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iKeener CLTH01-1

iKeener CLTH01-1 Cold Laser Therapy Device User Manual

Brand: iKeener | Model: CLTH01-1

1. Introduction

The iKeener CLTH01-1 is an advanced 3-in-1 cold laser therapy device designed for both animal and human use. It combines 650nm red light, 808nm infrared light, and gentle electrical pulses (NMES/TENS) to support muscle comfort, recovery, and skin health. This manual provides essential information for the safe and effective operation of your device.



Image 1: The iKeener CLTH01-1 device, protective goggles, and packaging.

2. Safety Information and Warnings

Please read all safety instructions carefully before using the device. Failure to do so may result in injury or device malfunction.

- **Eye Protection:** Always wear the provided protective goggles during operation to prevent direct exposure to laser light, which can be harmful to the eyes.
- **Consult a Professional:** Before using this device on animals, consult with a veterinarian to ensure it is appropriate for the specific condition and to determine the correct treatment parameters. For human use, consult a healthcare professional.
- **Device Placement:** Ensure the device is securely attached or held during use to prevent accidental drops or improper application.
- **Water and Moisture:** Keep the device away from water and moisture. Do not operate with wet hands.
- **Charging:** Use only the provided charging cable and adapter. Do not attempt to charge the device with damaged cables or in wet conditions.

- **Children and Pets:** Keep the device out of reach of children and unsupervised pets.
- **Legal Disclaimer:** Statements regarding dietary supplements and medical devices have not been evaluated by the FDA and are not intended to diagnose, treat, cure, or prevent any disease or health condition.

3. Product Overview and Components

The iKeener CLTH01-1 device is designed for ease of use and portability. It features a sleek design with an intuitive control panel.

Device Features:

- **Dual-Light Technology:** 12 x 650nm red laser diodes (surface penetration) and 4 x 808nm infrared laser diodes (deep tissue penetration).
- **NMES/TENS Functionality:** Gentle electrical pulses for muscle stimulation.
- **Adjustable Intensity:** 3 levels for NMES/TENS modes.
- **Timer Settings:** 4 preset timers (5, 10, 15, 20 minutes) with auto-shutoff.
- **Rechargeable Battery:** 2700mAh capacity for portable use.
- **LED Display:** Shows time and intensity settings.

Package Contents:

- iKeener CLTH01-1 Therapy Device
- Protective Goggles
- Unit Holder (silicone sleeve)
- 2 x Straps (for securing the device)
- Wipes Cloth
- USB Plug (charging adapter)
- USB Cable (Type-C)
- User's Manual



Image 2: All components included in the iKeener CLTH01-1 package.



Image 3: Front and back view of the device, highlighting the LED display, control buttons, laser diodes, and charging port.

4. Setup

4.1 Charging the Device

1. Locate the USB charging port on the device (typically at the base).
2. Connect the provided USB cable to the device and the USB plug.
3. Plug the USB adapter into a standard electrical outlet.
4. The LED display will indicate charging status. Ensure the device is fully charged before first use.

4.2 Preparing for Application

1. Insert the main unit into the white silicone unit holder. This holder provides a comfortable and secure fit against the body.
2. If securing the device to an animal's leg or other body part, thread the provided stretchy Velcro straps through the

designated slots on the unit holder.

3. Ensure the straps are securely fastened but not overly tight, allowing for comfort and proper circulation.



Image 4: Example of the device being secured to a horse's leg using the provided straps.

5. Operating Instructions

5.1 Basic Operation

1. **Wear Goggles:** Always wear the protective goggles before turning on the device.
2. **Power On/Off:** Press and hold the power button (typically marked with a circle and vertical line) for 3-5 seconds to turn the device on or off. The LED display will illuminate.
3. **Set Treatment Time:** Short press the "Time" button (clock icon) to cycle through the available preset timers (5, 10, 15, 20 minutes).
4. **Adjust Light Intensity:** Short press the "Light Therapy" button (sun icon) to choose the desired laser intensity level. There are 3 intensities available. It is recommended to start from intensity 1 and gradually increase as needed.
5. **Adjust NMES/TENS Intensity:** Short press the "NMES/TENS" button (lightning bolt icon) to set the intensity of the electrical pulses. There are 3 intensities. Start from intensity 1 and gradually increase. Ensure the surface of the NMES/TENS electrodes fit closely onto the skin.
6. **Application:** Place the device directly on the area requiring treatment. The device will emit red and infrared light.
7. **Auto-Shutoff:** The device will automatically turn off once the set treatment time is complete. A beep sound will indicate the end of the therapy.
8. **Storage:** After use, turn off the device, clean it, and store it in a safe, dry place away from water.



Image 5: The device being used on a human shoulder.



Image 6: The versatility of the device for use on different animals and humans.

6. Treatment Recommendations and Guidelines

The following are general guidelines. Always consult with a veterinarian or healthcare professional for specific treatment

plans tailored to individual needs.

Indication	Treatment Time	Frequency
Joint flexibility & mobility	15 minutes	Twice a day
Cartilage development	15 minutes	Twice a day
Acute soft tissue injury	20 minutes+	Twice a day
Knee arthritis	20 minutes+	Twice a day
Cervical osteoarthritis	20 minutes+	Twice a day
Laminitis, Nerve injuries	20 minutes+	Twice a day
Wounds Healing Bone	20 minutes+	Twice a day
Tendonitis, Arthritis, ligament lesions	20 minutes+	Twice a day
Injured muscles, Swelling/edema	20 minutes+	Twice a day
Fat Loss, Reduce Cellulite	20 minutes+	Twice a day
Enhances Muscle Strength, Endurance, and Recovery	20 minutes+	Twice a day
Fibromyalgia Syndrome and Chronic Fatigue	20 minutes+	Twice a day
Inflammation (and Potentially Inflammation-Related Diseases)	20 minutes+	Twice a day
Joint Pain, and All Kinds of Pain Relief	20 minutes+	Twice a day
Immunity Improvement	20 minutes+	Twice a day

Note: "+" indicates that the treatment time may need to be increased according to the actual situation and professional advice.

It is recommended to use the device several times per day until the problem improves. The usage time should be adjusted based on the individual's condition and response. Ensure the device is placed directly on the skin or as close as possible for optimal penetration of the light.

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Video 1: A short demonstration of the iKeener CLTH01-1 device being used on a horse's leg. This video illustrates the application method and the device's portability.

7. Maintenance

- **Cleaning:** After each use, gently wipe the device and goggles with the provided wipes cloth or a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.
- **Storage:** Store the device in its original packaging or a protective case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the device frequently. Charge it regularly, even if not in constant use.

8. Troubleshooting

Problem	Possible Cause	Solution
Device does not turn on	Low battery or device not charged	Charge the device fully using the provided charger. Ensure the charging indicator light is on.
No light emission	Device not powered on or light therapy mode not activated	Ensure the device is turned on and the "Light Therapy" button has been pressed to activate the lasers. Check battery level.
No NMES/TENS sensation	NMES/TENS mode not activated or poor skin contact	Ensure the "NMES/TENS" button has been pressed and the electrodes are in firm contact with the skin. Increase intensity level gradually.
Device shuts off unexpectedly	Battery low or treatment timer completed	Recharge the device. If the timer completed, this is normal operation.

9. Specifications

- **Product Name:** Upgraded 2-in-1 NMES/Cold Laser Therapy Device
- **Model Number:** CLTH01-1
- **Wavelengths:** 4 x 808nm (Infrared), 12 x 650nm (Red)
- **Cold Laser Therapy Modes:** 3
- **NMES Modes:** 3
- **Timing Settings:** 5 / 10 / 15 / 20 minutes
- **Battery:** 2700mAh
- **Adapter Output Voltage:** 5.0V / 2A
- **Product Dimensions:** 9.45 x 7.09 x 2.36 inches
- **Item Weight:** 1.75 Pounds
- **Manufacturer:** iKeener



Image 7: Visual representation of the device's key specifications.

10. Warranty and Support

For warranty information, technical support, or customer service inquiries, please refer to the contact information provided with your purchase or visit the official iKeener website. Please retain your proof of purchase for any warranty claims.

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