

[Manuals.plus](#) /

› [Oceanic](#) /

› Oceanic VTX Scuba Diving Computer User Manual

Oceanic VTX

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Model: VTX (Part Number: 04-6271)

INTRODUCTION

The Oceanic VTX Scuba Diving Computer is designed to provide a simpler, more useful, and enjoyable diving experience. This system features a clear structure and an intuitive interface, focusing on essential dive data. Unnecessary elements have been removed to enhance focus on critical information during your dive. The VTX aims to present the information you need, precisely when you need it, ensuring ease of use from the first interaction.



Image: The Oceanic VTX Scuba Diving Computer worn on a diver's wrist, showing its full-color OLED display with various dive parameters.

KEY FEATURES

- **Ultra-bright High Contrast Full Color OLED Display:** Provides intuitive color identification for critical dive data, ensuring readability in various conditions.
- **Bluetooth Connectivity:** Enables wireless transfer of dive profiles and computer settings to compatible devices.
- **Dual Algorithm:** Allows selection of the decompression algorithm that best suits individual diving needs while maintaining safety standards.
- **3-Axis Digital Compass:** Features full tilt compensation for accurate underwater navigation.
- **Nitrox Compatibility:** Supports up to 4 Nitrox mixes, each with individual PO2 set points.
- **Safety Stop and Deep Stop Functions:** Includes automatic safety stop countdown and optional deep stop with countdown timer.
- **Intuitive Push Button Menu Interface:** Features a "Step Back" function for easy settings preview and edits.
- **User Replaceable Battery:** Offers 30-40 dive hours per battery, with data retention between changes.

- **Included Accessories:** Comes with a download cable and a foam carry case.

SETUP

1. Battery Installation

The VTX uses a user-replaceable battery. Refer to the battery compartment cover for specific instructions on opening and closing to ensure a watertight seal. Always use the recommended battery type and ensure proper polarity during installation. Data retention ensures settings and calculations are maintained even when the battery is changed.

2. Initial Power-On and Basic Settings

Upon first power-on or after a battery change, the computer may prompt you to set basic parameters such as time, date, and measurement units (imperial/metric). Use the push buttons (MODE, ADV, SELECT) to navigate the menu and adjust settings. The intuitive menu interface allows for easy configuration.



Image: The VTX display showing the 'NORM MENU', which is used for initial setup and configuration of dive parameters.

3. Bluetooth Pairing

To transfer dive profiles and settings wirelessly, enable Bluetooth on your VTX and pair it with your compatible device (e.g., smartphone, tablet) using the Oceanic app. Follow the on-screen prompts on both devices to complete the pairing process.

4. Pre-Dive Checks

Before each dive, ensure the battery level is sufficient, all settings (e.g., Nitrox mixes, PO2 set points) are correctly configured for the planned dive, and the display is functioning properly.

OPERATING INSTRUCTIONS

1. Display Overview

The VTX features an ultra-bright, full-color OLED display. Critical dive data is presented with intuitive color identification. Key information typically includes current depth, no-decompression limit (NDC), elapsed dive time (EDT), gas pressure (PSI/BAR), and gas time remaining (GTR).



Image: The VTX display indicating a 'SAFETY STOP' at 19 feet, along with gas pressure and other dive data.



Image: The VTX display showing current depth (104 ft), No Decompression Limit (NDC), Elapsed Dive Time (EDT), Gas 1 pressure (1750 PSI), and Gas Time Remaining (GTR).

2. Navigation and Menu System

The VTX uses a three-button interface: MODE, ADV (Advance), and SELECT. Pressing MODE typically cycles through main screens or enters the main menu. ADV is used to scroll through options or advance values. SELECT confirms selections or enters sub-menus. The "Step Back" feature allows for easy return to previous menus or screens.

3. Dive Modes and Algorithms

The VTX supports various dive modes. It is powered by a Dual Algorithm, allowing you to choose the decompression algorithm that best suits your diving needs. Consult the full technical manual for detailed information on algorithm selection and its implications for dive planning.

4. Nitrox Settings

The computer can be configured for up to 4 Nitrox mixes. Each mix can have individual PO₂ set points. Ensure these settings are accurately entered and verified before any Nitrox dive.

5. Safety and Deep Stops

The VTX automatically initiates a safety stop countdown when required. An optional deep stop feature with a countdown timer can also be enabled for additional safety during deeper dives.

6. Digital Compass

The integrated 3-axis digital compass provides full tilt compensation, offering accurate directional information underwater. Access the compass display through the main menu or a dedicated button press, depending on configuration.



Image: The VTX display showing the digital compass function, indicating a heading of 280 degrees (West-Northwest).

7. Metric Display

The VTX can display measurements in metric units (meters, bar) as well as imperial units (feet, PSI), configurable in the settings menu.



Image: The VTX display showing current depth (24.6 meters), No Decompression Limit (NDC), Elapsed Dive Time (EDT), Gas 1 pressure (175 BAR), and Gas Time Remaining (GTR) in metric units.

MAINTENANCE

1. Battery Replacement

Replace the battery when the low battery indicator appears or before extended periods of non-use. Always use a fresh, high-quality battery of the specified type. Ensure the O-ring is clean, properly seated, and lubricated, and the

battery cover is securely fastened to maintain water integrity.

2. Cleaning and Care

After each dive, rinse the VTX thoroughly with fresh water to remove salt, sand, and other debris. Allow it to air dry completely before storage. Avoid using harsh chemicals or abrasive materials for cleaning. Periodically inspect the wrist strap and housing for any signs of wear or damage.

3. Storage

Store the VTX in a cool, dry place away from direct sunlight and extreme temperatures. The included foam carry case provides protection during transport and storage. If storing for an extended period, consider removing the battery to prevent leakage.

4. Data Management

Regularly download your dive profiles using the provided download cable and Bluetooth connectivity. This allows for detailed analysis of your dives and ensures your dive log is up-to-date.

TROUBLESHOOTING

- **Display Not Turning On:** Check battery level and ensure it is correctly installed. If the issue persists, replace the battery with a new one.
- **Inaccurate Readings:** Ensure the computer is properly calibrated and that no external factors (e.g., strong magnetic fields for compass) are interfering. If readings are consistently inaccurate, contact customer support.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both the VTX and your paired device. Try restarting both devices and re-attempting the pairing process.
- **Water Leakage:** If you suspect water ingress, immediately rinse the computer with fresh water and allow it to dry. Do not attempt to open the sealed unit beyond the user-replaceable battery compartment. Contact customer support for inspection and repair.
- **Buttons Unresponsive:** Ensure no debris is lodged around the buttons. If buttons remain unresponsive, contact customer support.

SPECIFICATIONS

Brand	Oceanic
Model Number	04-6271
Material	Durable plastic or metal
Item Dimensions (L x W x H)	8.5 x 6 x 3.25 inches
Item Weight	1.5 Pounds
UPC / GTIN	020545089735
Display Type	Ultra-bright High Contrast Full Color OLED
Battery Life	30-40 dive hours (user replaceable)
Connectivity	Bluetooth
Algorithms	Dual Algorithm

WARRANTY AND SUPPORT

For information regarding product warranty, service, or technical support, please refer to the official Oceanic website or contact your authorized Oceanic dealer. Keep your proof of purchase for warranty claims.

Manufacturer: Oceanic

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