

Rechargeable MATEPRO75 Led Therapy light

User Manual

*This Led Light Therapy Lamp use 660nm and 850nm light wavelengths,
850nm is infrared so it will be difficult to see from this lamp. But don't worry, they are working.*



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MATEPRO75 BRIEF INTRODUCTION

- 1.MATEPRO75 is a portable and rechargeable led therapy light, with built-in battery, you can enjoy your light therapy anywhere and anytime. Slip the this MATEPRO75 into your backpack, bring it to the office or gym. Take it on the car, or on the plane.
- 2.MATEPRO75 adopt 15pcs 5w double chip LEDs and 30 degree lens. it is biggest high-power led chip, greatly improved the irradiance and light efficiency.
- 3.MATEPRO75 is charged by a USB charger, once get full charged, can continuously use for 4 hours.
- 4.MATEPRO75 adopt red 660nm and infrared 850nm=7:8, These are the 2 most efficient wavelength that are good for human health.
- 5.There are 3 different treating mode, only 660, only 850, and 660 850 half and half. You can choose the treatment mode according requirement.
- 6.MATEPRO75 use pure aluminum shell design, and adopt silent heat dissipation, so the device may get little hot when working for a while but please don't worry, this is normal.
- 7.MATEPRO75 use aluminum shell and equipped with a handle belt, suitable for one-hand use.
- 8.MATEPRO75 use slow start design. LEDs will gradually reach normal brightness after you started device, effectively avoid harm to eyes caused by sharp-flash.

What's Including

1x MATEPRO75 Led therapy light	1x MATEPRO75 User Manual
1x USB adapter	1x eye protector
1x travelling storage box	1x USB power cord
1x storage bag	

OVERVIEW OF LIGHT THERAPY

What is red and near infrared light therapy?

Red and near infrared light therapy, also known as photobiomodulation (PBM), involves the use of specific wavelengths of natural light in the mid 600 and mid 800 nanometer to enhance the health and function of our cells without any harmful UV rays, excess heat, or negative effects.

How does it work?

The most well studied mechanism of action surrounding red and near infrared light therapy is increased mitochondrial energy production in our cells. Mitochondria can be thought of as the energy production plants of all the cells in our body. Red and near infrared light therapy helps the mitochondria create more of that energy.

The specific photons found in red and near infrared light interact with a photoreceptor within our cells called cytochrome c oxidase. This interaction stimulates the mitochondria in our cells to use oxygen more efficiently, which allows the mitochondria to produce more ATP (also known as cellular energy). When our cells have more energy, they perform all of their functions better. When our cells are functioning optimally, our bodies function optimally.

What are the benefits?

There are over 3,000 scientific studies and peer reviewed clinical trials that have been conducted on the benefits and effectiveness of red and near infrared light therapy. The studies have shown that light therapy can have significant health benefits, including but not limited to: increased energy, enhanced fat loss, enhanced muscle recovery, decreased inflammation and joint pain, improved health and appearance of our skin, increased collagen production, improved mood and cognitive function, faster wound healing, improved hormonal health, improved quality of our sleep and much more. The benefits are so wide ranging due to the mechanism of action: increased cellular energy production.

HOW TO USE MATEPRO75 DEVICE

MATEPRO75 is designed as the portable LED therapy light device, it's best for target treatment use. As a adjuvant therapy device, this product cannot completely replace drugs. With MATEPRO75, you can enjoy natural LED therapy light treatment at home. Tips here is to show how:

Before You Start:

For optimal results and safe use, follow these 3 steps before starting a treatment with the MATEPRO75.

Step 1

Read the User Manual: Please read this instruction in full before using the MATEPRO75.

Step 2:

Turn on the device, confirm the remaining battery capacity is enough for 1 course of treatment.

Step 3:




Set treatment mode, 660nm only, 850nm only or 850nm 660nm half and half.

Step4:

Position your devices 3-8 inch away from your treatment area and then enjoy your LED therapy treatment.

HOW TO USE MATEPRO75 DEVICE

Starting Your Treatment:

- 1: Turn on/off Your Light. Touch button  for 5 seconds to turn on or turn off the device.
- 2: Touch button  to set the wavelength. LED screen will show the wavelength status (R- only 660nm LEDs are working, I- only 850nm LEDs are working, R I- all LEDs are working).
- 3: Three Treatment modes choose. Touch button , LCD screen will show LED therapy treatment mode, continue to touch to choose other mode.

L1- 850nm and 660nm work together, L2-All 660nm Red Light, L3-All 850nm Infrared Light
- 4: Timing. When device start working, default 10minutes treating time. MATEPRO75 will power off automatically when countdown is over.
5. Battery. There are 4 indicator lights under screen to show the remaining battery capacity.



TECHNICAL INFORMATION & SPECIFICATIONS

Model	MATEPRO75
LED quantity	15pcs
Irradiance	L3 mode: $>150\text{mW}/\text{cm}^2$ at 3 inch distance
Wavelength	660nm: 850nm= 7:8
Beam angle	30 degree
Battery capacity	8000 mAh
Dimension	L265×W160×H20mm
N.W.	0.45 KG
Warranty	1 year

MAINTENANCE, CUSTOMER SERVICE AND WARRANTY

Maintenance

MATEPRO75 does not require any maintenance beyond basic care and regular cleaning. Cleaning the device is easy, just unplug the device and wipe the surface with a damp cloth or paper toweling. Do not use harsh cleaning chemicals or bleach because they may damage the device. Make sure the MATEPRO75 is dry before using it again. For safety, the MATEPRO75 is only intended for use indoors.

Customer Service

We are committed to your well-being by providing you with efficient, effective, and affordable light therapy devices. If at any time you are having trouble with your MATEPRO75 light therapy device, or you have any questions or concerns about the device, please do not hesitate to contact us and we will be more than happy to answer any questions you may have.

Warranty

We warrant that the MATEPRO75 will function and perform within the specifications for one years after the date of delivery. The 1-year warranty will cover all parts and labor during the warranty period with some exclusions. If required, the buyer is responsible for return shipping to us within the 1-year warranty period. The warranty shall not apply to any device that has been abused, misused, modified, damaged, or fitted with substitute parts other than parts manufactured by us. We shall not be liable for any consequential loss or inconvenience caused by any failure of product. After the warranty has concluded, the buyer is required to pay for all parts and labor charges. If the device is repaired or replaced, either within or outside the warranty period, we reserve the right to provide parts or replacement in different colors than the original device. To obtain warranty service, please email us.

SAFETY INSTRUCTIONS, WARNINGS, AND DISCLAIMER

To preserve the life and functionality of the MATEPRO75, always store in a cool, dry place when possible. For proper use and safety, please be sure to read this manual and follow all instructions and do not do any of the following with MATEPRO75:

- DO NOT let children use the MATEPRO75 without adult supervision.
- DO NOT use this device on infants.
- DO NOT let sleeping, disabled, or unconscious persons use the device.
- DO NOT exceed 20 minutes of use in one therapy session.
- DO NOT use on open, fresh wounds.
- DO NOT use in combination with liniments, salves, ointments, or balms that contain heat producing ingredients. A skin burn could be the result of doing so.
- DO NOT modify or attempt to repair this equipment. There are no parts that are serviceable by the user.

MATEPRO75 is an electrical device. To avoid electric shock and other electricity-related dangers, adhere to the following instructions:

- DO NOT wash electrical parts with water or other liquids.
- DO NOT drop your device in water or other liquids or place it where it may fall into water or other liquids. Do not expose to running water. If your device comes into contact or becomes submerged into water or other liquid, unplug it immediately from the electrical power outlet. If device is to be used in the vicinity of water, we recommend using an electrical outlet protected by Ground Fault Circuit Interrupter.
- DO NOT directly touch the device or touch the plugs or switches with wet hands.
- DO NOT apply or touch the device to, or with, wet or damp skin.
- DO NOT pull, carry, or lift the device by its cord. If the cord is damaged, don't use the device.
- 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 vapors. Explosion of fire may occur.

Explosion of fire may occur.

- DO NOT store your device in hot temperatures exceeding 140 degrees Fahrenheit.
- DO NOT use your device if it is damaged. Continuous use of a damaged device may result in electric shock or injury.
- DO NOT use extension cords unless they are designed to carry the total wattage of the device being powered.
- DO NOT unplug by pulling directly on the cord. Grasp the plug itself, not the cord, when unplugging from an outlet.
- ☒ DO NOT cover the cooling fans while operating the device.

Cautions

Recommends consulting with your healthcare provider prior to use if you believe that you are sensitive to light. Some cold and allergy medications, pain medications, and medications used to treat infection may cause light sensitivity. We also recommend consulting with your healthcare provider prior to using the MATEPRO75 if you are pregnant, have any suspicious or cancerous lesions, or have recently had a steroid injection or use topical steroids. If you experience discomfort or have a concern about the device, stop use immediately and contact your healthcare provider. Unplug from outlet when not in use to avoid tripping hazards.

Disposal

The symbol to the right, found on the MATEPRO75 or within its packaging, indicates that this device may not be disposed of with other household waste. This device requires disposal via a designated collection point for the recycling of electrical waste. Please recycle your equipment at the time of disposal to help conserve natural resources and protect human health and the environment.

Disclaimer

This product is not intended to diagnose, cure, or prevent disease. We make no claims or representations or otherwise warranties regarding the ability of this product to cure any physical, skin or mental conditions from using this product. A qualified health professional should always be consulted prior to using this product with regards to any condition that requires medical attention.



FREQUENTLY ASKED QUESTIONS

Q: How long should I use the MATEPRO75 for?

A: It depends completely upon the area being treated and the distance of treatment. In general, all that is usually needed is ten minutes for each treatment area.

Q: Should I wear eye protection?

Eye protection is not required or necessary. However, we don't recommend looking directly at the LEDs because it can sometimes be uncomfortable. With that said, your eyes typically become accustomed to the light and it is then OK to open your eyes, as long as you aren't feeling discomfort.

Q: Why aren't the infrared LEDs working?

I can't see them. Near infrared (NIR) light is actually not visible to the naked human eye. It is outside of the visual spectrum, and as a result, it cannot be seen.

However, there is a very slight glow that comes from the LEDs, especially in dark conditions, so if you are concerned the NIR LEDs are really not working, you can test them that way.

Q: Can children use the MATEPRO75?

Yes, children can use the MATEPRO75 under adult supervision. Never use the MATEPRO75 on infants, though. If a child is older than 12 years old, they may follow the previously referenced treatment times. If a child is younger than 12 years old, they should opt for half the dose that would be recommended for adults.

Q: When can I expect results?

Results vary depending on goals and treatment consistency. With that being said, many people will experience benefits such as increased muscle recovery, relief of pain and increased wound healing relatively quickly. However, more systemic benefits such as enhanced skin health, increased energy, improved hormonal health and increased quality of sleep may take 8-12 weeks of consistent use. Using your MATEPRO75 device every day will maximize the rate of response and healing. It is very important to be consistent with red light therapy.

Q: Does red light therapy interfere with the medications?

A: Red and near infrared light therapy has been proven in thousands of clinical studies and peer reviewed clinical trials to be not only safe but also effective.

However, if you use medications such as Tetracycline, Digoxin, Retin A, and/or other photo sensitizing drugs, we recommend consulting with your doctor or health care provider before using the MATEPRO75.

Q: Can I wear clothing during my treatment sessions?

A: Of course, just make sure that the area that you're treating is completely exposed.

COLOR GUIDE TABLE

Near-Infrared-850nm

- Pain relief
- Speeds wound healing
- Increases circulation
- Healing of muscle and ligament sprains
- Enzymes boosted to improve body processes
- Boosts mitochondria function in cells for healing and energy
- Boosts DNA in body cells for better healing
- Alleviates allergy symptoms
- Speeds healing of burns
- Skin repair

Red Light-660nm

- Combats lethargy
- Boosts liver function
- Skin repair
- Beneficial for lungs
- Reduces scar tissue promotes circulation
- Pain relief
- Enhances the senses
- Beneficial for bones
- Improves nutritional metabolism
- Beneficial for heart
- Regenerates blood
- Beneficial for kidneys boosts liver function
- Promotes muscle healing Promotes wound healing

LED Therapy Light