

OCEANIC®

GEO- Wristwatch PDC

Sporty-licious. The GEO is a powerful and versatile new SCUBA and Free-Diving Sports watch, cementing our reputation as the leader in specialty dive watches. A unique combination of quality, function and style, the GEO Wristwatch is perfect on its own or as a backup to any dive computer.

- ✚ Digital Watch, Air, Nitrox, Gauge and Free Dive Modes
- ✚ Custom Audible Alarms with Alarm Acknowledgement™
- ✚ OceanGlo® Backlighting
- ✚ Diver-Replaceable Battery™
- ✚ Advanced digital watch functions including alternate time zone, stopwatch, lap timer, daily alarm, and countdown timer
- ✚ Alpha-numeric display
- ✚ Adjustable safety stop time and depth
- ✚ History Mode
- ✚ Optional OceanLog® PC Download and Settings Upload Software and USB Cable





Advanced Free Dive Mode

The GEO provides accurate depth and time with an amazing 1-second sampling rate for subsequent PC download and analysis. Dive Time is displayed in seconds and minutes. Custom audible alarms include Elapsed Dive Time, Countdown Timer and (3) Independent Max Depth Alarms. The GEO is the first Free Diving Computer to calculate and track Nitrogen Tissue Loading, allowing you to switch between SCUBA dives and Free Dives on the same dive day.

Advanced Wristwatch Functions

The GEO is an advanced digital wristwatch featuring a 1/100 second chronograph (stopwatch) with lap timer, 24 hour countdown timer, daily alarm, alternate time zone with date, 12/24 hour clock, and OceanGlo® Backlight.

Dive Time Remaining

Dive Time Remaining provides a 'real' number in minutes, considering Nitrogen and Oxygen absorption, and automatically displays whichever allows less time.

Oversized Digits

Take the Oceanic challenge: When shopping for a new dive computer, compare the displays. When it comes to viewing critical information, which would you rather see at 100 feet?



Audible Alarms with Flashing LED Warning Light

The GEO features a variety of system and user-customized audible alarms, alerting you to situations that pose a potential danger, or simply serve as a convenient reminder.



Audible Alarm Acknowledgement™

Have you ever had difficulty hearing your computer's audible alarm? Perhaps that little beep signifying a potentially dangerous situation was timed perfectly with your exhaust bubbles rushing past your

ears. Or maybe it seemed insignificant as that huge manta ray soared overhead. You won't miss the GEO's audible alarm. Once triggered, the alarm will sound continuously for 10 seconds. We know what you're thinking. "That's nice, I'll definitely hear the alarm, but isn't that going to annoy me and everyone else in the water?" We thought of that too. The alarm's job is to get your attention so that you look at the computer. Once it does that, simply press the button and it will stop. You're a responsible diver and the GEO treats you that way.



Air or Nitrox

The GEO acts simply as an 'Air' computer until you tell it otherwise, whether that is this weekend or 2 years down the road.

Oceanic Personal Dive Computer Algorithm

Decompression theory can be trusted only as far as it has been demonstrated by actual test dive data. In 1987 a unique series of experiments were conducted by Diving Science and Technology (DSAT). Commissioned by the Professional Association of Diving Instructors (PADI), these Doppler ultrasound monitored human experiments conducted by Dr. Michael Powell produced the most comprehensive data set that exists for recreational divers to this day. These data were used to validate the PADI Recreational Dive Planner and are the basis of the algorithm used in all Oceanic Personal Dive Computers (PDCs).



Personal Conservative Factor Adjustment

When the Conservative Factor is set On, the no-decompression limit times are reduced to values equivalent to those that would be available at the next higher 3000 foot (915 meter) altitude.

"The Ultimate Adjustable Algorithm"

That's the way divers, instructors and Authorized Dealers refer to Oceanic PDCs. Our tissue loading bar graphs provide complete control of your margin of safety for each dive. Want to be a bit more cautious? Make it a personal rule to never enter into the caution zone; or stay one or more pixel away. Now you can even program several of our PDCs to do it for you with our patent pending Nitrogen Bar Graph Alarm; set it once and let the GEO alert you when your bar graph reaches that level.



No Deco Safety Stop Prompt with Adjustable Depth and Time

An audible and visual alarm remind you as you approach your programmed no decompression safety stop depth and an automatic timer counts down to zero. As in any other dive mode, you still have access to other pieces of information, and there is no penalty should you choose to disregard the safety stop.

FastSet User Interface

Speed through menu items and set modes easily and quickly with Oceanic's FastSet Menu and intuitive button operation.

Date and Time Stamp

The GEO features time of day on the surface as well as underwater for quick reference. Time and date stamp also helps you to easily identify specific dives in Log Mode or PC download memory.



Alphanumeric Display

An alphanumeric "Message Box" is incorporated in the upper portion of the GEO display to provide text and numeric readouts in simple, unambiguous terms. Imagine beginning an ascent and as the ascent speed increases hearing a warning beep from the GEO as the message box alerts with the words "TOO FAST" while the red LED warning light flashes.



Automatic Altitude Compensation

The GEO automatically compensates for altitude dives up to 14,000 feet, giving adjusted no-decompression times and depths. The GEO even automatically recalibrates the depth displays for freshwater instead of seawater above 2,000 feet.



Diver-Replaceable Batteries

The GEO features a diver replaceable battery. This can be a real trip-saver on board a live-aboard boat!

Battery Hot Swap

Should you be in a tight spot between dives, the "hot-swap" feature allows you to change batteries between dives while maintaining all calculations.

24-Hour Fly Countdown *and* Calculated Desaturation Time

The GEO features both a 24-hour countdown timer and calculated Desaturation Time, the theoretical time required to off-gas all residual nitrogen at sea level.

Depth-Dependent Ascent Rate

The GEO features a depth-dependant ascent rate, allowing increased rates at deeper depths and providing additional safety as you near the surface.



SmartGlo® Backlighting

Want to verify your set mode options before your night dive? Press the side button to activate the backlight and go ahead! A small photo-sensor in the face of the GEO analyzes the intensity of ambient light each time another button is pressed. If it's dark, SmartGlo backlighting will be there for you when you need it, and it will preserve battery life when you don't.



24 Dive On-Unit Log Book

The GEO features on-unit data storage capacity for 24 dives. Date and time stamp makes locating and viewing a specific dive quick and easy .



History Mode

History Mode displays accumulative information for up to 9999 dives, 9999 dive hours and the maximum depth achieved. History information is maintained indefinitely, even if the battery is replaced



Optional OceanLog® PC Download and Settings Upload Interface

Oceanic's GEO OceanLog PC Interface is an exquisitely detailed digital dive log. OceanLog allows you to easily transfer dive data from your GEO to your PC via a plug-in USB cable. Following download, your dive data is automatically formatted for easy viewing, sorting, analysis, and printing. Enter location, dive buddy and your notes and you've instantly created your own digital logbook.

In addition to detailed dive analysis, the GEO OceanLog PC Interface also allows you to quickly and easily set most of your user settings and options through your PC.



Gauge Mode

Divers using advanced breathing gas may utilize the GEO as an advanced air integrated digital depth gauge and bottom timer with detailed PC Interface.

Split Set Mode Access

To make easy work of customizing your GEO, our user settings and options are organized in one of three set mode menus. Set F (FO2) includes all Nitrox settings. Set A (Alarms) allows you to activate and customize all audible alarms. Set U (Utilities) includes units of measurement, PC sampling rate, and conservative factor settings.

USER SETTINGS AND OPTIONS

Air or Nitrox

The GEO acts simply as an 'Air' computer until you tell it otherwise,

whether that is this weekend or 2 years down the road. As your training and experience grow, the GEO is designed to grow with you, being easily programmed for Nitrox mixtures from 21% to 50%.

FO2 50% Default On/Off

Following a Nitrox dive, many dive computers calculate your next dive based on a "worse-case scenario", mix of 50% Oxygen and 79% Nitrogen should you forget to reset your actual mix. With FO2 50% Default OFF, your mix remains at the original set point until you change it again.

Mode Selection

Activate Digital Gauge Mode for dives conducted beyond the limits of the Air/Nitrox computer, Free Dive Mode or NORM Mode for Air or Nitrox dives.

Audible Alarm and Flashing LED Warning Light On/Off

You may choose to deactivate all audible and LED alarms.

Maximum Depth Alarm

The Maximum Depth Alarm provides an audible warning upon reaching your planned maximum depth. This is an important safety feature for deeper dives or less experienced divers, and it comes in handy for rebreather diving where you can pre-set another level of safety.

Elapsed Dive Time Alarm

You're on a boat trip and the captain says, "Dive your own profiles, but be back in an hour - we're having lunch!" Just set your GEO to alert you when your elapsed dive time reaches one hour.

Nitrogen Tissue Loading Bar Graph Alarm

Oceanic's trademark nitrogen bar graph design provides the ultimate user-adjustable computer. Want to be a bit more cautious? Make it a personal rule to never enter into the caution zone, or stay one pixel away, or - you get the point. Now you can program the GEO to do it for you. Set it once and let your computer alert you when your bar graph reaches a pre-determined level.

Dive Time Remaining Alarm

Dive Time Remaining provides a 'real' number in minutes. This calculation considers both Nitrogen and Oxygen absorption, displaying whichever allows less time. With this unique GEO feature, you are able to program an audible alarm to alert you upon reaching a pre-set number in minutes.

Maximum PO2 Level Alarm (Nitrox)

When diving Nitrox, do you prefer your maximum PO2 exposure to be 1.2 ATA? 1.6 ATA? Depending on where you learned and your own personal comfort zone, the answer may be very different from diver to diver. The GEO lets you set your own limit. Program an audible alarm to sound at the level that you prefer.

Water Activation On/Off

The GEO automatically enters Dive Mode when the water contacts are wet, and the unit is submerged past 4 feet. To avoid this when swimming or enjoying other water sports, simply set Water Activation Off.

Units of Measurement

Choose between Metric and Imperial settings for date, temperature, depth and pressure.

Automatic Safety Stop Prompt with Adjustable Depth and Time

Set the Automatic Safety Stop Prompt On or Off. Set the Stop Depth to 10, 15 or 20 feet and the Stop Time to 3 or 5 minutes.

Personal Conservative Factor

Set the Conservative Factor On to further reduce your exposure to decompression sickness.

Backlight Duration

Would you like the backlight to shut off as soon as you release the button? Would you rather it remain on for 0, 5, or 10 seconds? We don't need to make these decisions for you; it's your choice.

PC Interface Sampling Rate

You have the option to choose at which rate the GEO samples and stores data for later download to your PC. More frequent sampling will provide extreme detail of your dive profiles with limited storage capacity.