



ENHANCE PERFORMANCE  
ACCELERATE RECOVERY

# ***USER MANUAL***

Professional Light Systems for  
Health, Sports, Fitness & Vitality

INTELLIGENT LIGHT THERAPY



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# ***INTRODUCTION***

## ***LS PRO LIGHT SYSTEMS PRODUCT DESCRIPTION***

Congratulations on choosing LS PRO Systems to support your Sports, Health and Vitality needs. Your LS PRO Light System is a specially designed therapeutic healing device, delivering 880nm in infrared light, 660nm in red light and 465nm in blue light wavelengths to the body's tissue resulting in therapeutic effects.

The LS PRO therapy time can be controlled by the user and supports up to 9 LS PRO pads, which can be used simultaneously or individually to suit the user's needs.

## ***LS PRO CONTROLLERS***

- > LS XP1 – 1 Port Rechargeable
- > LS XP3 – 3 Port Personal
- > LS XP6 – 6 Port Professional

## ***LS PRO NEOPRENE FLEXI PADS CAN INTERACT WITH ALL CONTROLLERS ABOVE***

- > LSG 264 General Pad – red and infrared diodes
- > LSG 264B General Pad – blue and infrared diodes
- > LSH 155 Head Cap – red and infrared diodes
- > LSL 132 Local Pad – red and infrared diodes
- > LSL 132B Local Pad – blue and infrared diodes
- > LSF 104 Face Pad – red and blue diodes
- > LST 90 Target Pad – red and infrared diodes
- > LSB 80 Boot Pad – red and infrared diodes
- > LSP 200 PEMF/Light Combo Pad – red and infrared diodes

## ***INDICATION FOR USE***

The LS PRO Systems products are designed to apply LED (light-emitting diode) light with associated gentle therapeutic warmth in the red, infrared and blue wavelengths of light to the user, which increases circulation and relaxes muscles. Users may expect benefits such as temporary relief of muscle spasm; relief to minor muscle and joint aches, pain and stiffness.

# **WARNINGS & CAUTIONS**

## **WARNINGS**

- > Do not stare directly into the diodes or the lights' reflection in a mirror as that could cause temporary irritation of the eyes. Prolonged exposure to the light with the naked eye could harm your eyes.
- > Keep the equipment away from children and pets.

## **THE LS PRO LIGHT SYSTEM IS AN ELECTRICAL DEVICE. TO AVOID ELECTRIC SHOCK ADHERE TO THE FOLLOWING**

- > Do not drop your device in water or liquids.
- > Do not wash electrical parts with water or liquids.
- > Do not directly touch the device or connect power with wet hands.
- > Do not apply or touch the device to wet or damp skin.
- > Do not pull, carry or lift the device by its cord. If the cord to your product is damaged do not use the device.
- > Do not use the device if it has been dropped, left outside or has encountered water or liquids.
- > Do not use on or near heated surfaces.
- > Do not operate this device in areas where it could be exposed to flammable or combustible products or where vapors may be present. Explosion or fire may occur.
- > This device is not to be used by disabled, sleeping or unconscious persons.

## **REPAIRS**

- > Do not modify or attempt to modify or repair this equipment. There are no user-serviceable parts.
- > If this equipment is modified in anyway, appropriate inspection must be taken to ensure continued safe use.
- > Please contact customer service on [airpuria.com](http://airpuria.com)

## **CAUTIONS**

If you are taking any medications or products which make you sensitive to light, we recommend that you consult your doctor or physician prior to use. Some medications, such as for colds, allergies, pain medicine and drugs to treat infections might cause light sensitivity (See Testing for Light Sensitivity on page 5).

- > Do not use the device on open wounds, as heat may increase circulation and cause bleeding.
- > This device contains neoprene. If you are or believe yourself to be allergic to neoprene, do not use this product without first consulting a physician.
- > Do not use this device in combination with liniments, salves, ointments or balms that contain heat-producing ingredients as a skin burn could occur.

### **Consult your doctor prior to using if you are:**

- > Pregnant
  - > Are taking drugs known to cause sensitivity of skin to light
  - > Have any suspicious or cancerous lesions
  - > Recently had a steroid injection or use topical steroids
1. Do not use this device on infants.
  2. If you experience discomfort or have a concern about use of the device, stop use immediately and contact your doctor.
  3. Use indoors only.
  4. Use supplied power supply only.
  5. Unplug from outlet when not in use to avoid tripping hazards.
  6. Do not unplug by pulling directly onto the cord. Grasp the plug itself, not the cord when unplugging from the outlet.
  7. Do not exceed 40 minutes of use in one therapy session.

# TESTING & CHECKING YOUR DEVICE

## TESTING FOR LIGHT SENSITIVITY

Before starting your first therapy session, we recommend that you check for light sensitivity. You only need to do this once to test if you are sensitive to light by turning on your device, then placing the LS light therapy pad on your forearm. Keep the LS light therapy pad in place for 2 minutes and once finished set the LS light therapy pad aside.

Check forearm after 2-5 minutes to see if any reaction has taken place. If you see any redness or a rash contact our customer service team via [airpuria.com](http://airpuria.com)

## CHECKING YOUR DEVICE

Your product is designed to last for many years with normal and proper use. It has been monitored and tested to FDA regulations during its manufacturing process. When the device is working properly, the LEDs should emit light from the LS light therapy pads on the underside\*.

\*Note. Infrared diodes are at the invisible end of the light spectrum, as long as the visible red and/or blue lights are lit on the pad, then the infrared lights are working too.

DO NOT look directly into the light. Shine the light onto the palm of your hand to see if the LS light therapy pads are working.

If the LS light therapy pad does not emit any light, please contact our customer service team on [airpuria.com](http://airpuria.com) and one of our team members will be available to help you.

## SIMPLE EXAMPLES OF PAD PLACEMENT



# LS PRO SYSTEM PRODUCTS

LS XP1 Port Rechargeable



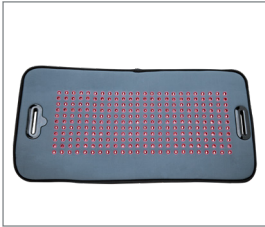
LS XP3 Port Personal



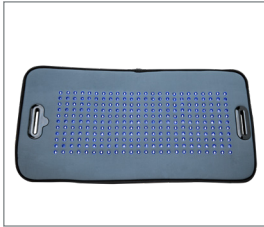
LS XP6 Port Professional



LSG 264 General Pad (Red)



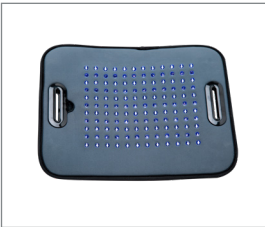
LSG 264B General Pad (Blue)



LSL 132 Local Pad (Red)



LSL 132B Local Pad (Blue)



LST 90 Target Pad



LSH 155 Head Cap



LSF 104 Face Pad



LSB 80 Boot Pad



LSP 200 PEMF/Light Combo



# LS XP3 & LS XP6 PORT OPERATIONAL PICTURES

A

1. Power Cable



2. Power Adapter/Connector



3. Two Pin Male Adapter



4. Power Cable & Adapter



5. DC Power Input



6. 5 Pin Plug



7. 5 Pin Light Pad Ports



8. Velcro strip



9. Power Switch



10. LED Mode Indicator



11. Mode Button





# **GETTING STARTED**

## **LS XP3 & LS XP6 PORT CONTROLLERS**

The LS PRO System comes with everything needed to start your light therapy experience. For the best results please read this manual completely before you start using your LS PRO System.

The LS PRO System may be used multiple times per day, with a recommended therapy session for 20 to 40 mins. Your LS XP3 or LS XP6 Port Controllers automatically switch off after a 20 min session. An immediate second 20 min session works by moving the pad/s to different areas of the body.

Open all your products and check you have everything listed on the product check sheet.

### **POWERING ON**

**(ONLY USE THE BLACK POWER ADAPTOR)**

1. Locate Black Power Cable (fig. 1) and Black Power Adaptor (fig. 2).
2. Connect the two by plugging the two-pin male adaptor (fig. 3) into the Power Adaptor (fig. 2).
3. Assembled Power Cable & Adaptor complete should look like (fig. 4). Connect Power to the wall socket.
4. Plug the male connector (red circled fig. 4) into the DC Power Input on the back of your controller (fig. 5).
5. Proceed by plugging in your choice of pad/s using 5 pin plug (fig. 6) pushed into the 5 pin port on the back of your controller (fig. 7).
6. Secure your light pads to the desired area of the body with Velcro straps provided (fig. 8).
7. Switch on the power to your controller (fig. 9), this may be followed by a beep and the LED Mode Indicator display should light up (fig. 10).
8. Choose your desired setting by pressing the mode button (fig. 11) repeatedly (see simplified frequency guide).
9. Relax and enjoy the session.

# LS XP1 PORT RECHARGEABLE OPERATIONAL PICTURES

**B**

1. Power Cable



2. Power Charger/Connector



3. Two Pin Male Adapter



4. Power Cable/Charger



5. DC Power Input



6. Charging indicator



7. 5 Pin Plug



8. 5 Pin Light Pad Port



9. Velcro Strap



10. Power/Mode Button



11. LED Mode Indicator



12. Splitter



# **GETTING STARTED**

## **LS XP1 PORT RECHARGEABLE**

The LS PRO System comes with everything needed to start your light therapy experience. For the best results please read this completely before you start using your LS XP1 Port Rechargeable. The LS PRO System may be used multiple times per day, with a recommended therapy session for 20 to 40 mins. Your LS XP1 Port Rechargeable automatically switches off after a 20 min session. An immediate second 20 min session works by moving the pad/s to different areas of the body. Open all your products and check you have everything listed on the product check sheet.

### **POWERING ON**

#### **TO CHARGE (ONLY USE THE WHITE POWER CABLE/CHARGER)**

1. Locate White Power Charger Cable (fig. 1) and White Charger Adaptor (fig. 2).
2. Connect the two by plugging the two-pin male adaptor (fig. 3) into the Charger Adaptor (fig. 2).
3. Assembled Charger complete should look like (fig. 4).
4. Connect White Power cable to the wall socket.
5. Plug the male connector (red circled fig. 4) into the DC Power Input on the back of your 1 Port Rechargeable (fig. 5).
6. A flashing light circled (fig. 6) indicates that the unit is charging. Full charge takes approx. 3 hours.
7. The unit is fully charged when the charging indicator light stays on constantly.
8. Do not attempt to use the 1 Port Rechargeable for therapy while it is charging, always remove the charger for use.
9. You are now ready to use your 1 port Rechargeable.

#### **TO USE**

10. Proceed by pushing your choice of pad/s using 5 pin plug (fig. 7) into the 5 pin port on the top of your controller (fig. 8).
11. Secure your light pads to the desired area of the body with Velcro straps provided (fig. 9).
12. Press the power/mode button on your controller (fig. 10), this may be followed by a beep and the LED Mode Indicator display should light up (fig. 11).
13. Choose your desired setting by pressing the power/mode button (fig. 10) repeatedly (see simplified frequency guide).

## **UPGRADE SPLITTER**

- > The LS PRO Upgrade Splitter (fig. 12) allows you to add a second pad to the 1 Port Rechargeable.
- > Push the 5 pin male plug of the splitter into the 5 pin port on top of the Rechargeable Controller (fig. 8).
- > Push the 5 pin male adaptor from the pad/s into the 5 pin ports on the splitter.

## **CAUTION**

**The splitter cannot be used with the PEMF/Light Combo Pad.**

## **NOTE ON CHARGING**

- > Ideally let the battery completely run down when possible.
- > If charging overnight, you cannot overcharge the unit.
- > Battery life can last from 1 hour to 4 hours depending on number and type of pads used.

# **MAINTENANCE**

## **CLEANING**

- > Turn off your LS PRO System by switching the power switch to the off position by pushing the mode button on the front of the LS XP1 Port rechargeable
- > Unplug the charger at the power wall outlet
- > Clean LEDs with a non alcoholic wipe or medical grade hydrogen peroxide wipe, making sure the device and pads are dry before using
- > Avoid the use of any harsh cleaners or bleaches as this may damage your device



## **DISPOSAL INSTRUCTIONS**

This symbol on the device or packaging indicates that this device may not be disposed of with your other household waste. This device requires disposal via your designated collection point for the recycling of electrical and electronic equipment. Recycling 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.

# **EQUIPMENT CLASSIFICATION**

- > Class BF Patent Applied Part
- > Ordinary Equipment
- > Equipment is not suitable for use with flammable anesthetics or topicals
- > Complies with EMC Standard IEC 60601-1-2
- > Complies with Medical Electrical Equipment Safety Standard 60601-1

## **WARRANTY**

**PLEASE LOG ON TO [WWW.LSPROSYSTEMS.COM](http://WWW.LSPROSYSTEMS.COM)  
TO ACTIVATE YOUR WARRANTY**

Your LS PRO System comes with a 1 year factory warranty and warrants against defects in materials or workmanship from LSProSystems LLC. Items that are damaged, abused or have general wear and tear are not covered under the warranty and may be charged at their regular repair rates.

### **WARRANTY TERMS**

**ANY ATTEMPT TO SELF-SERVICE YOUR DEVICE, UNLESS INSTRUCTED  
IN WRITING BY LS PRO SYSTEMS CUSTOMER SERVICE WILL VOID  
YOUR WARRANTY.**

Your LS products are warranted by LS PRO Systems LLC against defects in materials or workmanship for a total of 1 year from the date of purchase or receiving the products. If this device is determined to be defective, LS PRO Systems will repair or replace it at no charge during its warranty period (shipping to and from the customer is not charged during the first year of the warranty).

After the warranty period has finished, the user must pay for all parts and labor charges. If the device is repaired or replaced, either within or outside the warranty period, LS PRO Systems reserves the right to provide parts in different colors to the original device.

## **WARRANTY CONTINUED**

This warranty does not cover damage caused by acts of god, misuse, negligence, accidents, modification of, or to, any of the parts of this device. This warranty does not cover damage due to improper operation or maintenance, connection to improper voltage supplies, or attempted repair by anyone other than LS PRO Systems certified service personnel. This warranty is void if the device is tampered with.











To obtain warranty service, please call LS PRO Systems customer service on **airpuria.com** to request an authorization number. We ask that you deliver the product with its original packaging or packaging equivalent to its original packaging for protection, together with your name and address to: **LS PRO Systems LLC, 4150 Lake Washington Rd. Melbourne, FL 32934.**

Governing Law: this Agreement is governed by and must be construed under the laws of the state of Florida, without regard to choice of law principles. You agree to submit yourself to the personal jurisdiction of the courts in the state of Florida.

General terms: if any part of this Agreement is held invalid or unenforceable, that part is interpreted consistent with applicable laws as nearly as possible to reflect the original intentions of the parties and the rest of this Agreement remains in full force and effect.

## **DISCLAIMER**

This product is not intended to diagnose, cure or prevent disease or illnesses. LS PRO Systems makes no claims, representation or guarantees regarding the ability of this product to cure any physical, medical or psychological condition. A qualified health professional should always be consulted prior to use and with regards to any condition requiring medical attention or contraindications.

	European Conformity		Refer to instruction
	WEEE		RF Interference
	Warning		Type BF Applied Part
	Caution		Serial Number
	Power On/Off		Degree of Moisture resistance

## SPECIFICATIONS

TECHNICAL INFORMATION	
Model Number:	
Note:	Only use power supply provided
	This device has no user serviceable parts
Power Input:	100 – 240Vac
Power Output:	24Vdc, 10A
Operating Temperature:	0°C to +40°C (32°F – 104°F)
Relative Humidity:	< 85%
Storage Temperature Range:	-30°C to +55°C (-22°F to +130°F)
Wavelength:	465nm Blue +/- 10nm visible light
	660nm Red +/- 10nm visible light
	880nm Infrared +/- 10nm non-visible light

UDI label and serial number – on the underside of controller



