



NORDIAN LICHTTHERAPIE

FLEXIBLE LIGHT THERAPY GLOVE

LED-G

User Manual



Precautions

1. Do not shine the glove lights directly into the eyes.
2. Discontinue using if the glove overheats or feels uncomfortable to the skin.
3. Do not use the glove if the skin is light sensitive or animals are currently using medication that may cause sensitivity of the skin to light.
4. Do not use without permission from the veterinary if the animals:
Are pregnant or suspect may be pregnant.
Are taking drugs known to cause light sensitivity.
Have any suspicious or cancerous lesions.
Have a bleeding disorder
5. Contact veterinary if the animals have any medical questions regarding the use of this glove.
6. Do not use close to a pacemaker without permission from the cardiologist.

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Introduction

Red light therapy, also known as photobiomodulation or LED light therapy, is considered a safe, painless, non-invasive, and drug-free form of treatment for healing the skin and body. It's the practice of shining therapeutic red and near infrared (NIR) light on animals to improve their health and wellness.

The red light therapy glove emits 940nm infrared light, 660nm red light, 430nm violet light, 525nm green light and 595nm yellow light that penetrates the skin to stimulate energy production, reaching deep into tissues, muscles, and bone. Anti-inflammatory and help heal a wide range of issues from the surface of the skin all the way down to the bone. Cells that are injured can actually be rejuvenated by light.

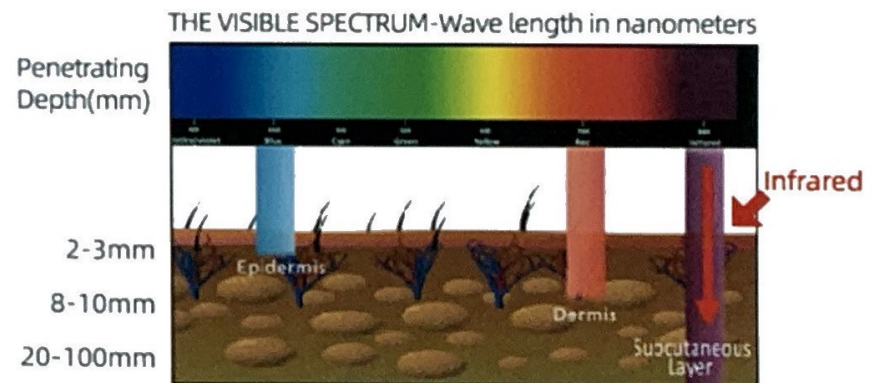
This unit takes advantage of state-of-the-art NASA light frequency therapy research to give animals the best LED light therapy. Please observe all safety precautions.

Red light: Muscle tension, improvement of peripheral blood circulation, organs, heart, lungs, muscles.

Violet light: Stress, cystitis, kidney disease organically beneficial effect on the spleen, urinary tract diseases.

Yellow light: Gastritis, diseases of the liver and the entire digestive tract, local lymphatic drainage, stimulation and regulation of stomach function. Green light: Improvement of wound healing and skin appearance after all kinds of skin reactions, removal of scars, diseases of the musculoskeletal system, acute arthritis, kennel cough complex, cat cold, bronchitis.

Near Infrared light: It is an invisible light wavelength that penetrates deeply into tissue, organs, and joints to decrease inflammation, relieve pain, and repair cells. Reduce symptoms of chronic pain disorders such as tendinitis, arthritis rheumatoid arthritis, and fibromyalgia.



Indications

LED light therapy glove is intended to treat:

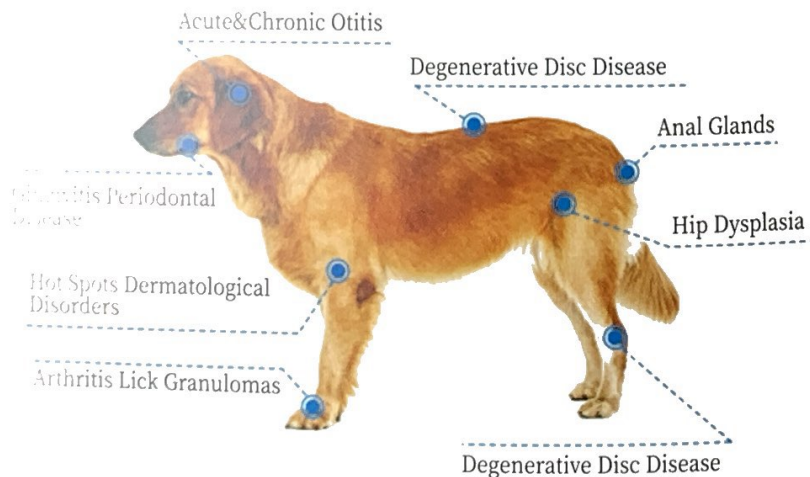
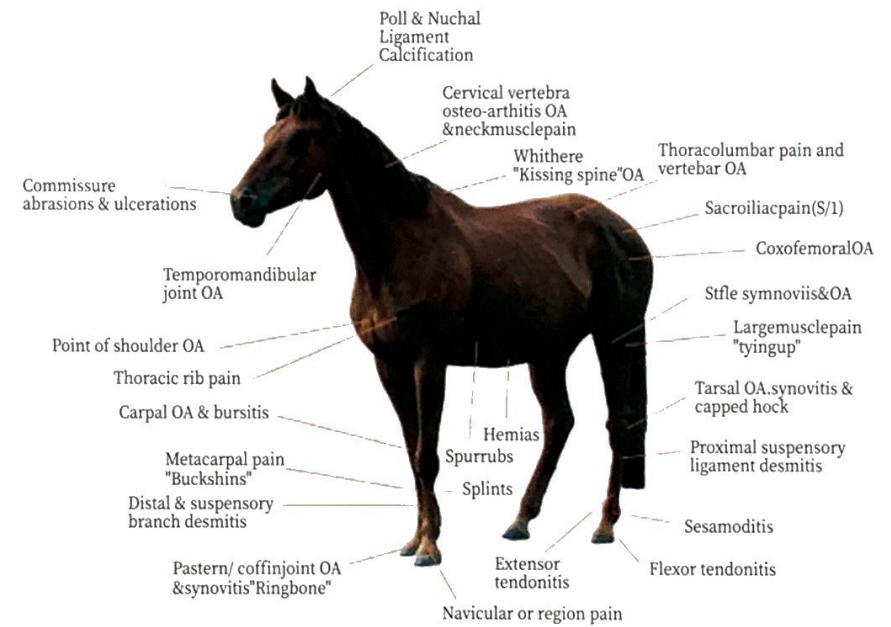
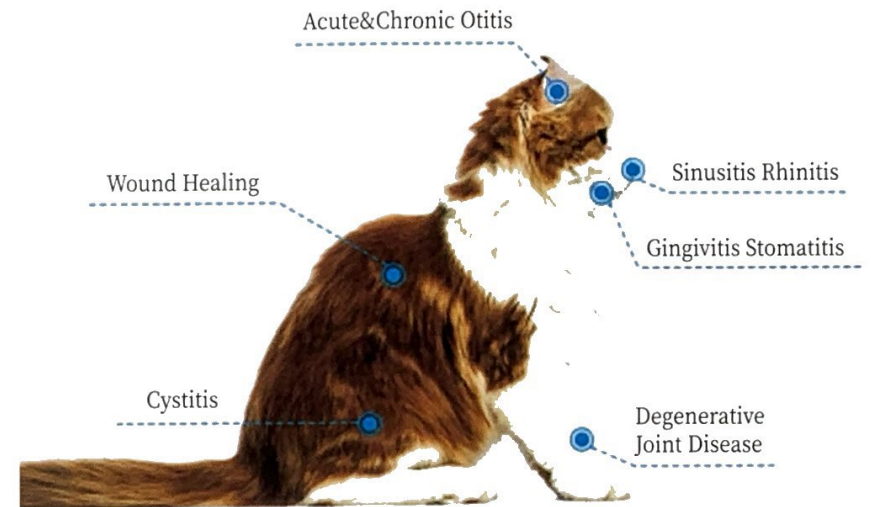
- Domestic animals—dogs, cats etc.
- Large Livestock— cattle, sheep, goats, pigs, bucks, etc.
- Horses.

Alleviate pain: reduces muscle and joint pain and pain from chronic arthritis and repetitive stress disorders.

Reduce inflammation/arthritis: promotes healing and boosts circulation.

Recover from injury: decreases pain and inflammation; breaks down scar tissue; loosens stiff joints.

Skin conditions: wound healing, lacerations, hyaloma tick bite necrosis, hot-spots, abscesses, saddle sores, proud flesh, acral lick granulomas, bruising, otitis externa, pyoderma, pododermatitis, skin allergies, eczema, etc.



Treatment Recommendation & Guidelines

Nordian light therapy glove is a home-use healing light therapy device for your pets and horses. Includes 2 powerful photonic Light Therapy Modes for deep pain treatments (DT) and skin surface treatment (ST) benefits.

DT mode: Relieves the irritating symptoms of animals' back pain, knee pain, as well as other causes of deep joint & muscle pain. Increased circulation reduces inflammation of joints and promotes healing.

ST mode: Treat and soothe animals' skin conditions to promote healthy skin. It aids in healing post-surgery wounds, Hot Spots, other skin problems and promotes hair growth.

The optimal effect is achieved with 7min...make your animal use to the light therapy by increasing over 3-4 days from 3 to 5 and then 7 minutes.

Attention: All treatment session increase or decrease have to be adjusted according to actual conditions. It's better to take the operation advice from the veterinary.

Included

- Light therapy glove
- AC adapter
- User manual

Device parts



Specifications

Battery capacity	One rechargeable lithium-ion 2000mAh
Near-infrared light	940nm, 24LED's
Red light	660nm, 18LED's
Violet light	430nm, 12LED's
Green light	525nm, 18LED's
Yellow light	590nm, 12LED's
Operational modes	Surface Treatment: 660nm red+525nm green+430nm violet +590nm yellow Deep Treatment: 940nm infrared+660nm red+525nm green
Time setting	3/5/7 minutes
Display	LED screen
Battery Charger	USB type C connection port
Function Buttons	1.ON/OFF: Controls the Start/Shutdown/Stand by operations separately; 2.M: Switch to ST or DT mode. 3.T: Adjust the timer 3/5/7 minutes
Power intensity	20mW/cm ²

Note: 1. 940nm near infrared is belong to invisible light.
2. Each violet and yellow diode includes one near infrared light.

Operations

ON/OFF:

- (1) Long press 2s ON/OFF button to turn on, the default treatment mode is in ST (Surface Treatment) mode. Quickly press ON button to start, the red, green, violet and yellow lights are working together.(Figure1)
- (2) Quickly press M button to switch DT (Deep Treatment), the infrared, red and green lights working together.(Figure2)
- (3) Quickly press OFF button any time, all color lights stop working.



Figure1



Figure2

Time button:

- (1) Default time: 3/5/7 minutes. Shut down automatically without any operations 1 minute later.



M button:

- (1) When the device is in standby mode, short press the M key to switch modes, including ST mode and DT mode.



Charging instructions

Charge: the battery indicator light is flashing when connecting USB charger.

During the charging process, the controller is in the shutdown, and it is also in the shutdown state after unplugged out the USB charger.

FREQUENTLY ASKED QUESTIONS

Q:WHAT IS THE DIFFERENCE BETWEEN RED LIGHT AND NEARINFRARED LIGHT THERAPY?

A: Both red and near-infrared light are wavelengths on the electromagnetic spectrum. Red light wavelengths, 600-700nm (nanometers), are absorbed the skin at a high rate. Near-infrared (NIR) wavelengths, 760-1400nm(nanometers), are higher on the electromagnetic spectrum and not visible to the human eye. The human body easily absorbs near-infrared waves up to 1.5 inches into muscle, fat and joints. The glove LED device 18 red-light diodes use 660nm red light which is wavelength that is easily absorbable by the skin. Making it especially effective for improving blood circulation and the overall appearance of skin. The 24 near-infrared (NIR) light diodes use 940nm light, which is an invisible light wavelength that penetrates deeply into tissue, organs, and joints to decrease inflammation, relieve pain, and repair cells.

Q:WHAT ARE THE BENEFITS OF RED LIGHT AND NEAR-INFRARED(NIR)LIGHT THERAPY?

A: The benefits of red light and near-infrared (NIR) are very similar though red light treats cells at the surface of the skin and near-infrared treats cells up to 1.5 inches below the surface of the skin (your muscles, fat, joints, organs etc). The benefits of red light and near-infrared (NIR) therapy include:

- (1)Improve skin appearance, including sun damage, scars (including acne scars), burns, cellulite, fine lines and wrinkles.
- (2)Energize the lymphatic system, aiding in detoxification.
- (3)Lose inches off the waist, hips, or other treated area.
- (4)Decrease pain inflammation and stiffness in joints muscles, and connective tissues.
- (5)Stimulate collagen and elastin production and cell regeneration, thus improving blood circulation to the skin and the overall appearance of the skin, including reduced cellulite.
- (6)Reduce symptoms of chronic pain disorders such as tendinitis, arthritis rheumatoid arthritis, and fibromyalgia
- (7)Boost immune system.
- (8)Reduce symptoms of eczema and psoriasis, such as redness, itching, flaking, and swelling.
- (9)Improve sleep quality and mental clarity and focus.
- (10)Reduce cortisol and increases serotonin, reducing stress and depression.
- (11)Promote faster recovery post-workout.

Q: WHERE CAN I USE THE GLOVED RED LIGHT THERAPY DEVICE?

A: It can be used on the shoulders, chest, belly, upper back, neck, head, scalp, thighs, hips legs, feet, arms, and hands.

WARNING! Never use it over your eyes, as the lights can damage your eyes.

Q: IS RED LIGHT THERAPY DEVICE SAFE FOR ANIMALS?

A: Yes, red light therapy is safe for animals, and treatments are well-tolerated by pets like dogs and cats. One of the biggest reasons so many vets use red light therapy is because it is a quick, simple, and safe treatment with few, if any, major side effects. This is backed by peer-reviewed clinical research, too.

Q: CAN I USE GLOVE RED LIGHT THERAPY DEVICE WITH PETS AT HOME?

A: Yes! Vets have been using the red light therapy devices to treat animals for years, but now pet owners can use it to treat their animals in the comfort of home. We use LEDs that deliver safe red and NIR wavelengths of light inside a pet's crate. This is more affordable than going to the vet regularly, and it is much less stressful for your pets.

Q: DO VETERINARIANS USE RED LIGHT THERAPY WITH ANIMALS?

A: Yes, red light therapy is one of the fastest growing treatments among veterinarians in the U.S. It is frequently used in animal rehabilitation settings for pain reduction, inflammation reduction, and wound care and healing. Veterinarians also widely use it for chronic pain and mobility issues associated with arthritis treatment. Red light therapy is also used for animal pain relief and injury and wound healing, especially after surgeries.

Q: SHOULD I SHAVE THE PET HAIRS OVER THE TREATMENT AREA?

A: For the glove light therapy to work most effectively, it is best to use device directly over bare skin. However, you may use the device to light the hairs, just the effect will be affected.

Troubleshooting

1. The device is not turning on.
 - a. Press the ON/OFF button for 2 seconds.
 - b. Connect the AC adaptor to charge for 2 hours more.
2. System shuts off automatically.
 - a. Connect the AC adaptor to charge for 2 hours more.
 - b. Allow device to cool down for several minutes, then attempt to turn on again.
3. Some lights appear not to be on.

The infrared (IR) light spectrum is not visible to the human eye. Therefore, these lights will look as if they are not on, but they are operating correctly.

Maintenance and Preservation

- 1) If the glove device breaks down, please check below “Troubleshooting Instructions”, or directly contact the seller. Do not disassemble or repair by yourself without permission.
- 2) Please use an alcohol base rub to clean and sterilize the contact surface of the device.
- 3) Please keep the device away from humidity, high temperature and direct exposure to sunlight.
- 4) Please do not place the glove device together with hard objects.
- 5) To maximize the life of the battery, please charge for at least 8 hours for the first three times.
- 6) Regardless of use, please charge the battery at least every 4 to 6 months, which is beneficial for battery maintenance.

Warranty

Glove LED light therapy device offers 1 year free warranty. Once it happens to any quality problem in this period, we will free send new parts or device for exchange. You just inform us of the product series number, short video or photos to point out the after-sales issue.

Warranty Card				
User name		Tel		Responsible person
Product name		Product model		Serial number
Date of purchase		Add		
The fault phenomenon				
Repair record				