SUUNTO ZOOP NOVO

USER GUIDE

1 SAFETY

Types of safety precautions

⚠ *WARNING: - is used in connection with a procedure or situation that may result in serious injury or death.*

⚠ *CAUTION: - is used in connection with a procedure or situation that will result in damage to the product.*

Safety precautions

⚠ *WARNING: ONLY TRAINED DIVERS SHOULD USE A DIVE COMPUTER! Insufficient training for any kind of diving, including*

⚠ *WARNING: PERFORM PRE-CHECKS! Always check that your dive*

Icon	Description
5	Low battery

After the automatic checks, Suunto Zoop Novo enters surface mode. At this point, you should perform your manual checks before

Instructional beep

Alarm type	Alarm reason
Low priority alarm followed by 'Start descending' beep, repeated for three minutes. An arrow points downwards.	Mandatory safety stop violated. You should descend to complete the safety stop.
Low priority alarm followed by two short beeps. DEEPSTOP and timer displayed.	Deepstop depth reached. Make the mandatory deepstop for the duration shown by the timer.
Low priority alarm, repeated twice. OLF% value blinks if PO_2 value is greater than 0.5 bar.	OLF value at 80% or 100% (Nitrox dive mode only). Acknowledge the alarm by pressing any button.
Low priority alarm, repeated twice. Maximum depth value blinks	

Alarm type	Alarm reason
Low priority alarm, repeated twice; dive time value blinks	Defined dive time exceeded. Acknowledge the alarm by pressing any button.
Low priority alarm. Maximum depth value blinks.	Defined depth reached (Free dive mode only). Acknowledge the alarm by pressing any button.
Low priority alarm, Surface time value blinks.	Duration of surface time until next dive (Free dive mode only). Acknowledge the alarm by pressing any button.

3.3 Apnea timer

You can use the apnea timer for interval training when freediving. You can adjust the following settings:

- Vent.: ventilation time; this is the starting duration of the time your breathing time. The time is increased by the increment time for each interval.
- Incr: increment time; this is added to the ventilation time for each interval. For example, if your ventilation time is 1:00 minute and your increment time is 0:30 seconds, the first interval ventilation is 1:00, the second is 1:30, the third is 2:00, and so on.
- Repeats: number of intervals

To adjust apnea timer settings:

1. While in time mode, keep [UP] pressed to enter the apnea timer view.

5. Adjust the number of intervals with [UP] or [DOWN] and confirm with [SELECT].

To use the apnea timer:

1. Press [SELECT] to start the first interval. The timer counts down the ventilation time. The countdown continues up to -0:30 seconds beyond the defined ventilation time.
2. Press [SELECT] to start the apnea cycle. You can start this at any time during the ventilation countdown.tiwitshortp to -0:30

3.5 Backlight

To active the backlight in dive mode, press [MODE].

3.7.1 Time

3. Press [DOWN] to toggle between Metric and Imperial and confirm with [SELECT].
4. Press [MODE] to exit.

5. Repeat for minutes.

3.10 Dive history

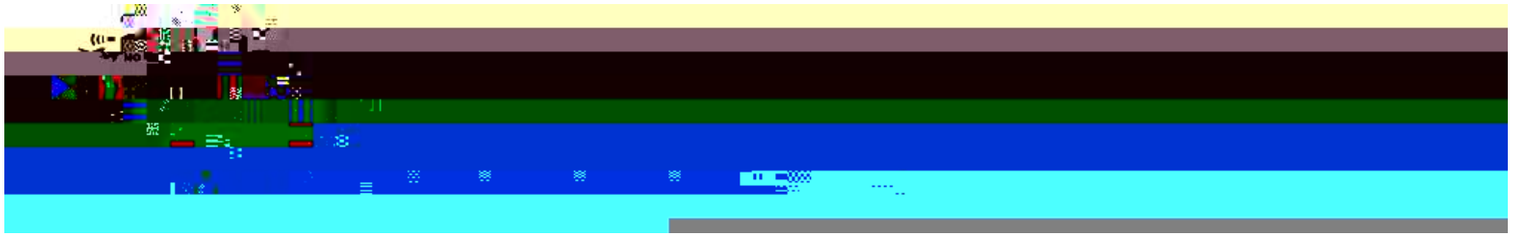
Suunto Zoop Novo has a detailed logbook and dive history available in memory mode.

The logbook contains a sophisticated dive profile for each recorded dive. The time between each data point saved in the log is based on the configurable sample rate (see *3.19 Sample rate*).

The dive history is a summary of all recorded dives.

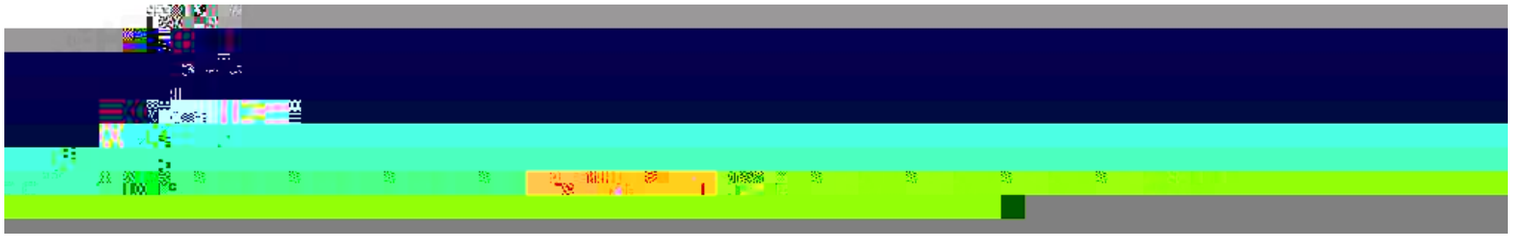
To access dive history:

1.



- maximum depth
- surface time after previous dive
- average depth
- warnings
- OLF% (if applicable)

3. Dive profile graph



- water temperature
- depth/time profile of the dive

Press [UP] to scroll through the dive profile graph or keep [UP] pressed to auto-scroll.

The dive profile graph shows point by point dive information such

4. Press [MODE] to exit.

Each dive mode has its own settings which you need to adjust while in the given mode.

To modify dive mode settings:

1. While in a given dive mode, keep [DOWN] pressed.
2. Press [DOWN] or [UP] to scroll through the settings.
3. Press [SELECT] to enter a setting.
4. Adjust the setting with [DOWN] or [Up] and confirm with [SELECT].
5. Press [MODE] to exit.

3.11.4.1 Depth notifications

You can define up to five independent depth notifications for

The dive plan takes into account:

- any calculated residual nitrogen
- dive history from the past four days

To plan dives:

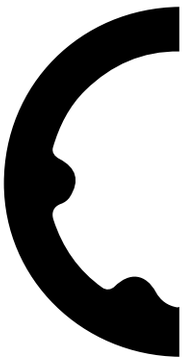
1. Press [MODE] until you see PLAN NODEC.
2. The display briefly shows your remaining desaturation time before continuing to the planning display.
3. Press [DOWN] or [UP] to scroll your upcoming dive depths. The depth moves in 3 m (10 ft) increments from 9 m – 45 m (30 ft – 150 ft). The no-decompression time limit for the selected depth is shown in the center of the display.

   If you have dived at least once with Suunto Zoop Novo, the SURFTIME + field appears. You can adjust the surface time with [UP].
4. Between consecutive dives, you can press [SELECT] to adjust surface time.
5. Press [MODE] to exit.

To set the dive time alarm:

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.
4. Adjust the duration with [UP] or [DOWN] and accept with [SELECT].
5. Press [MODE] to exit.

3.15 Error state (algorithm lock)



You can also use the stopwatch while diving for various timing purposes. To activate the stopwatch in dive mode, keep [MODE] pressed.

- A minimum surface interval of 12 hours would be required in order to be reasonably assured a diver will remain symptom free upon ascent to altitude in a commercial jetliner (altitude up to 2,400 m (8,000 ft)).
- Divers who plan to make daily, multiple dives for several days, or make dives that require decompression stops, should take special precautions and wait for an extended interval beymdec-9.hDervi -9e orhe 2,400 m (8,000. Tve onsontwmir waitommernnfsothisal

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 significant as they addressed a number of diving circumstances outside the range of dissolved-gas-only models by:

- Monitoring continuous multiday diving

are available for divers who dive constantly and are ready to accept greater personal risk.

⚠ *WARNING: WHEN THE OXYGEN LIMIT FRACTION INDICATES*

4 CARE AND SUPPORT

4.1 Handling guidelines

The Suunto Zoop Novo dive computer is a sophisticated precision instrument. Although it is designed to withstand the rigors of diving, you must treat it with the same proper care and caution as any other precision instrument.

Handle the unit with care – do not knock or drop it.

Do not fasten the strap of your dive computer too tightly. You should be able to insert your finger between the strap and your wrist.

After use, rinse it with fresh water, mild soap, and carefully clean the housing with a moist soft cloth or chamois.

Use only original Suunto accessories - damage caused by non-original accessories is not covered by warranty.

Keep the water contact and depth sensors areas on the sides of the watch clean using fresh water and a soft brush, such as a toothbrush.

4.3 Changing strap to bungee

5 REFERENCE

5.1 Technical specifications

Dimensions and weight (with display shield)

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5.3 Trademark

Suunto Zoop Novo, its logos, and other Suunto brand trademarks

Exclusions and Limitations

This Limited Warranty does not cover:

1. a) normal wear and tear such as scratches, abrasions, or alteration of the color and/or material of non-metallic straps, b)

and/or otherwise communicated, disclosed or reproduced without

Term	What it means
CNS%	

Term	What it means

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