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> Mares Nemo Wide 2 Dive Computer Wrist Watch User Manual

Mares Nemo Wide 2

Mares Nemo Wide 2 Dive Computer User Manual

Model: Nemo Wide 2

INTRODUCTION

The Mares Nemo Wide 2 is a wrist-mounted dive computer designed for recreational and technical divers. It features a large, high-contrast display for easy readability, supporting Air, Nitrox, and Bottom Timer modes. This manual provides essential information for the proper setup, operation, and maintenance of your Nemo Wide 2 dive computer.



Figure 1: The Mares Nemo Wide 2 Dive Computer. The display shows current depth (25.8), maximum depth (33.2), no-decompression limit (12 minutes), dive time (24 minutes), and water temperature (19°C). The device has four buttons for navigation and settings.

KEY FEATURES

- **Wide, High-Contrast Display:** Large digits and a 170-degree viewing angle for optimal readability.
- **Multiple Gas Support:** New Nitrox function allows for three different gas mixtures during a single dive.
- **User-Friendly Interface:** Four buttons provide easy access and simple operation.
- **Upgradeable Software:** Ensures your computer stays current with the latest features.
- **Mares-Wienke RGBM Algorithm:** Advanced decompression algorithm for dive safety.
- **Safety Features:** Includes deep stops and safety stop functions, precautionary programmable alarms.
- **User Replaceable Battery:** Allows for convenient battery changes.
- **Durable Construction:** Features a mineral glass lens and a hypoallergenic rubber strap.
- **Altitude Adjustable:** Adapts to different diving environments.
- **Logbook Function:** Records dive data for post-dive analysis.
- **Depth Rating:** Rated for depths up to 492 feet (150 meters).
- **Additional Displays:** Includes calendar and temperature displays.

SETUP

1. Initial Activation

The Nemo Wide 2 typically activates automatically upon descent into water. For initial setup or manual activation, refer to the detailed instructions in the full user manual.

2. Battery Installation/Replacement

The Nemo Wide 2 features a user-replaceable battery. When the battery indicator shows low power, replace the battery promptly to ensure continuous operation. Use only the specified battery type. Ensure the O-ring is clean and properly seated before closing the battery compartment to maintain water integrity.

3. Basic Settings Configuration

Before your first dive, configure essential settings:

- **Time and Date:** Set the current time and date.
- **Units:** Select preferred units (e.g., meters/feet, Celsius/Fahrenheit).
- **Water Type:** Specify fresh or salt water for accurate depth readings.
- **Nitrox Settings (if applicable):** If diving with Nitrox, set the oxygen percentage (EAN) for each gas mixture you plan to use. The computer supports up to three different gas mixtures.
- **Alarms:** Configure audible alarms for depth, dive time, and ascent rate as desired.

Navigate through the menus using the four buttons. The "Enter" button typically confirms selections, while "Esc" allows you to go back or exit a menu.

OPERATING MODES

The Mares Nemo Wide 2 offers three primary operating modes:

- **Air Mode:** For diving with standard air.
- **Nitrox Mode:** For diving with enriched air nitrox. Allows setting up to three different gas mixtures. Ensure the correct oxygen percentage (EAN) is set before each Nitrox dive.
- **Bottom Timer Mode:** Functions as a digital depth gauge and timer, without decompression calculations. This mode is useful for technical dives or when following a dive plan independent of the computer's decompression model. It includes a stopwatch function.

During the Dive

The computer automatically switches to dive mode upon reaching a certain depth. Key information displayed includes current depth, maximum depth, no-decompression limit (NDL), dive time, and temperature. Pay attention to visual and audible alarms for ascent rate, decompression stops, and no-decompression limits.

Post-Dive

After a dive, the computer will display surface interval time and allow access to the logbook. The logbook stores detailed information about your dives, which can be reviewed directly on the device.

MAINTENANCE

- **Rinsing:** After each dive, rinse the computer thoroughly with fresh water to remove salt, sand, and other debris.
- **Drying:** Allow the computer to air dry completely before storage.
- **Battery Compartment:** When replacing the battery, inspect the O-ring for any signs of damage or dirt. Lubricate the O-ring with silicone grease if necessary and ensure it is correctly seated to maintain the waterproof seal.
- **Storage:** Store the computer in a cool, dry place away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check the strap and casing for any signs of wear or damage.

TROUBLESHOOTING

- **Display Not Activating:** Ensure the battery is correctly installed and charged. If the issue persists, replace the battery.
- **Inaccurate Readings:** Verify that the water type (fresh/salt) and altitude settings are correct. If readings remain inconsistent, consult the full user manual or a Mares service center.
- **Audible Alarms Not Heard:** While the computer has audible alarms, their effectiveness can be reduced by hoods or ambient noise. Always rely on visual cues on the display.
- **Data Download Issues:** To download dive data to a computer, the proprietary Mares Drak interface cable is required (sold separately). Ensure the cable is properly connected and compatible software is used.
- **Difficulty with Settings:** The menu navigation may require familiarity. Refer to the detailed instructions in the complete user manual for specific setting adjustments.

For more complex issues, refer to the comprehensive user manual available on the Mares website or contact Mares customer support.

SPECIFICATIONS

Feature	Specification
Brand	Mares
Model	Nemo Wide 2
Material	Glass, Rubber
Dimensions (L x W x H)	6 x 5 x 5 inches (approximate)
Weight	13.4 Ounces (approximate)

Feature	Specification
Depth Rating	492 feet (150 meters)
Operating Modes	Air, Nitrox, Bottom Timer
Gas Mixtures	Up to 3 Nitrox mixtures
Algorithm	Mares-Wienke RGBM
Battery	User replaceable
Display	Wide, high-contrast LCD with backlighting

What's in the Box

- Mares Nemo Wide Dive Computer

Note: Interface cable for data download is sold separately.

WARRANTY AND SUPPORT

For detailed warranty information, product registration, and technical support, please visit the official Mares website or contact your authorized Mares dealer. Keep your proof of purchase for warranty claims.

Mares Official Website: www.mares.com