

SUUNTO SS023082000

SUUNTO Eon Core Wrist Computer User Manual

Model: SS023082000

Brand: SUUNTO

INTRODUCTION

The SUUNTO Eon Core is a compact and versatile dive computer designed for active divers. It features a clear color screen, customizable functions, and robust construction for reliable performance underwater. This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your SUUNTO Eon Core.



Image: The SUUNTO Eon Core dive computer in lime, showing a clear display with depth, tank pressure, dive time, and no-decompression limit. The device features three control buttons on the right side.

KEY FEATURES

- **Easy to Read Display:** High contrast color screen with large numbers, always-on LED backlight, and visually intuitive presentation. Offers Classic, Graphical, and Prominent view styles.
- **Customizable:** Features can be customized using Suunto CustomDisplay in Suunto DM5 software. The device supports user-updatable software.
- **Extended Battery Life:** Provides up to 20 hours of battery use, ensuring sufficient power for extended diving sessions.
- **Connectivity and Data Transfer:** Supports wireless tank pressure readings from up to 10 Suunto Tank PODs. Connects via Bluetooth to the Suunto Movescount App for logging and sharing dive adventures. Planning and

customization are facilitated through Suunto DM5.

- **Versatile Diving Modes:** Compatible with Gauge, Air, Nitrox, Trimix, and CCR (fixed point) diving modes. Utilizes Suunto Fused RGBM for maximizing dive time and includes a no-decompression dive planner. Features a tilt-compensated 3D digital compass.
- **Depth Rating:** Guaranteed to a depth of 80 meters.

SETUP

1. Initial Charging

Before first use, fully charge your SUUNTO Eon Core. Connect the included USB cable to the device and a power source (e.g., computer USB port or USB wall adapter). The charging indicator will show progress on the screen.

2. Powering On/Off

To power on, press and hold any button until the display activates. To power off, navigate to the system menu and select 'Power Off' or hold a specific button combination as indicated on the device.

3. Basic Settings Configuration

Upon first power-on, the device will guide you through initial setup, including:

- **Language Selection:** Choose your preferred display language.
- **Units:** Set units for depth (meters/feet), temperature (Celsius/Fahrenheit), and pressure (bar/psi).
- **Time and Date:** Adjust current time and date settings.
- **Dive Mode:** Select your primary dive mode (e.g., Air, Nitrox).

4. Suunto DM5 Software Installation

For advanced customization and software updates, download and install the Suunto DM5 software on your computer. This software allows you to:

- Customize display views (Suunto CustomDisplay).
- Plan dives.
- Update device firmware.
- Download dive logs.



Image: A side view of the SUUNTO Eon Core, highlighting the robust casing and the three large, easy-to-operate buttons on the right side, used for navigation and selection.

OPERATING

1. Navigating the Menus

The SUUNTO Eon Core typically uses three buttons for navigation:

- **Top Button:** Scrolls up or moves back in menus.
- **Middle Button:** Selects options or enters sub-menus.
- **Bottom Button:** Scrolls down or moves forward in menus.

Refer to the on-screen prompts for specific button functions in different contexts.

2. Dive Planning

Utilize the built-in no-decompression dive planner to prepare for your dives. Input desired depth and bottom time to calculate no-decompression limits. For more complex planning, use the Suunto DM5 software.

3. During the Dive

The Eon Core provides real-time dive data on its bright color screen. Key information displayed includes:

- Current Depth
- Dive Time
- No-Decompression Limit (NDL)
- Ascent Rate Indicator
- Safety Stop Information
- Tank Pressure (if paired with Suunto Tank PODs)

Pay close attention to audible and visual alarms for critical dive parameters.



Image: The SUUNTO Eon Core showing an alternative display layout, emphasizing depth and dive time with clear numerical readouts, suitable for quick glances during a dive.

4. Post-Dive

After your dive, the Eon Core will display a summary of your dive profile. You can review your dive logs directly on the device or transfer them to the Suunto Movescount App or Suunto DM5 for detailed analysis and sharing.

MAINTENANCE

1. Cleaning

Rinse your SUUNTO Eon Core thoroughly with fresh water after every dive. Ensure all salt and debris are removed, especially around the buttons and charging port. Dry the device with a soft, lint-free cloth. Do not use chemical cleaners or solvents.

2. Storage

Store the device in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the battery is partially charged (around 50%) before long-term storage to preserve battery health.

3. Battery Care

The SUUNTO Eon Core has a rechargeable battery. For optimal battery life, avoid fully discharging the battery frequently. Charge the device regularly, especially if it has not been used for an extended period.

4. Software Updates

Regularly check for and install software updates via Suunto DM5. Updates often include performance improvements, bug fixes, and new features.



Image: An angled view of the SUUNTO Eon Core, showcasing its compact design and the durable wrist strap, ready for underwater use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery; device frozen.	Charge the device for at least 30 minutes. If still unresponsive, perform a soft reset (refer to device manual for specific button combination).
Display is dim or unreadable.	Brightness setting too low; screen protector issue.	Adjust display brightness in settings. Ensure no debris or water is on the screen.
Cannot connect to Suunto Tank POD.	POD not activated; out of range; interference.	Ensure Tank POD is active (pressure in tank). Move closer to the POD. Check for other wireless interference. Re-pair the POD.
Data transfer issues with Suunto DM5/Movescount.	USB cable issue; software outdated; Bluetooth connectivity problem.	Try a different USB port or cable. Update Suunto DM5 software. Ensure Bluetooth is enabled on both devices and re-pair if necessary.

For further assistance, refer to the official SUUNTO support website or contact customer service.

SPECIFICATIONS

Brand	SUUNTO
Model Name	Eon Core
Model Number	SS023082000
Material	Eon (likely referring to the casing material or series)
Dimensions (L x W x H)	5 x 5 x 3.5 inches
Item Weight	154 Grams (approx. 5.4 ounces)
Water Resistance	80 meters (262 feet)
Battery Life	10-20 hours (depending on usage)
Connectivity	USB, Bluetooth (for Suunto Movescount App and Tank PODs)
UPC	045235913695

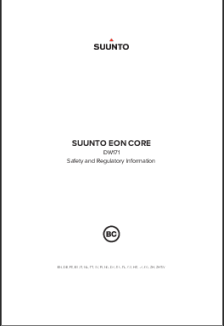
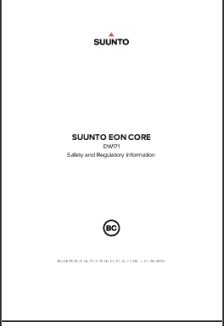
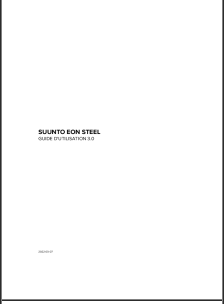
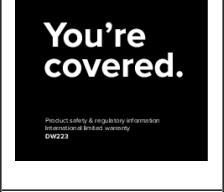
WARRANTY AND SUPPORT

For detailed warranty information and product support, please visit the official SUUNTO website. Keep your proof of purchase for warranty claims.

Online Resources:

- [SUUNTO Support Website](#)
- [Download Suunto DM5 Software](#)

Related Documents - SS023082000

	Suunto EON Core DW171: Safety and Regulatory Information Comprehensive safety and regulatory information for the Suunto EON Core DW171 dive computer, covering usage guidelines, warnings, technical specifications, and handling procedures.
	Suunto EON Core DW171: Safety and Regulatory Information Comprehensive safety and regulatory information for the Suunto EON Core dive computer (DW171), covering intended use, safety precautions, handling, maintenance, and technical specifications for recreational diving.
	Guide d'utilisation Suunto EON Steel : Plongée Récréative et Sécurité Découvrez le Suunto EON Steel, un ordinateur de plongée avancé pour la plongée de loisir. Ce guide d'utilisation couvre la configuration, les fonctionnalités, la sécurité et l'entretien pour une expérience de plongée optimale.
	Suunto Ocean DW223: Safety, Warranty, and Regulatory Information Comprehensive safety, warranty, and regulatory information for the Suunto Ocean DW223 dive computer, detailing intended use, operational guidelines, and compliance standards.
	Suunto Nautic Strap Kit Quick Guide: Setup Instructions Concise guide to setting up your Suunto Nautic strap kit for dive adventures. Learn how to attach and secure the strap to your device.

SUUNTO D5 USER GUIDE	Suunto D5 User Guide: Comprehensive Dive Computer Manual This user guide provides detailed information on setting up, using, and maintaining the Suunto D5 dive computer, including safety precautions, features, dive modes, and technical specifications.
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