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Mares 414129

Mares Smart Wrist Dive Computer

Instruction Manual

Introduction Setup Operation Maintenance Troubleshooting Specifications Support

1. Introduction

The Mares Smart Wrist Dive Computer is an ergonomic, watch-style accessory designed for both recreational and technical diving. It offers multiple modes and features to enhance your underwater experience and ensure safety.

Figure 1: Mares Smart Wrist Dive Computer

Key Features:

- **Nitrox Capability:** Supports dual gas for optimized decompression times (up to 99% oxygen).
- **Clear Display:** Mineral glass display with a segmented design for sharp visibility.
- **Multimode Functionality:** Includes bottom timer with resettable average depth, stopwatch, and a dedicated freediving mode with alarms.

- **User-Friendly Controls:** Intuitive side buttons for easy adjustments of data.
- **Data Management:** Logbook data downloads and firmware upgradability via Mares Dive Organizer Program and Dive Link 2 USB interface or Bluelink Pro for Bluetooth.

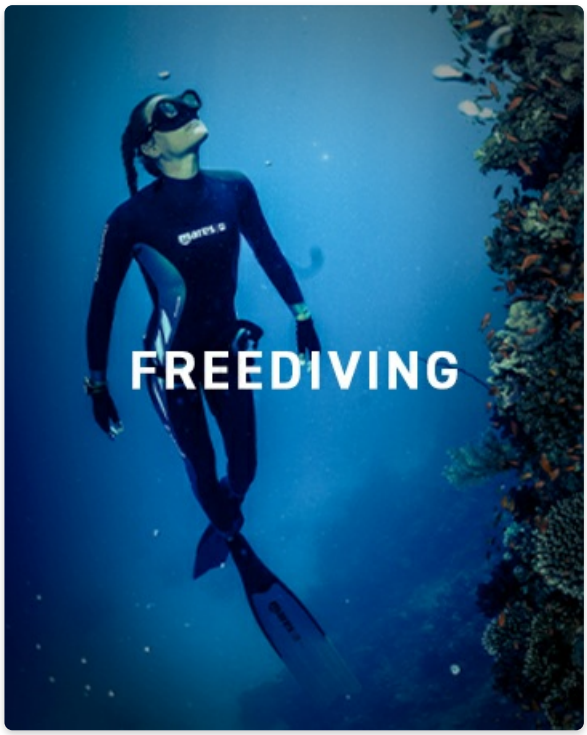

Figure 2: Mares Smart Dive Computer Overview

2. Setup

2.1 Initial Activation

Upon first use or after a prolonged period of inactivity, the computer may be in sleep mode. Press any button to activate the display.

2.2 Basic Settings

Navigate through the settings menu using the side buttons to configure the following:

- **Time and Date:** Set the current time and date.
- **Units:** Select preferred units (metric/imperial) for depth, temperature, etc.
- **Water Type:** Choose between fresh or salt water for accurate depth calculations.
- **Alarms:** Customize audible and visual alarms for depth, dive time, ascent rate, and decompression limits.

2.3 Nitrox Settings

If diving with Nitrox, ensure the correct oxygen percentage (FO2) is set before each dive. The Mares Smart supports dual gas capability, allowing for two different Nitrox mixes to be pre-set and switched during the dive.

1. Enter the Nitrox settings menu.
2. Adjust FO2 for Gas 1 (up to 99%).
3. If using, adjust FO2 for Gas 2.

4. Confirm settings before diving.

Figure 3: Key Features of Mares Smart Dive Computer

3. Operating the Dive Computer

The Mares Smart Dive Computer features an intuitive interface with two side buttons for navigation and selection.

3.1 Dive Modes

The computer offers several operational modes:

- **Air Mode:** For diving with standard air.
- **Nitrox Mode:** For diving with oxygen-enriched air.
- **Bottom Timer Mode:** Measures dive time and average depth without decompression calculations.
- **Freediving Mode:** Optimized for apnea, with specific alarms and data display.

3.2 Pre-Dive Planning

Before each dive, utilize the pre-dive planning function to simulate dives based on your gas mix, maximum depth, and bottom time. This helps in understanding potential decompression obligations.

3.3 During the Dive

The display provides real-time information including current depth, maximum depth, dive time, no-decompression limit (NDL), ascent rate, and temperature. Alarms will activate if critical limits are approached or exceeded.

3.4 Post-Dive Review

After surfacing, the computer will display surface interval time and no-fly time. All dive data is stored in the logbook and can be reviewed on the device or downloaded to a computer.

Figure 4: Additional Features

3.5 Video Demonstration (Mares Puck 4 - Similar Model)

The following video demonstrates the features and operation of the Mares Puck 4 dive computer, which shares similar operational principles with the Mares Smart. Please note that specific features or button layouts may vary slightly.

Video 1: Mares Puck 4 Wrist Dive Computer Overview. This video provides a general demonstration of a Mares watch-

style dive computer, which may offer insights into the operation of the Mares Smart model.

4. Maintenance

Proper maintenance ensures the longevity and accuracy of your Mares Smart Dive Computer.

4.1 Rinsing

After each dive, rinse the computer thoroughly with fresh water to remove salt, sand, and other debris. Ensure all buttons are pressed multiple times during rinsing to flush out any trapped particles.

4.2 Drying and Storage

Dry the computer completely before storage. Store it in a cool, dry place away from direct sunlight and extreme temperatures. Avoid storing it in airtight containers when wet.

4.3 Battery Replacement

The Mares Smart uses a user-replaceable battery. Refer to the detailed instructions in the full user manual for the correct battery type and replacement procedure. It is recommended to have battery replacement performed by an authorized Mares service center to ensure water integrity.

4.4 Firmware Updates

Regularly check for and install firmware updates to ensure your device has the latest features and performance enhancements. Updates can be performed using the Mares Dive Organizer Program and Dive Link 2 USB interface or via Bluetooth with Bluelink Pro.

5. Troubleshooting

If you encounter issues with your Mares Smart Dive Computer, refer to the following common solutions:

- **Display Not Responding:** Ensure the device is not in sleep mode. Press any button to wake it up. Check battery level.
- **Inaccurate Depth/Time:** Verify that the water type (fresh/salt) is correctly set. Ensure the device is properly submerged for dive recording to begin.
- **Connectivity Issues (Data Download):** Ensure the Dive Link 2 USB interface or Bluelink Pro is correctly connected and drivers are installed. Restart both the computer and the dive computer.
- **Alarms Not Functioning:** Check alarm settings in the menu to ensure they are enabled and configured to desired limits.

For persistent issues or problems not listed here, contact Mares customer support or an authorized service center.

6. Specifications

Feature	Detail
Brand	Mares
Model Number	414129

Feature	Detail
Material	Glass (Mineral Glass Display)
Item Dimensions (L x W x H)	6 x 6 x 6 inches
Item Weight	0.41 Kilograms
UPC	685239703160, 792460250452
Color	Black
Suggested Users	Unisex-adult
Included Components	Scuba Computer
Model Year	2016

7. Warranty and Support

7.1 Warranty Information

Mares products are covered by a limited warranty against defects in materials and workmanship. The specific terms and duration of the warranty may vary by region and product. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, service, or warranty inquiries, please contact Mares customer support through their official website or an authorized Mares dealer. You can also utilize the Mares Dive Organizer Program for software-related support and updates.

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Related Documents - 414129

	Mares Puck 4 Dive Computer Instruction Manual This comprehensive instruction manual guides users through the features, operation, and maintenance of the Mares Puck 4 Dive Computer. It covers diving modes, settings, alarms, multi-gas capabilities, bottom timer mode, technical specifications, care instructions, warranty, and disposal.

	[Mares QUAD 2 Dive Computer Instruction Manual] Comprehensive instruction manual for the Mares QUAD 2 Dive Computer, covering its features, operation, settings, and safety guidelines for diving.
	[Mares Matrix Dive Computer Instruction Manual - Features, Operation, and Maintenance] Comprehensive instruction manual for the Mares Matrix Dive Computer. Learn about its features, operating modes, settings, dive planning, safety alarms, and maintenance.
	[Mares Smart Dive Computer Instruction Manual - User Guide] Comprehensive instruction manual and user guide for the Mares Smart Dive Computer, covering features, operation, maintenance, and safety guidelines.
	[Mares Nemo Wide Dive Computer User Guide] Comprehensive user guide for the Mares Nemo Wide Dive Computer, detailing its features, settings, dive modes (Air, EAN, Bottom Time), safety procedures, responsible diving practices, maintenance, technical specifications, and troubleshooting FAQs.
	[Mares Quad Ci Color Dive Computer Instruction Manual] This instruction manual provides comprehensive guidance on operating the Mares Quad Ci Color Dive Computer, covering its features, functions, safety warnings, and maintenance for divers.

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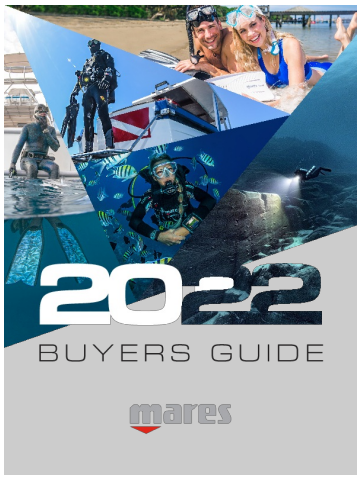

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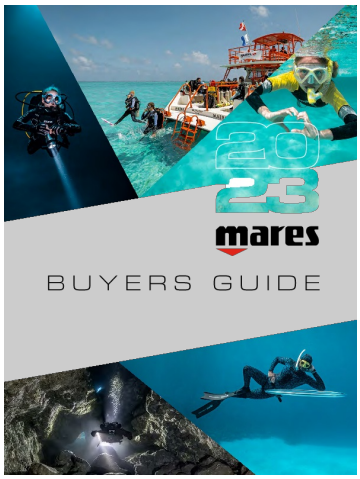

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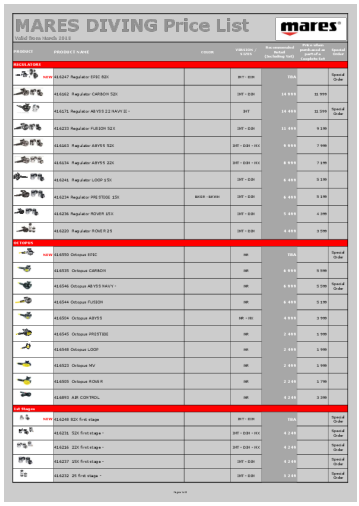

[pdf] Price List

Juanita Odendaal MARES DIVING Price List 4PRO Valid from March 2018 NEW 414169 Dive Computer QUAD AIR BKBK 9 999 7 415173 Matrix Smart Display Protection Pack 2 pcs mares diving price list aquadivers 4pro cdn eb10b |||

MARES DIVING Price List Valid from March 2018 PRODUCT PRODUCT NAME COLOR VERSION / SIZES REGULA ... 999 4 799 414166 Dive Computer MATRIX 414167 Dive Computer MATRIX White 414134 Dive Computer QUAD **414129** Dive Computer SMART 414135 Dive Computer PUCK PRO 414163 Dive Computer PUCK AIR Compass Sou...

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Instrukcja obsługi Mares Smart komputer nurkowy czarny czerwony 414129 BKRD od PLN 1217 80 2025 Porównanie cen Cenowarka Polska fbd963f9c320d7013e8c74414bf1351f1f32 gzhls at blob ldb 7 d 8 |||

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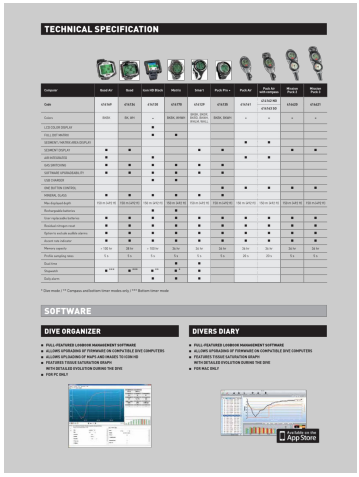

[pdf] Specifications

Computers technical specifications TECHNICAL SPECIFICATION SOFTWARE eng mares specs computerstechnical cache tradeinn images especificaciones

TECHNICAL SPECIFICATION Computer Quad Air Quad Icon HD Black Matrix Smart Puck Pro Puck Air ... USB CHARGER ONE BUTTON CONTROL MINERAL GLASS BKBK 414134 BK, WH 414130 414170 **414129** 414135 BKBK, WHWH BKBK, BKGR, BKRD, BKWH, WHLM, WHLL BKBK, BKWH ...

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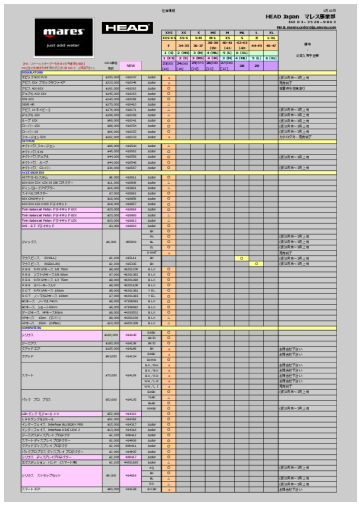

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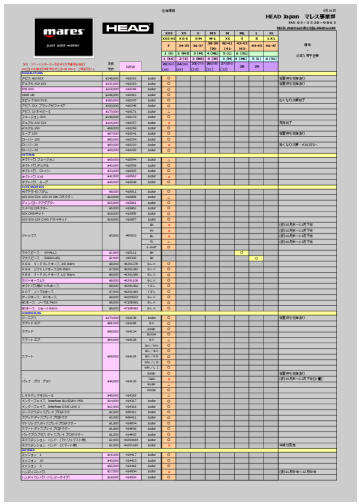

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