Newcon Optik LRM 2200SI

Newcon Optik LRM 2200SI 7x25 Rangefinder Monocular

USER MANUAL

1. Introduction

Thank you for choosing the Newcon Optik LRM 2200SI 7x25 Rangefinder Monocular. This device is designed for precise distance measurement and observation, offering 7x magnification and a 25mm objective lens. Please read this manual carefully before operating the device to ensure proper use and to maximize its lifespan.

Safety Information

- Do not look directly at the sun or any bright light source through the monocular, as this can cause permanent eye damage.
- Keep the device away from extreme temperatures, humidity, and direct sunlight.
- Avoid dropping or subjecting the device to severe impacts.
- Do not attempt to disassemble or repair the device yourself. Refer to qualified service personnel.

2. Setup

2.1 Battery Installation

The LRM 2200SI requires batteries for operation. Locate the battery compartment, typically on the underside or side of the device. Insert the required batteries, ensuring correct polarity as indicated inside the compartment. Close the compartment securely.

2.2 Initial Inspection and Focus Adjustment

Before first use, inspect the device for any visible damage. To adjust the focus, look through the eyepiece and rotate the diopter adjustment ring (if present) or the main focus ring until the image appears clear and sharp.

Figure 1: Newcon Optik LRM 2200SI 7x25 Rangefinder Monocular. This image shows the grey monocular with its two front lenses, the eyepiece on the right, and the two control buttons ('MODE' and 'ACTION') on the top surface.

3. Operating Instructions

3.1 Powering On and Off

Press the 'ACTION' button briefly to power on the device. The display inside the viewfinder will illuminate. The device typically powers off automatically after a period of inactivity to conserve battery life.

3.2 Taking a Measurement

1. Aim the monocular at the target you wish to measure.
2. Press the 'ACTION' button. The device will emit a laser pulse and calculate the distance.
3. The measured distance will be displayed in the viewfinder. For stable readings, especially at longer distances (e.g., beyond 1800 meters), using a tripod is recommended to minimize hand shake.

3.3 Changing Measurement Modes

Press the 'MODE' button to cycle through available measurement modes. These may include standard distance, scan mode, or other specialized functions depending on the specific firmware version. Refer to the on-screen indicators for the active mode.

3.4 Understanding the Display

The LRM 2200SI displays measurement readings directly within the monocular's viewfinder. The numbers are typically black. In low-light conditions, reading the display may be challenging due to the lack of internal illumination. Plan your usage accordingly or use an external light source if necessary for night operation.

4. Maintenance

4.1 Cleaning the Lenses

Use a soft, lint-free cloth specifically designed for optical lenses to clean the objective and eyepiece lenses. Gently wipe away dust or smudges. For stubborn marks, a small amount of lens cleaning fluid can be applied to the cloth, not directly to the lens.

4.2 Cleaning the Body

Wipe the body of the monocular with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the rubberized coating or finish.

4.3 Storage

When not in use, store the LRM 2200SI in its protective case in a cool, dry place, away from direct sunlight and extreme temperatures. If storing for extended periods, remove the batteries to prevent leakage.

5. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Dead or incorrectly installed batteries.	Check battery polarity; replace batteries.
Cannot get a distance reading.	Target too close/far, obstruction, or unstable aim.	Ensure target is within range; clear line of sight; use a tripod for stability.
Display is dim or unreadable at night.	Lack of internal display illumination.	This is a characteristic of the device. Use external light or operate in sufficient ambient light.
Image is blurry.	Focus not adjusted.	Adjust the focus ring on the eyepiece until the image is clear.

6. Specifications

Feature	Detail
Model	LRM 2200SI
Magnification	7x
Objective Lens Diameter	25mm
Product Dimensions	16.76 x 16.51 x 10.41 cm
Item Weight	748 g (1.65 Pounds)

Feature	Detail
International Protection Rating	IP54
Batteries Included?	No
UPC	627973517375
Date First Available	Feb. 11 2016

7. Warranty and Support

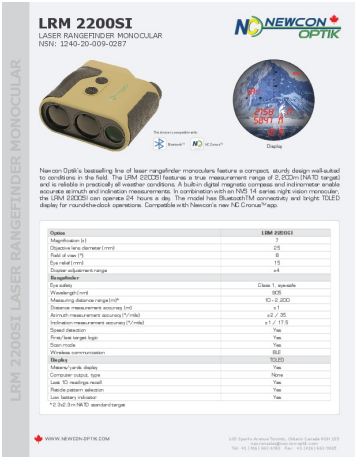
For information regarding warranty coverage, technical support, or service, please refer to the official Newcon Optik website or contact their customer service department directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Related Documents - LRM 2200SI

	Potter LRM Solenoid Kit: Advanced Leak Rate Monitor Solenoid Kit Information on the Potter LRM Solenoid Kit, an advanced leak rate monitor solenoid kit designed for use with the IntelliCheck Advanced Leak Rate Monitor for sprinkler systems utilizing dedicated air compressors or nitrogen generators. Includes features, description, technical specifications, and installation instructions.
	Newcon Optik DN-140M Night Vision Rifle Scope Operation Manual Comprehensive operation manual for the Newcon Optik DN-140M Night Vision Rifle Scope, covering specifications, operation, troubleshooting, and warranty information.
	Leica Geovid Pro Afstandsmåler Kikkert - Brugermanual Omfattende brugermanual for Leica Geovid Pro afstandsmålerkikkert. Dækker opsætning, betjening, funktioner, sikkerhed, ballistik, app-integration og tekniske specifikationer.

	[SWAROVSKI OPTIK tM 35 Bedienungsanleitung] Umfassende Bedienungsanleitung für das SWAROVSKI OPTIK tM 35 Wärmebildgerät, einschließlich Einrichtung, Bedienung, Wartung und Sicherheitshinweisen.
	[Swarovski EL Range Binoculars with Tracking Assistant - Precision Optics] Detailed information on the Swarovski EL Range binoculars, featuring advanced SWAROVISION technology, integrated rangefinder, and the innovative Tracking Assistant for enhanced hunting precision. Includes specifications, features, and usage guides.
	[AX VISIO Benutzerhandbuch: Ihr Leitfaden von Swarovski Optik] Entdecken Sie das Swarovski Optik AX VISIO mit diesem umfassenden Benutzerhandbuch. Erfahren Sie alles über Funktionen, Bedienung, Wartung und Fehlerbehebung für Ihr hochwertiges optisches Gerät.

Documents - Newcon Optik – LRM 2200SI



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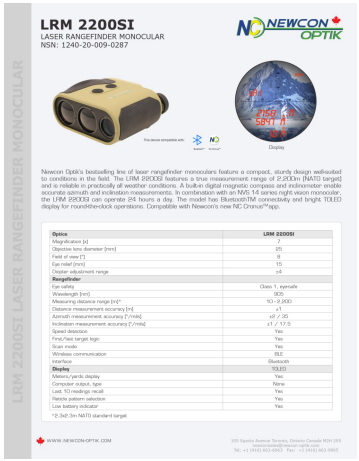

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