

# SUUNTO D4I

## USER GUIDE

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# 1. Safety

Types of safety precautions





## 2. Getting started

### 2.1. Display states and views

Suunto D4i has four main modes: TIME, DIVE, PLANNING



4. If the version number is V1.5.x or higher, you can skip the rest of this section and read the user guide as normal.
5. If the version number is V1.2.x please read the sections below regarding how to use specific features.
6. Press [MODE] twice to exit settings.





## 3. Features

### 3.1. Activation and pre-checks

Unless the dive mode turned on, the dive mode activates automatically when you dive deeper than 1.2 m (4 ft). However, you should switch to dive mode before diving to check altitude and personal settings, battery condition and so on.

Each time your Suunto D4i enters dive mode, a series of automatic checks are performed. All graphical display elements are turned ON, and the backlight and the beep are activated. After this, your altitude and personal settings are displayed along with the maximum operating depth (MOD), gas content, and PO<sub>2</sub> values. Then the battery level is checked.





### 3.3. Alarms, warnings and notifications

Suunto D4i has audible and visual alarms designed to let you know when important limits or presets are being reached.

The two audible alarm types indicating high or low priority:

Alarm type	Sound pattern	Duration
High priority		

Alarm type	Alarm reason
Low priority alarm followed by 'Start descending' beep.	DEEPSTOP blinks and an arrow points

Symbol on display	Indication
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You can view bookmarks when scrolling the dive

5. Press [MODE] to exit.

### 3.8.5. Alarm clock

Suunto D4i has a daily alarm which can be set to activate once, on weekdays or every day.

When the daily alarm activates, the screen blinks and the alarm sounds for 60 seconds. Press any button to stop the alarm.

To set the daily alarm:

1. While in time mode, keep [DOWN] pressed.
2. Press [UP] to scroll to Alarm and press [Select.]
3. Select alarm activation with [DOWN] or [UP] and confirm with [Select] . The options are OFF, ONCE, WEEKDAYS, or EVERY DAY.
4. Set hours with [DOWN] or [UP ] and confirm with [SELECT] .
5. Repeat for minutes.
6. Press [MODE] to exit.

## 3.9. Decompression dives

If you exceed the no-decompression limit on a dive, when NO DEC TIME reaches zero, your dive changes into a decompression dive. Therefore, you must perform one or more decompression stops on your way to the surface.

When the decompression dive starts, the NO DEC TIME

The depth of the ceiling and floor depends on your dive profile. The ceiling depth is fairly shallow when you first enter the decompression dive. But if you remain at depth, the ceiling

25



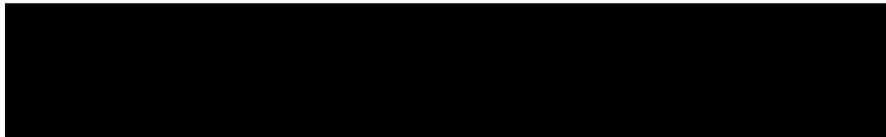
# Logbook

To access the logbook:

1. Press [MODE] three time until you come to MEM mode.
2. Press [UP] to choose Logbook.
3. Press [DOWN] or [UP] to scroll to the log you wish to look at and press [SELECT] .
4. Press [SELECT] to scroll through the pages.
5. Press [MODE] to exit.

Each log has three pages:

1. Main page



- maximum depth
- date of dive
- type of dive (indicated by first

The End of Logs text is displayed between the oldest and most recent dive.

The logbook capacity depends on the sample rate.

If the memory is full, when new dives are added, the oldest dives are deleted.

The contents of the memory remain when the battery is changed (providing that the battery has been replaced according to the instructions).

- Sample rate (see 3.19. *Sample rate*)
- Deepstop (see 3.18. *Safety stops and deepstops*)
- Air time (see 3.2. 3.23.5. *Air time*)

- Depth alarm (see

1. While in a relevant dive mode, keep [DOWN] pressed.
2. Press [DOWN] or [UP] to scroll to ALARM TIME.
3. Press [UP] to toggle the alarm on and press [SELECT] to confirm.





3. Press [UP] to toggle on/o .
4. Press [MODE] to exit.

### 3.19. Sample rate

The sample rate controls how often information from the dive is saved to the active log. The default sample rate is 20 seconds in air and nitrox modes, and 2 seconds in free dive mode.

To change the sample rate:



## 3.22. Suunto RGBM

Suunto's decompression model development originates from the 1980s when Suunto implemented Bühlmann's model based on M-values in Suunto SME. Since then research and development has been ongoing with the help of both external and internal experts.

In the late 1990s, Suunto implemented Dr. Bruce Wienke's RGBM (Reduced Gradient Bubble Model) bubble model to work with the earlier M-value based model. The first commercial products with the feature were the iconic Suunto Vyper and Suunto Stinger. With these products the improvement of diver safety was





3. Quickly depressurize the regulator so that the pressure is reduced to less than 10 bar (145 psi).

Display

Indication

Activate the transmitter by breathing on the regulator. Bring the dive computer closer to the transmitter and check if the thing

### 3.25. Water contact

The water contact is located on the side of the case. When submerged, the water contact poles are connected by the conductivity of the water. Suunto D4i switches to dive state when water is detected and the depth gauge senses water pressure at 1.2 m (4 ft).



## 4. Care and support

### 4.1. Handling guidelines

Handle Suunto D4i with care. The sensitive internal electronic components may be damaged if the device is dropped or otherwise mishandled.

When travelling with this dive computer, ensure that it is packed securely in check-in or carry-on luggage. It should be placed in a bag or other container where it cannot move around bumped or easily hit.

Do not try to open or repair Suunto D4i by yourself. If you are experiencing problems with the device, please contact your nearest authorized Suunto Service Center.

- avoid subjecting the device to rapid air and water temperature changes.
- always clean your device with fresh water if subjected to salt water.
- never knock or drop the device.

### 4.3. Battery replacement

## 5. Reference

### 5.1. Technical specifications

Dimensions and weight



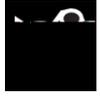


This International Limited Warranty is not enforceable if the Product or accessory:









# SUUNTO CUSTOMER SUPPORT

1. [www.suunto.com/support](http://www.suunto.com/support)