WITH YOUR NAME AND ADDRESS, TO:

### **Lexington International LLC, 1040 Holland Drive, Suite 1, Boca Raton, Florida 33487 USA**

LIMITATION OF LIABILITY; INDEMNITY: EXCEPT AS EXPRESSLY SET FORTH ABOVE, LEXINGTON INTERNATIONAL LLC SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES THAT ARE DIRECTLY OR INDIRECTLY RELATED TO THE USE OF, OR THE INABILITY TO USE, THE HAIRMAX, EVEN IF LEXINGTON INTERNATIONAL LLC HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTUOUS ACTION. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

GOVERNING LAW: THE USAGE OF THE HAIRMAX AND THE INTERPRETATION OF ITS TERMS SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF FLORIDA APPLICABLE TO AGREEMENTS NEGOTIATED, EXECUTED AND PERFORMED WHOLLY AND SOLELY WITHIN THE STATE OF FLORIDA. THE PARTIES AGREE THAT THE STATE OF FLORIDA'S CONFLICTS OF LAWS RULES SHALL NOT APPLY TO THIS AGREEMENT OR ANY TRANSACTION PERFORMED BY OR UNDER THIS AGREEMENT.

JURISDICTION AND VENUE: THE PARTIES IRREVOCABLY SUBMIT AND CONSENT TO THE SOLE AND EXCLUSIVE JURISDICTION AND VENUE OF THE FLORIDA STATE COURTS IN AND FOR PALM BEACH COUNTY, FLORIDA, U.S.A. AND THE FEDERAL COURTS IN AND FOR THE SOUTHERN DISTRICT OF FLORIDA, U.S.A. THE PARTIES AGREE NOT TO RAISE THE DEFENSE OF FORUM NON CONVENIENS.

AUTHORIZED REPRESENTATIVE IN EUROPE (REGULATORY AFFAIRS ONLY): EMERGO EUROPE, MOLENSTRAAT 15, 2513 BH THE HAGUE, THE NETHERLANDS. TEL: (31) (0) 70 345-8570 FAX: (31) (0) 70-345-7299

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**HAIRMAX**<sup>®</sup>  
The science of hair growth.™