

VORSPRUNG

LUMINOUS IPL HAIR REMOVAL

Instruction Manual



Model: BR2020 / SKU: 20099

CONTENTS

PAGE 2 - 5. RECOMMENDS

Safety Precautions
Warnings
Pre-cautions
EMC Statements

PAGE 6 - 7. KNOW MORE ABOUT IPL HAIR REMOVAL TECHNOLOGY

How Does IPL Work
What to Expect
Applicable Conditions
Body Areas
Skin Tones
Hair Colour
Skin Tone & Body Hair Type Chart

PAGE 8 - 14. KNOW YOUR IPL HAIR REMOVAL DEVICE

Device Overview
Device Technical Specifications
Operating your IPL Hair Device
Removal Device
Treatment Modes
Error Code Checklist

PAGE 15 - 17. TREATMENT SCHEDULE FOR YOUR IPL HAIR REMOVAL DEVICE

Select an appropriate Energy Level
Use High-Energy Levels with Caution
Treatment Schedule
Aftercare
Possible Side Effects

PAGE 18. TROUBLESHOOTING

PAGE 19. GUARANTEE INFORMATION

RECOMMENDS SAFETY FIRST

We at VORSPRUNG are very safety conscious. We strives to stay ahead of customer needs by providing high-quality products and services based on its corporate policies of **High level of responsibility** and **Absolute Credibility**. In addition, we ask that you exercise a degree of care when using the device and adhere to the following precautions. It is to ensure the operation of the device is correct and safe. To prevent users or other people from personal injuries or property damage, please make sure to follow them.

SAFETY PRECAUTIONS

- Minors and children under 18 are prohibited from using this device, as this device has not been tested on these individuals.
- Not to be used by pregnant or breastfeeding women, or during menstrual period.
- Do not use device on skin with scars and light-sensitive skin.
- Do not use device if you have varicose veins and vasodilation.
- Do not use if the irradiated skin is infected, simple cell rash, skin lesions, hematoma, etc.
- Do not use the device on the upper part of the face. (Above the cheekbones), anus, nipple, or mammary areola. Also note that for men, do not use the device on the scrotum; for women, do not use the device on the labia or vagina.
- Do not use on burned skin, folliculitis, malignant tumors, infectious skin diseases, etc.
- Light damage (sunburned), please wait for the skin to heal before use.
- Do not use on sensitive parts such as mucous membranes.
- Those who use chemical methods for hair removal within 30 days, have used skin whitening products in a short period of time, or have used cosmetics containing vitamin A ingredients. Please use device with caution.
- Those who have used isotretinoin within the last 6 months should not use the device, as this could lead to scarring.
- It cannot be used in the same period as essential oil products. Please make sure that the illuminated area is clean, dry and free of creams, lubricants and other cosmetics. If the surface of the skin is not smooth, it may affect the experience of using the device and may even damage the device.
- It is strictly forbidden to use this device for any type of wound that has not healed. It is not recommended for patients with hirsutism and other diseases induced hirsutism.

RECOMMENDS SAFETY FIRST

- If your skin tone or hair colour is not suitable, it is prohibited to use this device (please refer to the skin colour card). (If necessary, please consult your doctor before use).



WARNINGS

- Hair removal by the IPL hair removal device or intense pulsed light sources can increase hair growth in some individuals. Based upon currently available data, the highest risk groups for this response are females of Mediterranean, Middle Eastern, and South Asian heritage treated on the face and neck. This group should be careful.
- Please keep the device beyond children's reach. Please do not use this device near a bathtub, shower basin, washbasin or other fixtures containing water. Please keep the device and the power adapter dry.
- If the device is damaged, please do not use and touch any internal parts to avoid electric shock.
- Do not insert any objects into the device, and store device safely.
- When you need back hair removal operation, you may need an assistant or partner. This is our recommendation, because we are concerned that you may be at risk using it alone.
- If your hair is longer than 1mm, please shave first. We recommend that you use a razor. Excessively long hair absorbs heat on the surface of the skin, which will cause skin redness and swelling, and scorched hair will produce odor. This will affect your experience with the device.
- If the skin of the irradiated area is not dry or clean, it will affect the use of effectiveness and may also cause the device to not flash or flash unexpectedly.
- If the power cord is damaged, in order to avoid danger, stop using device.
- **Eye Safety:** You must wear the safety glasses provided.

The device emits flashes of Intense Pulsed Light. Though the device has been tested and passed the international standards to ensure that its output are safe for your eyes, direct exposure is still potentially harmful to your eyes. The device can only be flashed (light emitted) if both skin sensors (inside the light-emitting window) detect a valid skin reading.

RECOMMENDS SAFETY FIRST

- DO NOT** look directly into the light-emitting window of the device when the device has electrical power and is switched on.
- DO NOT** attempt to flash (emit light) the device towards the eye.
- DO NOT** treat areas around the eye (eyebrows or eyelashes).
- DO NOT** use this device around the eyes. Protective glasses can indeed protect the user's normal operations but, if you operate around the eyes, the protective glasses may not completely block the energy from being absorbed by the iris melanin in your eyes at close range.
- ONLY** attempt to flash the system when the light-emitting window of the device is in good contact with the area you wish to treat.
- WE RECOMMEND** you look away from the device when flashing onto your skin. Or We recommend that you wear protective glasses every time you use them. Although the light will not directly affect the glasses, the high-frequency flashing light may affect your eyesight.
- The maximum temperature of the treatment head is 110°F / 43°C, which will not burn the skin when it reaches a certain temperature



PRE-CAUTIONS

- Some customers will experience slight redness after use, which is normal. It will disappear within 24 hours normally. If it doesn't disappear within 24 hours, please stop using the device and consult your doctor.
- Do not use antiperspirant immediately after irradiating the armpit.
- Please confirm and clean the dirt of the irradiation port regularly to avoid burns and malfunctions during use.
- Do not use when the vent is blocked, as not to cause smoke and fire.
- Do not use on pets to avoid injury.
- Do not use this device around the eyes, as not to cause eye damage.
- After use, please wipe clean the hair and skin care products attached to the device to avoid any malfunction and skin damage.
- Do not use it near children, the device will emit strong light, which may hurt the eyes.

RECOMMENDS SAFETY FIRST

- After use, if the skin is slightly hot and red, this is normal, the ice compress function can be turned on to relieve skin discomfort.
- Do not point the irradiation port towards a black object, as not to cause scorching, discoloration or damage.
- After the device is turned on, it cannot be left unattended. Please turn it off immediately after use.
- Clean the skin, make sure that there are no hair residues, completely dry and no oily substances on the skin surface.
- If the environmental temperature difference is more than 70°F / 21°C, please turn off the device and let it stand for about 2 hours to use again.
- The ambient temperature of this IPL hair removal machine is 40~95°F / 4~35°C, please confirm the room temperature before use.
- Within 24 hours of irradiation, please avoid direct ultraviolet rays on the irradiated part.
- If the skin on the irradiated area is not dry or clean, it will affect the use of pulsed light, and may also cause the device to not flash or will flash unexpectedly.
- Please do not touch the light exit port after use, because the light exit port generates high temperature, it can easily cause burns.
- Do not place the device in the sun or expose it to ultraviolet light for a long time, which will seriously damage the device.
- If the built-in fan does not work after turning on the power (no buzzing sound can be heard), please do not use it, so as not to cause smoke, fire and other malfunctions.

EMC STATEMENTS

- IPL hair removal device (model BR2020) conforms to EMC requirements.
- User shall install and use in accordance with EMC information described in the attached manual.
- The portable and mobile RF communication equipment may affect the performance of the device, so please avoid strong electromagnetic interference when using, such as, do not use it near phone, microwave and so on.
- Manual and manufacturer's statement details are in the end of the article
- (Annex I).

KNOW MORE ABOUT IPL HAIR REMOVAL TECH

HOW DOES VORSPRUNG LUMINOUS IPL WORK

The VORSPRUNG Luminous IPL Hair Removal Device offers hair removal via the Intense Pulsed Light technology, also known as IPL. Essentially, the device utilises high-energy light to achieve long-term hair reduction. The absorbed light energy is converted to heat energy (below the surface of the skin), which disables the hair follicle. This puts the hair into a resting phase.

WHAT TO EXPECT

Immediately post treatment: You should not see any significant side effects from treatment.

In the first few weeks following the initial treatments: You will still see some hairs growing. These are likely to be hairs that were missed during treatment i.e. they were lying dormant and not in their growth phase (Anagen) during treatment, when IPL is most effective.

Around 2 weeks into the 4 week treatment program: You should see a reduction in hair growth. However, many hairs may still not have been treated in their growth phase. It is important to continue the weekly treatments.

After the 5 - 6 week program: You should see a significant reduction in hairs within the treated area. Any remaining hairs should be finer and lighter in color. Continued monthly treatments, or treatments as required, should maintain the reduction in unwanted hair

APPLICABLE CONDITIONS

Intended use: IPL hair removal device is an over-the-counter device intended for removal of unwanted hair such as, but not limited to, small areas such as underarm and facial hair below the chin line and large areas such as legs.

Suitable for persons aged 18+ only.

BODY AREAS

Women: Legs, arms, underarms, bikini area and face (below the cheek bones)

CAUTION: Do not use the device near the eyes, along the forehead, on the lips or nostrils. Do not use it in the genital area.

Men: Shoulders and below (chest, back, arms, stomach, legs)

CAUTION: Do not use on the face, neck or genital area. The device is intended to be used on body hair below the neck, including arms, underarms, bikini line, stomach and legs. (Use on male beards or facial hair may lead to uneven results).

KNOW MORE ABOUT IPL HAIR REMOVAL TECH

SKIN COLOUR








The device is intended for use on light, medium and dark skin tones up to and including skin tone (see Skin tone chart).

HAIR COLOUR

The device is intended for use on naturally black or brown hair. It may not be as effective on white, grey, blonde or red hair.

We recommend choosing on the basis of Fitzpatrick Phototyping Scale which was developed by Harvard Medical School dermatologist, Thomas Fitzpatrick, M.D., PhD to class a person's complexion and their tolerance of sunlight, and there are six levels of skin tones in the scale. The device is suitable for the skin tone in Type I to Type IV. Please identify your skin colour and check the following table to see whether the device is applicable.

SKIN TONE & BODY HAIR TYPE CHART

<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: small;">Hair color</div> <div style="margin-left: 10px;"> <div style="display: flex; align-items: center;"> <div style="font-size: x-small; margin-right: 5px;">Skin color</div> <div style="width: 100%; height: 10px; background: linear-gradient(to right, #fff, #f9e79f, #e6c9a0, #c9946d, #946d4d, #6d4d33, #333333);"></div> </div> </div> </div>	White	Beige	Light Brown	Brown	Dark Brown	Black and Darker
 White/Grey	⊘	⊘	⊘	⊘	⊘	⊘
 Red	⊘	⊘	⊘	⊘	⊘	⊘
 Light Blonde	⊘	⊘	⊘	⊘	⊘	⊘
 Dark Blonde Light Brown	✓	✓	✓	✓	⊘	⊘
 Brown	✓	✓	✓	✓	⊘	⊘
 Dark Brown	✓	✓	✓	✓	⊘	⊘
 Black	✓	✓	✓	✓	⊘	⊘

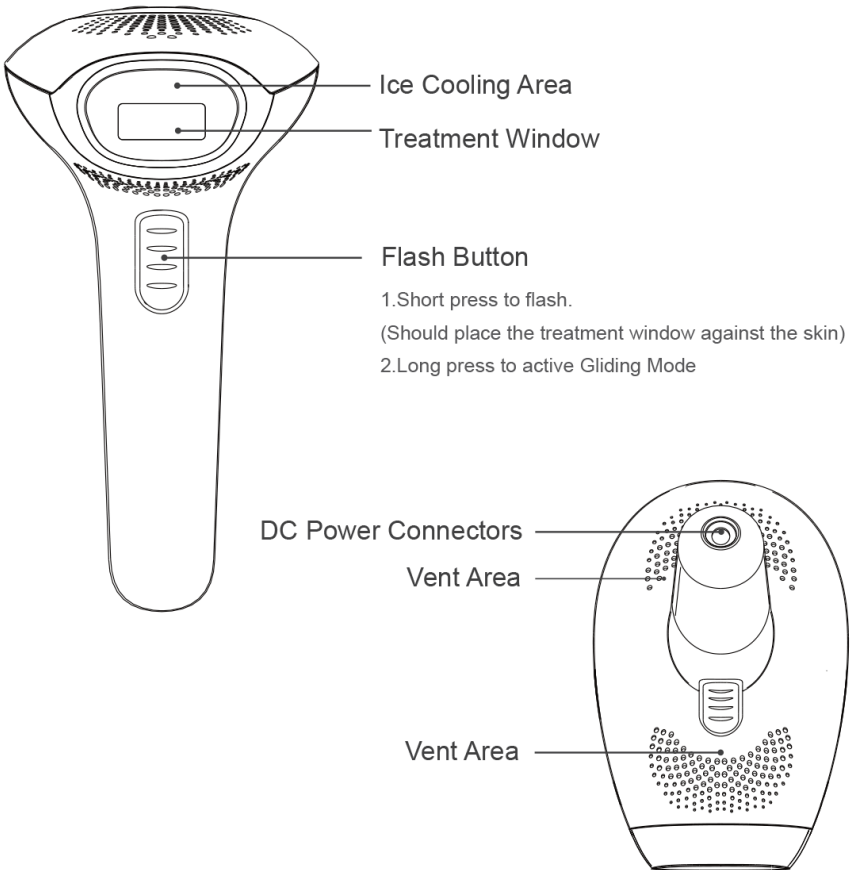
(✓ means applicable, ⊘ means not applicable)

KNOW YOUR IPL HAIR REMOVAL DEVICE

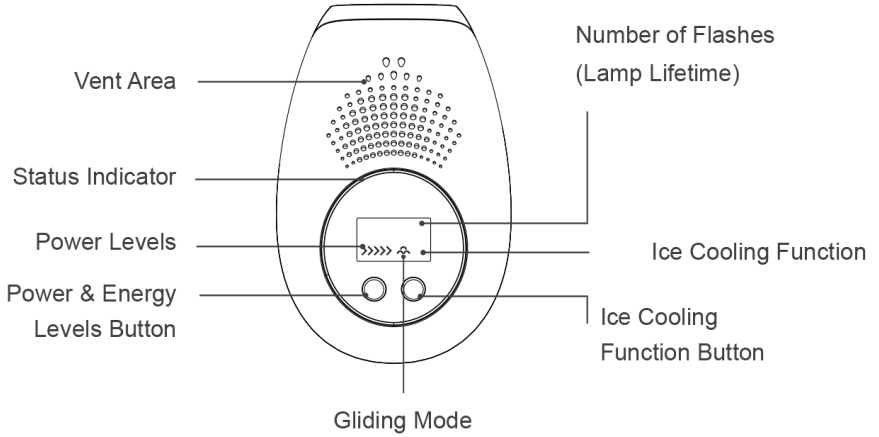
If you are not sure of your skin tone and hair type, please refer to the Skin Tone & Body Hair Type Chart prior to usage.

Note: Different skin sensitivity and exposure settings may lead to different user experience. Start from Power Level 1 and work your way up as needed.

DEVICE OVERVIEW



KNOW YOUR IPL HAIR REMOVAL DEVICE



1 x 3x2cm Fixed Head Attachments



2 x 2x2cm Attachments



1 x 2x1cm Attachment



Protective Glasses



Razor



Power Cable



Storage bag



KNOW YOUR IPL HAIR REMOVAL DEVICE

PRODUCT TECHNICAL SPECIFICATIONS

Model	BR2020
SKU Code	20099
Type of Protection	BF Type, Class II
Level of Protection	IP22
Dimension	142x92x189.7mm
Maximum Shot Counter	999,999 times
Power	36W (12V 4A)
Input Voltage	100-240V
Rated Frequency	50/60Hz
Light Wavelength	510~1200nm
Spot Size (Window Size of the Light)	3.0 cm ²
Treatment Intensity Level	Level 1 to 5
Energy	9-18J

OPERATING YOUR VORSPRUNG LUMINOUS IPL HAIR REMOVAL

WARNING: Follow each step in the treatment process ensuring you complete all aspects of each step before progressing to the next.

Step 1: Preparing the Treatment Area

Remove all visible hair on the skin before using the device. Clean the skin thoroughly to ensure that the skin is completely dry and is free of residual hairs and oily substances (perfume, lotion, liquid deodorant, sun cream, etc). This allows the light to be absorbed by the hair parts below the skin surface to ensure effective treatment. Do not use hair removal creams, as chemicals may cause skin reactions.

Step 2: Doing a Skin Sensitivity Test

Before your first treatment on each new body area, we recommend you identify whether your skin tone is suitable and test your skin (in that area) for reactions. Please select a small part to perform skin sensitivity test according to following requirements:

- 1) Choose an area close to the area you intend to treat.
- 2) Switch on the device. Make sure you select level 1 or 2.
- 3) Put the device against your skin and press the flash button to release a flash.
- 4) Slide the device over the skin to the next area to be treated.

OPERATING YOUR IPL HAIR REMOVAL DEVICE

5) Increase the setting by one level, apply a flash and slide the device to the next area. Repeat this for all levels within the recommended range for your skin type.

6) After the skin test, wait 24 hours and check your skin for any reaction. If your skin shows reactions, choose the highest setting that did not result in any skin reaction for subsequent use.

The skin test should be performed in all the areas you want to treat.

HOW TO USE

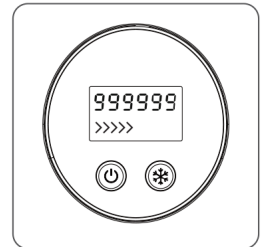
1. Attach the power cord to IPL device, then display screen of the device will be lit up.



2. Long press the Power button to turn on the device. You will be able to hear the cooling fan inside turn on. The status indicator will flash 5~6 times.

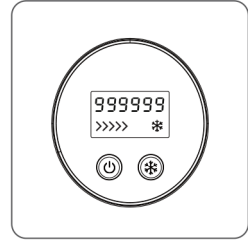


3. Choose the power level to use (you have five levels, and you cycle through them using Power & Energy Levels Button). The level will be indicated on the screen. (Start at the lowest setting and do the Skin Sensitivity Test)



OPERATING YOUR IPL HAIR REMOVAL DEVICE

4. Press the Ice Cooling Function Button to active the ice cooling effect.
(Ice Technology, which actively cools the metal region that comes in contact with your skin).



5. Place the front end of the device against the skin you are trying to treat and push the flash button.

Note:
If you have a low pain tolerance, we suggest apply Numb Master Cream 30-45 min prior and right before zapping, numb with ice (then dry) to reduce the pinching feeling when the device emits the IPL to kill the hair.



NOTE: Do not treat the same spot more than once per treatment. The device will not operate if only the treatment window is in contact with skin

6. After finishing the treatment, press the power button for 3 seconds to turn off the device. The screen will display a 10-second countdown. After the countdown is over, the device will enter the standby mode, and the screen will display "OFF".



7. Use a dry and clean cloth to gently wipe the device, and then put it and its accessories into the box and store in a safe place.



OPERATING YOUR IPL HAIR REMOVAL DEVICE

Number of Power bar lights illuminated	5	4	3	2	1
Max. Energy (J/cm ²)	6.0	5.4	4.8	3.9	3
Max Energy (J)	9	11.2	13.4	15.8	18

If you feel intense pain, stop treatment immediately and consult your doctor before using the device again.

Kindly do not hesitate to contact us if you feel that you need any assistance. Please contact us or email us at info@vorsprungofficial.com


TREATMENT MODES

Depending on the area you wish to treat you can choose between Gliding mode and Precision mode:

Gliding mode enables fast and efficient treatments and is recommended for large skin surface areas (e.g. legs, arms, chest and back) while Precision mode is recommended for treating sensitive or small, hard-to reach areas such as knees, shins, ankles, bikini line or underarm and face for females.

The area to be treated has to be hair-free, clean and dry.

Gliding Mode

1. Hold the Flash Button (Long press for 1~2 seconds) and the display screen will show the symbol of gliding mode ‘’,
2. Place the treatment window against the skin, then glide the device along the skin between flashes. Try to move the device at a steady speed that gives full coverage without overlap or missed areas.

OPERATING YOUR IPL HAIR REMOVAL DEVICE

Precision Mode

1. Place the treatment window against the skin.
2. Press and instantly release the flash button. The device will emit a flash.
3. Lift off the device and place it onto the next adjacent spot to be treated. Wait for the Status Indicator to show white LCD. Then press and release the treatment button.
4. Continue treatment spot by spot until you have completed the entire area you wish to treat.

ERROR CODE LIST

This is an error code list explaining various common error codes when the device is running

Error 0: Indicates that the lamp tube is leaking, and the customer needs to contact the after-sales department.

Please contact us via email at info@vorsprungofficial.com

Error 1: The capacitor does not boost, the customer needs to contact the after-sales department.

Please contact us via email at info@vorsprungofficial.com

Error 3: Over-temperature protection. When the device temperature exceeds the highest value, the device will give a AEC reminder. Customers should stop using the device and wait for the device temperature to cool before the device can be used normally again.

TREATMENT SCHEDULE FOR YOUR IPL HAIR REMOVAL DEVICE

Select a Appropriate Energy Level

Start at the lowest setting (level 1 or 2) and work your way up as the hair follicles start to die off. After a few treatments you should notice the pain level decreasing (the darker coarser hair follicles should be inactivated, the lighter/finer hair won't hurt as much) and you can up the power.

Use High-Energy Levels with Caution

The VORSPRUNG LUMINOUS IPL device has a high energy output, which means it might hurt a little more on level 3-5, but it'll be more effective at reducing hair growth. The ICE cooling function helps reduce the pain to make it tolerable at the high energy level.

If you feel intense pain or burn, please treat with lower level.

Treatment Schedule

For optimal results, the IPL hair removal device should be used twice a week for 8 weeks to ensure all hair follicles are treated.

After the initial treatment phase (8 weekly treatments), to maintain treated results we recommend the IPL hair removal machine is used once a week for 9-12 weeks, then, once a month.

Note: You can adjust the energy levels according to your pain tolerance and the growth of the hair. We do not recommend exceeding the suggested treatment frequency.

TREATMENT SCHEDULE FOR YOUR IPL HAIR REMOVAL DEVICE

Intensity Level and Skin Colour

Parts	Skin color					
	white	Yellow	Medium brown	Light brown	Brown	Dark brown/black
Armpit	3-5 level	3-5 level	3-4 level	2-3 level	2-3 level	inapplicable
Arm	3-5 level	2-4 level	2-4 level	1-3 level	1-3 level	inapplicable
Leg	3-5 level	2-4 level	2-4 level	1-3 level	1-3 level	inapplicable
Around Month	3-4 level	2-3 level	2-3 level	1-3 level	1-3 level	inapplicable
Face	3-4 level	2-3 level	2-3 level	1-3 level	1-3 level	inapplicable

Aftercare

1. After hair removal, apply the gel to hair removal part immediately. It is recommended to avoid touching water within 6h.
2. Avoid perfumes, deodorants, and hot showers for the first 24 hours.
3. Avoid ultraviolet ray exposure within 24h after hair removal. Please apply high factor sun cream to treated skin before any sun exposer.
4. Sunbathing may make skin dark or cause skin surface to sunburn. It is recommended not to use the device during this period.

TREATMENT SCHEDULE FOR YOUR IPL HAIR REMOVAL DEVICE

Possible Side Effects

When using IPL hair removal device according to the instructions for use, side effects are rare. However, every aesthetic procedure including the usage of home use devices may cause some degree of side effects. If any of the following conditions appear and last more than 24 hours, you should consult your doctor or dermatologist.

Kindly do not hesitate to contact us if you feel that you need any assistance. Please contact us via email at: info@vorsprungofficial.com

Side Effect Table:

Degree of Side Effects	Side Effects	Solution
Common skin reactions	Slight redness Prickle, tingle Feel warm Sun Sensitivity	1.Press an ice pack on the treatment area 2.Harmless and disappears quickly.
Rare Side-Effects	Burns Scarring Pigment Changes Excessive Redness/Pain Swelling	1.Use a lower light intensity. 2.Consult a doctor or customer service for help.
Extremely Rare Side-Effects	Infection Bruising	Stop using the device and consult a doctor or customer service for help.

TROUBLESHOOTING

This manual outlines the problems encountered when using the device. If you cannot use the following information to solve these problems, please contact the aftersales service personnel in time.

Problems	Possible Reasons	Solutions
It cannot be started.	It cannot be started. The power supply is not connected properly	Check if the power supply is plugged in properly
The irradiation is not available.	Whether the host head and body temperature is too high. Whether the host head is close to the skin.	Wait until the equipment is cool naturally, make the host close to the skin until the status indicator stops flashing.
Work indicating lamp is not on.	Hairs at the removal part are not shaved.	Before using this product, please shave hairs on the area to be irradiated. In case of skin allergy caused by shaving, please cut hairs as short as possible and use it under comfortable setting.
The pain is unbearable during hair removal.	The product is not suitable for the part for hair removal.	Do not use the product at labia, vagina, anus, nipple or mammary areola. For men, do not use the product on the face or scrotum.
	Excessive intensity level.	Reduce the intensity level to the comfort degree.
	The treatment window is damaged.	Repair or return the product immediately.
After hair removal, the hair removal area turns red.	Mild redness is normal and harmless to human body, and will disappear rapidly.	If necessary, please consult your doctor.
The hair removal effect is poor.	The intensity used is too low for you.	Please use a higher setting for next time.
Automatic over-temperature protection is started.	The self-protection procedure for overheating of the equipment.	Place the product at a ventilated place for cooling.
There is odor during irradiation.	The optical light filter has dust or there are residual hairs on body surface.	Clean the lamp cap and surrounding area, making sure all hairs are shaved and adjust it to the appropriate gear.

GUARANTEE CONTENTS

Warranty Contents

According to our research, those who returned the device due to of lack of hair reduction did not treat the area long enough. This part is unpredictable as there is nothing you can do to speed up the process due to each individuals growth cycle and each hair can only be effectively zapped when it is in its right phase of the cycle. In fact, in the few days following a treatment it can even look like there is more hair because the zapped hairs are getting pushed out. We are committed to serving customers with reliable quality products and aftersales service. You are supported by a one year product guarantee from date of purchase.

Customer Support

If you have any clarification or queries you wish us to address, please email our support team with your order details and a description of the fault or damage. Including photographs of any fault helps in speeding up enquiries.
Email address: info@vorsprungofficial.com

Note: Normal response time is within 72 hours.

Don't forget to check your spam folder since responses can be mistakenly be filtered.

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Disposal



DO NOT throw away the IPL hair removal device with normal household waste at the end of its life, hand it in to an official collection point for recycling (contact your local town or city officials for recycling information). By doing this, you help to preserve the environment.



RoHS



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