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› Lum-Tec M90 Automatic Watch Instruction Manual

Lum-Tec M90

Lum-Tec M90 Automatic Watch

INSTRUCTION MANUAL

Model: M90 | Brand: Lum-Tec

Introduction

Thank you for choosing the Lum-Tec M90 Automatic Watch. This manual provides essential information for the proper setup, operation, and maintenance of your timepiece. The M90 is a robust 44mm automatic watch, part of a limited edition series, designed for durability and precision.



Figure 1: Front view of the Lum-Tec M90 Automatic Watch, showcasing its black PVD case and luminous dial.

Key features of your Lum-Tec M90 include:

- **Durable Construction:** 44mm forged 316L stainless steel case with black PVD hard coating and anti-fingerprint finish, offering 600 meters of water resistance.
- **Precision Movement:** Swiss Sellita SW200-1 automatic movement with hacking and hand-winding features, adjusted in 6 positions for maximum accuracy.
- **Advanced Luminance:** Bead blasted matte black PVD dial with MDV luminous Technology X1 Swiss 208LE, providing high luminosity in vintage patina radium color.
- **High-Tech Features:** Domed sapphire crystal with military-grade double-sided AR coating, 120-click uni-directional luminous bezel, and Viton gaskets for enhanced durability.
- **Limited Edition:** Part of a numbered series of only 300 worldwide, with two strap options (leather and rubber).

Setup

1. **Unboxing:** Carefully remove the watch and its accessories from the packaging. Inspect for any visible damage.
2. **Initial Winding:** As an automatic watch, the M90 is powered by the motion of your wrist. For initial use or after a period of inactivity, manually wind the watch by turning the crown clockwise approximately 30-40 times while it is in the closed position. This builds up a power reserve.
3. **Setting the Time:**
 - Pull the crown out to the furthest position (position 3). The second hand will stop (hacking feature).
 - Turn the crown to set the hour and minute hands. Ensure you set the correct AM/PM for the date change.
 - Once set, push the crown back into the closed position (position 1).
4. **Setting the Date:**
 - Pull the crown out to the middle position (position 2).
 - Turn the crown clockwise or counter-clockwise (depending on the movement) to adjust the date. Avoid setting the date between 9 PM and 3 AM, as this can damage the movement.
 - Once set, push the crown back into the closed position (position 1).
5. **Securing the Crown:** For water resistance, ensure the screw-down crown is fully tightened after setting the time or date. Gently push the crown in and turn it clockwise until it is securely fastened against the case.

Operating Your Watch

The Lum-Tec M90 is designed for robust performance and ease of use.



Figure 2: The Lum-Tec M90 watch worn on a wrist, demonstrating its size and fit.

- **Wearing the Watch:** Wear the watch regularly to keep the automatic movement powered. If worn daily, manual

winding should not be necessary after the initial setup.

- **Uni-directional Bezel:** The 120-click uni-directional bezel can be used to measure elapsed time. Rotate the bezel counter-clockwise to align the triangle marker with the minute hand. As time passes, the minute hand will indicate the elapsed time against the bezel's markings. This is useful for timing dives or other activities.
- **Water Resistance (600 Meters / 2000 Feet):** The M90 is highly water-resistant. Ensure the crown is fully screwed down before any exposure to water. While designed for diving, avoid operating the crown or pushers (if any) underwater. After exposure to saltwater, rinse the watch with fresh water and dry it thoroughly.
- **Luminosity:** The MDV luminous Technology X1 Swiss 208LE on the dial and hands provides excellent visibility in low-light conditions. Exposure to light will charge the luminous material.



Figure 3: The Lum-Tec M90 dial glowing in low light, demonstrating the MDV luminous technology.

Maintenance and Care

Proper care will ensure the longevity and performance of your Lum-Tec M90 watch.

- **Cleaning:** Wipe the watch case and crystal with a soft, lint-free cloth. For more thorough cleaning, especially after water exposure, use a mild soap solution and a soft brush, then rinse with fresh water and dry completely.
- **Strap Care:**
 - *Leather Straps:* Avoid prolonged exposure to water, direct sunlight, and extreme temperatures. Clean with a damp cloth and allow to air dry. Condition periodically with a leather conditioner.
 - *Rubber Straps:* Can be cleaned with soap and water. They are more resistant to water and sweat but should still be rinsed after heavy use.
- **Storage:** When not wearing the watch, store it in a cool, dry place away from direct sunlight and strong magnetic fields. A watch winder can be used to keep the automatic movement running if the watch is not worn for extended periods.
- **Service:** Automatic watches benefit from periodic servicing to maintain accuracy and water resistance. Lum-Tec

offers lifetime free timing adjustment and seal cleaning for your M90. It is recommended to utilize this service every 3-5 years or if you notice significant changes in performance.



Figure 4: View of the watch's case back, revealing the Swiss automatic movement.

Troubleshooting

If you encounter issues with your Lum-Tec M90, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Watch has stopped or is running slow.	Insufficient power reserve.	Manually wind the watch by turning the crown clockwise 30-40 times. Wear the watch regularly to keep it wound.
Date changes at noon instead of midnight.	Time is set to PM instead of AM.	Advance the hour hand by 12 hours.
Condensation under the crystal.	Temperature change or compromised water resistance.	Contact Lum-Tec service immediately. Do not attempt to open the watch.
Bezel is stiff or difficult to turn.	Dirt or debris lodged under the bezel.	Rinse the bezel under running fresh water while rotating it. If the issue persists, contact service.

For issues not listed here or if solutions do not resolve the problem, please contact Lum-Tec customer support.

Specifications

Feature	Detail
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Feature	Detail
Model Number	M90
Case Material	44mm Forged 316L Stainless Steel with Black PVD Hard Coating and Anti-fingerprint Finish
Movement	Swiss Sellita SW200-1 Automatic, adjusted in 6 positions
Water Resistance	600 Meters (2000 Feet)
Crystal	Domed Sapphire with Military-Grade Double-Sided AR Coating
Bezel	120-Click Uni-directional Luminous Bezel
Dial	Bead Blasted Matte Black PVD with MDV Luminous Technology X1 Swiss 208LE
Gaskets	Viton Gaskets
Clasp Type	Buckle
Edition	Numbered Series, Limited to 300 Worldwide

Warranty and Support

Your Lum-Tec M90 Automatic Watch is backed by a comprehensive warranty and support program.

- **2-Year Limited Warranty:** The watch comes with a 2-year limited warranty covering manufacturing defects. Please retain your proof of purchase.
- **Lifetime Free Timing Adjustment and Seal Cleaning:** Lum-Tec provides lifetime free timing adjustment and seal cleaning services for your M90. This service helps maintain the watch's accuracy and water resistance over time. Contact Lum-Tec directly to arrange for these services.
- **Customer Support:** For any questions, service requests, or warranty claims, please visit the official Lum-Tec website or contact their customer support department.

