

## CRESSI KS780050

# Cressi Leonardo Console 2 Scuba Diving Digital Console Instruction Manual

## INTRODUCTION

This manual provides essential information for the proper use, setup, operation, and maintenance of your Cressi Leonardo Console 2. The Leonardo Console 2 integrates the Leonardo dive computer with a pressure gauge into a modern, compact design. This console is engineered for ease of use and readability, utilizing advanced materials to minimize weight and bulk, ensuring a reliable and safe diving experience.

## PRODUCT OVERVIEW AND FEATURES

The Cressi Leonardo Console 2 is a robust and user-friendly instrument designed for scuba diving. It combines a digital dive computer with an analog pressure gauge, providing critical information at a glance.





Image: The Cressi Leonardo Console 2, featuring a digital display at the top and an analog pressure gauge below, connected by a hose.

- **Dive Computer:** Features a wide UFDS (User-Friendly Display System) display for easy navigation and readability. It supports Air, Nitrox, and Gauge modes. Nitrox management includes FO2 adjustable between 21% and 50%, and PO2 adjustable between 1.2 BAR and 1.6 BAR. It also provides a CN5 oxygen toxicity graphic indicator and a deactivable Deep Stop alert. The algorithm incorporates RGBM and a Modified Haldane and Wienke algorithm. An ascent rate alarm is set at 10 meters per minute.
- **Pressure Gauge:** A rugged, chrome-plated brass case houses the analog pressure gauge. It is color-coded in red, green, and blue for instant readability and accurately reads pressures up to 350 BAR / 5000 PSI.
- **Ergonomic Design:** The console is angled to fit naturally in the hand, positioning both the pressure

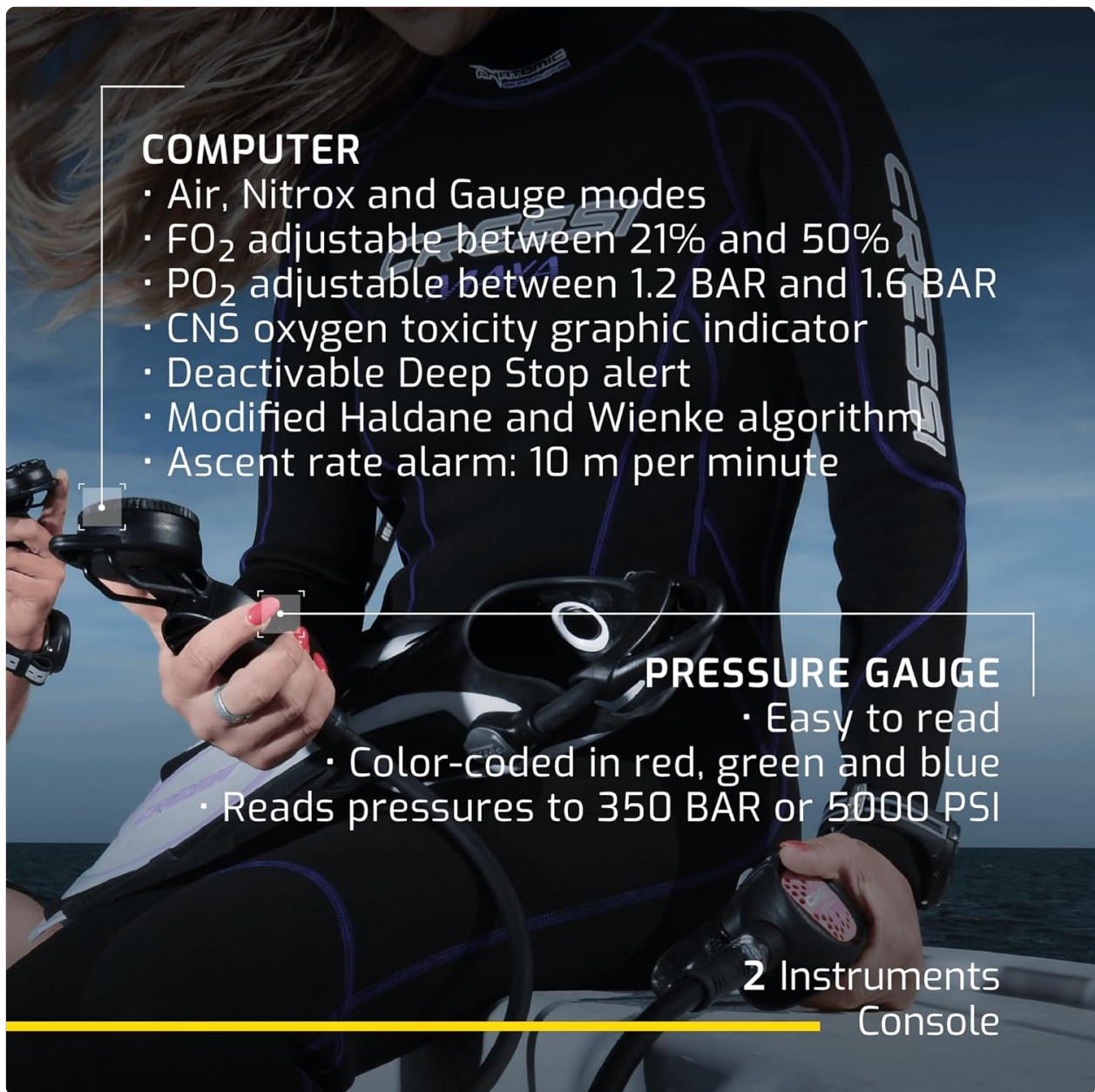
gauge and computer for optimal viewing during dives.

- **Mounting Options:** Equipped with two connection points: one at the top for a clip or bungee, and wide loops on the back for connection to any strap, offering versatile mounting solutions.
- **Durable Materials:** Constructed from polycarbonate and desmopan materials, contributing to its lightweight nature and reduced drag underwater.
- **Battery:** Features extended battery life through a combination of systems, including a battery saver mode and automatic power-on. It uses one CR2430 battery, which is included.
- **Optional Interface:** An optional Leonardo Interface (not included) is available for downloading dive sessions to a PC or Mac for detailed analysis.

**LEONARDO CONSOLE 2**  
**IDEAL FOR BEGINNERS IN SCUBA DIVING**

Image: Visual representation of the Cressi Leonardo Console 2, detailing its lightweight design, compact dimensions, and ease of handling.





## COMPUTER

- Air, Nitrox and Gauge modes
- $\text{FO}_2$  adjustable between 21% and 50%
- $\text{PO}_2$  adjustable between 1.2 BAR and 1.6 BAR
- CNS oxygen toxicity graphic indicator
- Deactivable Deep Stop alert
- Modified Haldane and Wienke algorithm
- Ascent rate alarm: 10 m per minute

## PRESSURE GAUGE

- Easy to read
- Color-coded in red, green and blue
- Reads pressures to 350 BAR or 5000 PSI

2 Instruments  
Console

Image: Detailed views of the console, illustrating the polycarbonate and desmopan materials, versatile connection points, the ergonomic angled design, and the robust chrome-plated brass case of the pressure gauge.

## SETUP

Before your first dive, ensure the console is properly prepared and configured.

1. **Battery Installation:** The console comes with a CR2430 battery pre-installed. If replacement is needed, carefully open the battery compartment, replace the battery, and ensure the O-ring is clean and properly seated to maintain a watertight seal.
2. **Hose Connection:** Connect the console's high-pressure (HP) hose to the HP port on your first stage regulator. Ensure the connection is secure and hand-tightened. The hose has a reduced diameter (11 mm / 0.43 in) for enhanced flexibility.
3. **Initial Configuration:** Upon activation, the Leonardo computer will guide you through initial setup. This typically includes setting units of measurement (Imperial/Metric), time, date, and any specific Nitrox parameters if you plan to dive with enriched air. Refer to the on-screen prompts for navigation.
4. **Mounting:** Utilize the top connection point for a clip or bungee, or the wide loops on the back to secure the console to your BCD or other diving equipment.

## OPERATING INSTRUCTIONS

Understanding how to operate your Cressi Leonardo Console 2 is crucial for safe diving.

1. **Power On/Off:** The computer automatically powers on when submerged or when a button is pressed. It enters a battery saver mode when not in use and powers on automatically when activity is detected.
2. **Navigation:** Use the designated buttons to navigate through menus and access various dive data screens. The UFDS display is designed for intuitive interaction, making information readily accessible.
3. **Selecting Dive Modes:** Before each dive, select the appropriate dive mode (Air, Nitrox, or Gauge) based on your dive plan and gas mixture. For Nitrox, confirm the FO2 and PO2 settings.
4. **Pre-Dive Check:** Always perform a pre-dive check. Verify the pressure gauge reads correctly when the tank valve is open. Check the computer's battery level, current time, and selected dive mode.
5. **During the Dive:** Continuously monitor your depth, dive time, no-decompression limits, and tank pressure. Pay close attention to any ascent rate alarms or deep stop alerts issued by the computer.
6. **Post-Dive Review:** After surfacing, the computer will display a summary of your dive. You can access detailed dive logs through the menu. For comprehensive analysis, consider using the optional Leonardo Interface to download dive data to a computer.





Image: A diver demonstrating the use of the console, with an overlay detailing the computer's Air, Nitrox, and Gauge modes, FO2/PO2 adjustments, oxygen toxicity indicator, Deep Stop alert, algorithm, and ascent rate alarm. Pressure gauge features like readability and pressure range are also highlighted.

## MAINTENANCE

---

Proper maintenance ensures the longevity and reliability of your Cressi Leonardo Console 2.

- **Rinsing:** After every dive, thoroughly rinse the entire console with fresh, clean water. Ensure all salt and debris are removed, especially from buttons and crevices.
- **Drying:** Allow the console to air dry completely in a shaded, well-ventilated area before storage. Avoid direct sunlight, which can degrade materials.
- **Storage:** Store the console in a cool, dry place, away from extreme temperatures, direct sunlight, and chemicals. Protect it from physical impact.
- **Battery Replacement:** When the low battery indicator appears, replace the CR2430 battery promptly. Follow the instructions for opening the battery compartment, ensuring the O-ring is clean, lubricated (if recommended by Cressi), and correctly seated before securely closing the compartment to maintain its watertight integrity.
- **Regular Inspection:** Periodically inspect the console body, hose, and connections for any signs of wear, cracks, or damage. If any damage is found, do not use the console and have it inspected by a qualified Cressi technician.

## TROUBLESHOOTING

This section addresses common issues you might encounter with your Cressi Leonardo Console 2.







- **Blank Display:** If the computer display is blank, first check the battery level. If the battery is low or depleted, replace it. Ensure the battery is installed correctly and the compartment is sealed. If the issue persists after battery replacement, contact Cressi support.
- **Inaccurate Pressure Gauge Reading:** If the analog pressure gauge provides an incorrect or stuck reading, do not use the console for diving. This indicates a potential malfunction that requires professional inspection and repair.
- **Computer Alarms:** Understand the meaning of various alarms (e.g., rapid ascent, decompression violation, low battery). Always respond appropriately to alarms to ensure dive safety. Consult the full user manual for a complete list of alarms and their meanings.
- **Difficulty Navigating Menus:** If you find it difficult to navigate the computer's menus, refer to the detailed instructions in the comprehensive user manual for specific button functions and menu structures.

## SPECIFICATIONS

Feature	Specification
Model Number	KS780050
Dimensions (L x W x H)	7.48 x 2.6 x 1.57 inches
Weight	0.5 Grams (approximate, console only)
Materials	Alloy Steel, Glass, Plastic, Polycarbonate (PC)
Battery Type	1 x CR2430 (included)
Pressure Gauge Range	Up to 350 BAR / 5000 PSI
Dive Modes	Air, Nitrox, Gauge
Nitrox FO2 Range	21% to 50%
Nitrox PO2 Range	1.2 BAR to 1.6 BAR

## WARRANTY AND SUPPORT

Warranty information for the Cressi Leonardo Console 2 is typically provided with the product packaging or can be found on the official Cressi website. Please retain your proof of purchase for warranty claims. For technical support, service, or further inquiries, please contact Cressi customer service directly. You can find contact details and additional resources on the official Cressi website: [www.cressi.com](http://www.cressi.com).

	<p><a href="#">Cressi Leonardo 2.0 Dive Computer - User Manual</a></p> <p>Comprehensive guide to the Cressi Leonardo 2.0 dive computer, covering features, functions, safety instructions, and maintenance for both recreational and technical diving.</p>
	<p><a href="#">Cressi Giotto Dive Computer Quick Guide</a></p> <p>A concise guide to the Cressi Giotto dive computer, covering its features, modes, operation, and dive data logging for scuba diving and freediving.</p>
	<p><a href="#">Cressi Leonardo Dive Computer Quick Guide</a></p> <p>This quick guide provides essential information for operating the Cressi Leonardo dive computer, covering its features, menus, dive modes (Air, Nitrox, Gauge), settings, and important operational details.</p>
	<p><a href="#">Cressi Michelangelo Donatello Dive Computer Quick Guide</a></p> <p>Concise guide to operating the Cressi Michelangelo Donatello dive computer, covering modes, settings, dive planning, logbook, and essential functions for scuba divers.</p>
	<p><a href="#">Cressi DONATELLO/MICHELANGELO/RAFFAELLO Dive Computer User Manual</a></p> <p>Comprehensive user manual for the Cressi DONATELLO, MICHELANGELO, and RAFFAELLO dive computers, detailing features, functions, safety guidelines, and maintenance.</p>
	<p><a href="#">Cressi Analog Dive Instruments User Manual</a></p> <p>Comprehensive user manual for Cressi analog dive instruments, covering operation, safety, maintenance, and warranty. Learn how to use your Cressi diving equipment safely and effectively.</p>

Documents - CRESSI – KS780050



[\[pdf\]](#) User Manual Guide Catalog

Buyer s Guide Cressi In the Professional Area you can find CRESSI SERVICE REPAIR MANUALS A detailed guide of how to service complete AND MANUAL 2018 International BuyersGuide cressi easyup 2018catalog MBASSADOR assist 56 diving center partner program made in italy SCUBA DIVING DIVE CENTER FREEDIVING SNORKELING SWIMMING SPEARFISHING 2018 Buyer s Guid ... and dive profile optional . PRODUCT LEONARDO CONSOLE 2 BAR LEONARDO CONSOLE 2 PSI CODE KS780000 **KS780050** LEONARDO CONSOLE 2 PRESSURE GAUGE Make gauge checks fast and efficient with this two-gauge...

lang:en score:44 filesize: 25.08 M page\_count: 260 document date: 2017-10-12





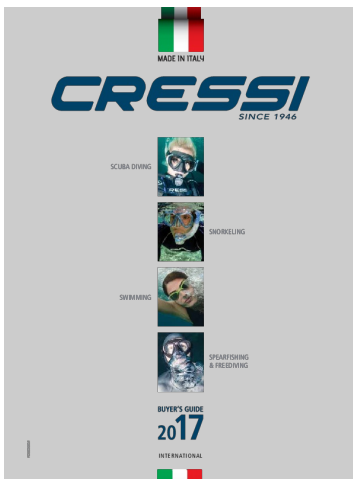
[\[pdf\]](#) User Manual Guide Catalog

BUYER S GUIDE 2021 Cressi THE COMBINATIONS OF CERTIFIED CRESSI REGULATORS ARE CONTAINED IN LAST PAGE REGULATOR USER MANUAL WHICH CAN BE READ OR DOWNLOADED FROM BG2021 cressi easyup 2021catalog BEST The combinations of the certified regulators are contained in last page regulator user manual which can be read or MADE IN ITALY BUYER S GUIDE 2021 INTERNATIONAL OUR BEST PROJECT IS TO SAVE THE SEA. At Cressi we u ... COMPUTERS LEONARDO CONSOLE 2 Product LEONARDO CONSOLE 2 BAR LEONARDO CONSOLE 2 PSI Code KS780000 **KS780050** LEONARDO CONSOLE 3 MADE IN ITALY PRESSURE GAUGE Make gauge checks fast and efficient with...  
lang:en score:38 filesize: 29.56 M page\_count: 276 document date: 2021-01-22



[\[pdf\]](#) Guide Accessories Catalog

BG2019 Tranche1 10 indd joy BUYER S GUIDE 20 19 Cressi 1957 athlete Mario Catalani wins the spearfishing world title in Jugoslavia It is first tournament history CRESSI cressi easyup 2019catalog SCUBA DIVING FREEDIVING SNORKELING SWIMMING SPEARFISHING international BUYER S GUIDE 2019 FIND O ... ARDO CONSOLE 2 MADE IN ITALY PRODUCT LEONARDO CONSOLE 2 BAR LEONARDO CONSOLE 2 PSI CODE KS780000 **KS780050** PRESSURE GAUGE Make gauge checks fast and efficient with this two-gauge console especially...  
lang:en score:30 filesize: 15.19 M page\_count: 268 document date: 2018-10-10



[\[pdf\]](#) Guide Catalog

BG2017 Tranche1 10 indd joy SCUBA DIVING SWIMMING SNORKELING Cressi available online resources such as product manuals videos and tutorials Most importantly products are manufactured to the readily In Professional Area you can find CRESSI SERVICE REPAIR MANUALS 2017 International BuyersGuide cressi easyup 2017catalog SCUBA DIVING SNORKELING SWIMMING SPEARFISHING FREEDIVING INTERNATIONAL WHERE IT ALL BEGAN, T ... th whip and 2 HP tools: 480 g PRODUCT LEONARDO CONSOLE 2 BAR LEONARDO CONSOLE 2 PSI CODE KS780000 **KS780050** LEONARDO CONSOLE 3 COMPASS PRESSURE GAUGE Version three instruments of Leonardo Console...  
lang:en score:28 filesize: 22.56 M page\_count: 280 document date: 2016-10-04

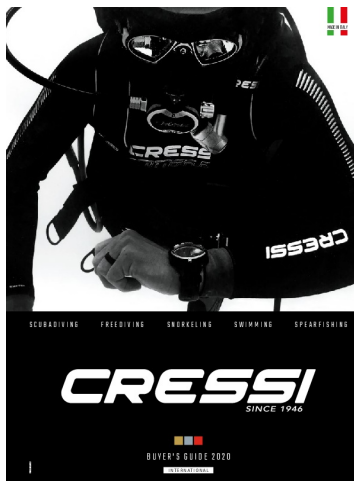


[\[pdf\]](#) Guide Catalog

Scuba diving snorkeling swimming spearfishing SCUBA DIVING SNORKELING SWIMMING Cressi In the Professional Area you can find CRESSI SERVICE REPAIR MANUALS Login assist worldwide dealer network and through readily available online resources such as product manuals videos tutorials Most Cressi2016InternationalBuyerGuide LR cressi easyup 2016catalog

2016 BUYER S GUIDE INTERNATIONAL SCUBA DIVING - SNORKELING - SWIMMING - SPEARFISHING 2016 BUYER S ... th whip and 2 HP tools: 480 g PRODUCT LEONARDO CONSOLE 2 BAR LEONARDO CONSOLE 2 PSI CODE KS780000 **KS780050** EAN CODE 8022983048253 8022983048260 LEONARDO CONSOLE 3 COMPASS PRESSURE GAUGE PRODUCT...

lang:en **score:28** filesize: 18.05 M page\_count: 276 document date: 2016-01-29



[\[pdf\]](#) Guide Catalog

CRESSI BG2020 cressi easyup 2020catalog

MADE IN ITALY SCUBADIVING FREEDIVING SNORKELING SWIMMING SPEARFISHING BUYER S GUIDE 2020 INTER ... COMPUTERS LEONARDO CONSOLE 2 Product LEONARDO CONSOLE 2 BAR LEONARDO CONSOLE 2 PSI Code KS780000 **KS780050** LEONARDO CONSOLE 3 MADE IN ITALY PRESSURE GAUGE Make gauge checks fast and efficient with...

lang:en **score:20** filesize: 28.1 M page\_count: 276 document date: 2019-09-03



[\[pdf\]](#) User Manual Accessories Catalog

CATALOG Cressi 2 GET THE SERVICE REPAIR OPERATIVE MANUAL Visit cressi and access to the Professional Area The is dedicate only Authorized America 2019 Catalog easyup 2019catalog UNDERWATER ELECTRONICS SCUBA SNORKELING BAGS APPAREL KIDS SWIMMING FREEDIVING SPEARFISHING ACCESSORIES BRAND SUPPORT

CATALOG USA 2019 UNDERWATER ELECTRONICS SCUBA SNORKELING BAGS APPAREL KIDS SWIMMING FREEDIVING SPE ... glance. Code UPC EAN Product KS780000 843607035699 8022983048253 CONSOLE LEONARDO 2 METRIC **KS780050** 843607035705 8022983048260 CONSOLE LEONARDO 2 IMPERIAL CLoenosnolaerdo 3 GIOTTO PRESSU...

lang:en **score:17** filesize: 33.15 M page\_count: 328 document date: 2019-01-07



[\[pdf\]](#) User Manual Catalog

Boy 2018 CATALOG IIS Windows Server 2 GET THE SERVICE REPAIR OPERATIVE MANUAL Visit cressi and access to the Professional Area The is dedicate only Authorized CressiUSA2018Catalog easyup 2018catalog

CATALOG UNDERWATER ELECTRONICS SCUBA SNORKELING KIDS SWIMMING BAGS APPAREL SPEARFISHING FREEDIVING ... Submersible Pressure Gauge that has a color-coded scale divers can read at a glance. Code KS780000 **KS780050** UPC 843607035699 843607035705 EAN 8022983048253 8022983048260 Product CONSOLE LEONARDO 2...

lang:en score:16 filesize: 18.64 M page\_count: 303 document date: 2018-04-05