

## Astarexin X3

# Astarexin 72 LED Knee Wrap (Model X3)

## Instruction Manual

### 1. INTRODUCTION AND OVERVIEW

The Astarexin 72 LED Knee Wrap is a cordless, rechargeable device designed for red light therapy. It integrates 660nm red light and 850nm near-infrared light to provide targeted support for various body areas, including the knees, shoulders, and elbows. The device features 72 highly efficient 3-in-1 LED beads, an ergonomic 3D wrap-around design, a detachable controller, and a 3000mAh battery for portable use. The 660nm red light is intended to soothe skin and cells, while the 850nm infrared light offers a warming effect and energy impulse. This combination aims to support cellular metabolism, reduce discomfort, and maintain joint flexibility. The device is constructed from high-density ecological thermal fleece for improved heat retention.

### 2. PRODUCT FEATURES

- **Dual Wavelength Therapy:** Combines 660nm red light and 850nm near-infrared light for comprehensive support.
- **High-Efficiency LEDs:** Equipped with 72 3-in-1 LED beads for increased irradiation over a 12x12x4 cm<sup>2</sup> area.
- **Ergonomic 3D Design:** Wraps around the joint area for continuous light and energy from four angles.
- **Cordless and Rechargeable:** Features a portable, detachable controller with a 3000mAh large-capacity battery, offering 4-5 uses per charge.
- **User-Friendly Controls:** Simple button settings on the controller for adjusting intensity and timer.
- **Heat Retention:** Made with high-density ecological thermal fleece to generate and maintain stable warmth.
- **Multiple Applications:** Suitable for knees, elbows, and shoulders, with included extension straps for a wraparound length of up to 53 inches.

### 3. SETUP INSTRUCTIONS

1. **Unpack the Device:** Carefully remove the Astarexin 72 LED Knee Wrap, detachable controller, USB charging cable, and extension straps from the packaging.
2. **Charge the Controller:** Before first use, fully charge the detachable controller. Connect the provided USB charging cable to the controller's Type-C charging port and plug the other end into a 5V 2A charger (not included). The charging indicator will show progress. A full charge is recommended for optimal battery performance.
3. **Attach the Controller:** Once charged, align the magnetic contacts on the detachable controller with the corresponding contacts on the knee wrap. The controller will snap securely into place.
4. **Prepare the Knee Wrap:** If needed, attach the extension straps to the main knee wrap to achieve a comfortable and secure fit around the desired body part (knee, shoulder, or elbow).

## 4. OPERATING INSTRUCTIONS

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1. **Wear the Device:** Securely wrap the Astarexin 72 LED Knee Wrap around your knee, shoulder, or elbow. Ensure the LED side is facing your skin for direct contact. Use the Velcro straps to adjust for a snug, comfortable fit.
2. **Power On:** Press and hold the power button on the detachable controller to turn on the device. The display will illuminate.
3. **Select Mode:** Press the 'Mode' button (often represented by a circular arrow or similar icon) to cycle through different therapy modes (e.g., 660nm red light, 850nm near-infrared light, or a combination of both).
4. **Adjust Intensity:** Use the 'Intensity' button (often represented by a bar graph icon) to select your preferred power level (P1, P2, P3).
5. **Set Timer:** Press the 'Timer' button (often represented by a clock icon) to set the desired session duration (e.g., 10, 20, or 30 minutes). The device will automatically shut off after the set time.
6. **Power Off:** To turn off the device manually, press and hold the power button until the display turns off.

## 5. CHARGING INSTRUCTIONS

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The Astarexin 72 LED Knee Wrap features a detachable controller that houses the rechargeable 3000mAh battery. To charge:

1. **Detach Controller:** Gently pull the controller away from the knee wrap to detach it.
2. **Connect Charger:** Plug the provided USB Type-C charging cable into the charging port on the side of the controller.
3. **Power Source:** Connect the USB-A end of the cable to a compatible 5V 2A USB power adapter (not included) or a computer USB port.
4. **Monitor Charging:** The display on the controller will indicate charging status. Ensure the device is fully charged before its first use and whenever the battery is low to prolong battery life.



Image: Close-up of the detachable controller, highlighting the Type-C charging port and control buttons.

## 6. MAINTENANCE

- **Cleaning:** Disconnect the controller before cleaning. Wipe the knee wrap with a soft, damp cloth. Do not immerse the device in water or use harsh chemicals.
- **Storage:** Store the device in a cool, dry place away from direct sunlight. Use the provided carrying bag for protection when not in use or during travel.
- **Battery Care:** Fully charge the battery before long-term storage. Recharge periodically (e.g., every 3 months) if not used regularly to maintain battery health.

## 7. TROUBLESHOOTING

- **Device Not Turning On:**
  - Ensure the controller is fully charged.
  - Verify the controller is securely attached to the knee wrap.
  - Press and hold the power button for a few seconds to activate.
- **Lights Not Illuminating:**
  - Check if the device is powered on and the correct mode is selected.
  - Ensure the intensity level is not set to zero.
- **Battery Not Charging:**
  - Confirm the charging cable is properly connected to both the controller and the power source.
  - Ensure the power adapter is functioning correctly (use a 5V 2A adapter).
  - Try a different USB port or power adapter.
- **Discomfort During Use:**
  - Reduce the intensity level.
  - Ensure the device is not too tight.
  - Discontinue use if discomfort persists and consult a healthcare professional.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	X3
LED Count	72 (3-in-1 LEDs)
Wavelengths	660nm (Red Light) & 850nm (Near-Infrared Light)
Battery Capacity	3000mAh
Voltage	5 Volts
Frequency	10 Hz
Number of Settings	7 (including 3 intensity levels, 3 timer settings, and pulse mode)
Product Dimensions	10.63 x 4.7 x 0.5 inches
Item Weight	1.39 Pounds
Material Type	Carbon Fiber, Nylon, Plastic, High-density ecological thermal fleece
Color	Black

## 9. SAFETY INFORMATION

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- Do not use on damaged skin or open wounds.
- Avoid prolonged use, as it may cause burns or discomfort.
- Do not sleep while using the heating pad.
- Keep away from water, moisture, and flammable materials.
- Unplug the device when not in use.
- For external use only.
- Consult a healthcare professional before use if you have any health conditions or are pregnant.

## 10. PRODUCT IMAGES

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Image: The Astorexin 72 LED Knee Wrap in use on a person's knee, showing the illuminated red LEDs and the attached controller.



- 72 Upgraded Led Beads**  
Evenly distributed, expanding the treatment area.
- Tri-chip Led Combination**  
Containing 660nm+850nm, being adjusted in multiple modes.
- High Power--Up to 36W**  
Provide an effective experience with in the safe range.

Image: A detailed view of the 72 LED beads on the knee wrap, highlighting the red light therapy.

# Smart Wireless Controller

Rechargeable and easy to use



**Brightness Setting**  
P1/P2/P3



**Time Setting**  
10/20/30 Mins



**Turn On/off**  
10HZ Pulse Mode



**Mode switching**  
R= 660nm IR= 850nm RIR=660nm+850nm



Image: The Astarexin knee wrap adapted for use on a shoulder, demonstrating its versatility.

# Ergonomic 3D Surround Design

Perfectly fitting human joints



Ergonomic Design



Suitable for 3 parts

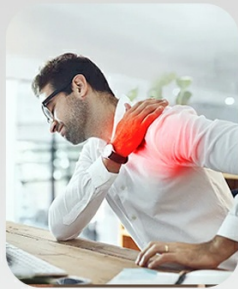


Image: Illustration of the ergonomic 3D surround design, showing how it perfectly fits human joints for comprehensive therapy.

## Why isn't there any vibration? ❌

Causing muscle fatigue and injury, exacerbating pain and inflammation; The friction generated by vibration may cause the skin to become red and itchy.

## Why isn't it wired? ❌

Get rid of the constraints of cables, move freely and freely, and have unlimited usage scenarios; Built in battery power, no need for sockets, enjoy red light care anytime, anywhere.



Image: A man comfortably using the red light therapy knee brace with its wireless controller while relaxing.

## Easy to Carry

Enhance your travel experience

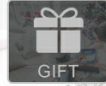


Image: The red light therapy knee wrap folded compactly, demonstrating its easy-to-carry design for travel.

## 11. OFFICIAL PRODUCT VIDEOS

Video: An official product video from Astarexin demonstrating the features and usage of the Wireless Red Light Therapy Knee Brace.

## 12. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the contact details provided in your product packaging or visit the official Astarexin website. Keep your purchase receipt for any warranty claims.