

# The Reef

## LINDE WERDELIN SOFTWARE INTERFACE

Both **THE ROCK** and **THE REEF** come with specialised LW software for the users to download and store the logs of their sports experience by connecting the instrument to their computer. The LW software also gives the opportunity to track performance by comparing multiple logs.

This is the perfect way to re-experience those memorable sporting moments as well as share them with friends and family!

The LW software will be available for several platforms; Windows® (XP/Vista) and Apple® Mac OS.



Interfaces for **THE ROCK** & **THE REEF**



## Sea instrument

**THE REEF** dive instrument created by **LINDE WERDELIN**, has been carefully designed to provide realtime guidance to divers, tracking the critical pieces of information needed on any dive by using several sensors, a sophisticated low-power multi MPU-platform, an advanced 3-axis compass and alarm systems etc.

Presenting the information by using strong graphical displays in colour, **THE REEF** features the divers; depth, ascent rate vs. ideal ascent rate, dive time, decompression stops, no fly time, temperature, maximum depth, surface interval times, alarm/warnings, timers etc, constantly keeping the diver in a real time picture. **THE REEF** also logs vital data and events on the internal logbook and continuously updates the overall dive statistics for the diver to access at a later point. The logbook has the capacity to store up to 5 days of continuously logs with a sample rate of one log per second.

Cased in lightweight aluminium, diving professionals as well as enthusiasts, can now choose from a wide range of aluminium finishes and colours including black DLC with 18k rose gold pushers.



THE REEF

## Technical Specifications - The Reef

### Function mode

- Land Mode – (for setup and logbook)
- Dive Mode – (featuring Buhlmann's algorithm with gradient factors)
- Free Dive mode – (without dive algorithm)
- Logbook (5 days of continuously logs with 1 sample/sec)
- Power-save Mode

### Material

- Solid anodised aluminium, black polymer back case
- Sapphire crystal

### Display

- 55mm transfective LCD colour screen 220x176 pixels; 260,000 colours automatic display light adjustment

### Sensors

- Internal pressure sensor to 130m
- Internal 3 - axis compass with tilt compensation-sensor
- Internal temperature sensor
- In water sensor
- Light sensor

### Technology

- High performance / Low-power multiple MPU platform
- 2.4GHz wireless sensor network
- 128Mbit flash memory
- 4 button user interface
- Wireless upgradeable software and log transfer to computer
- Alarm Clock

### Battery

- Rechargeable Lithium Ion battery with 28 hours continuous diving

### Water resistance

- 300m / 1,000ft

### Weight (est)

- 150grams (including 15ml internal fluid)

### Accessories

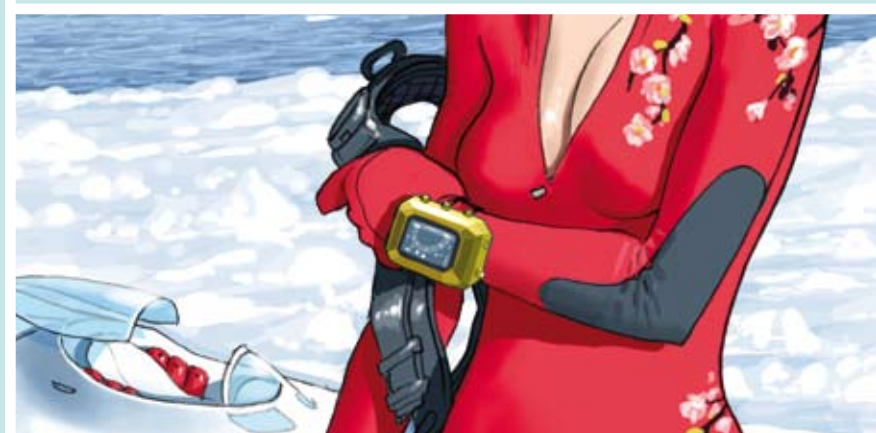
- Charger with USB 2.0 and 2.4GHz wireless interface

### Other

- GPS ready

## The Reef Family

- SI.1.6** Black anodised
- SI.1.2** Natural anodised
- SI.1.BLT** Turquoise blue anodised
- SI.1.B.R4** Black anodised with rose gold pushers



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