

## Scubapro TRANSMITTER SMART+ PRO (05.055.040)

# SCUBAPRO Smart + Pro Transmitter Instruction Manual

Comprehensive guide for the installation, operation, and maintenance of your SCUBAPRO Smart + Pro Transmitter.

[Overview](#) [Setup](#) [Operation](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty & Support](#)

## 1. PRODUCT OVERVIEW

The SCUBAPRO Smart + Pro Transmitter provides convenient air integration for your dive computer, eliminating the need for a dangling hose. This low-profile device screws directly into a high-pressure port on your first stage regulator. It wirelessly relays critical data, including tank pressure and true remaining bottom time (RBT), to your compatible dive computer screen. A built-in LED on the cap offers a quick visual estimate of tank pressure, allowing you to check gas levels without activating your dive computer.

### Key Features:

- Easy installation into a high-pressure port.
- Wireless transmission of tank pressure and Remaining Bottom Time (RBT).
- Visible built-in LED for quick tank pressure estimation.
- Coded transmission technology to prevent interference.
- User-replaceable CR-2PE/BN lithium battery.
- Compatibility with SCUBAPRO HUD, G2, A2, Luna 2.0, and G3 personal dive computers.

## 2. SETUP AND INSTALLATION

### 2.1. Transmitter Installation

The Smart + Pro Transmitter is designed for direct attachment to a high-pressure (HP) port on your first stage regulator. Ensure the O-ring is properly seated and free from damage before installation. Hand-tighten the transmitter firmly into an available HP port. Do not overtighten. Once installed, check for any leaks by slowly pressurizing your system.



Figure 1: Front view of the SCUBAPRO Smart + Pro Transmitter, showing the clear cap and green LED indicators.



Figure 2: Side view of the SCUBAPRO Smart + Pro Transmitter, illustrating the threaded connection for the high-pressure

port on a first stage regulator.

## 2.2. Pairing with Dive Computer

The transmitter needs to be paired with your compatible SCUBAPRO dive computer (HUD, G2, A2, Luna 2.0, or G3) only once during its initial use. Refer to your specific dive computer's instruction manual for detailed pairing procedures. Generally, this involves activating the pairing mode on your dive computer and then activating the transmitter (usually by pressurizing the first stage) to allow the devices to establish a connection. The coded transmission technology ensures secure and interference-free communication.

## 3. OPERATING INSTRUCTIONS

### 3.1. LED Indicator Status

The built-in LED on the top of the transmitter cap provides a visual indication of approximate tank pressure without requiring the dive computer to be active. This is useful for quick checks before a dive.

- **Slow Short Blinking Green Light:** Tank pressure is 1450 PSI (100 bar) and over.
- **Short Double Blinking Yellow Light:** Tank pressure is between 1450 PSI (100 bar) and 725 PSI (50 bar).
- **Long Single Blink Red Light:** Tank pressure is below 725 PSI (50 bar).



Figure 3: Top-down view of the SCUBAPRO Smart + Pro Transmitter, emphasizing the built-in LED on the cap for pressure indication.

## 3.2. Data Transmission

Once paired and the first stage is pressurized, the transmitter continuously sends tank pressure data to your dive computer. Your dive computer then calculates and displays true Remaining Bottom Time (RBT) based on your current depth, ascent rate, and air consumption. Always monitor your dive computer for precise pressure readings and RBT calculations during a dive.

## 4. MAINTENANCE

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### 4.1. Battery Replacement

The SCUBAPRO Smart + Pro Transmitter is powered by a user-replaceable CR-2PE/BN lithium battery. The battery typically lasts for three years or 250 to 300 hours of diving, whichever comes first. When the battery level is low, your dive computer will display a warning. To replace the battery:

1. Depressurize your dive system completely.
2. Carefully unscrew the battery cap on the transmitter.
3. Remove the old battery and inspect the O-ring for any damage. Replace if necessary.
4. Insert a new CR-2PE/BN lithium battery, ensuring correct polarity.
5. Securely screw the battery cap back on.
6. After replacement, re-pressurize the system and verify the transmitter is functioning correctly and communicating with your dive computer.

### 4.2. Care and Storage

After each dive, rinse the transmitter thoroughly with fresh water to remove salt, sand, and other debris. Allow it to air dry completely before storage. Store the transmitter in a cool, dry place away from direct sunlight and extreme temperatures. Avoid exposing the transmitter to harsh chemicals or solvents.

## 5. TROUBLESHOOTING

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If you encounter issues with your SCUBAPRO Smart + Pro Transmitter, refer to the following common troubleshooting steps:

- **No Pressure Reading on Dive Computer:**

- Ensure the transmitter is correctly installed and the first stage is pressurized.
- Verify the transmitter is properly paired with your dive computer. Refer to your dive computer's manual for re-pairing instructions.
- Check the transmitter's battery level. Replace the battery if it is low or depleted.
- Confirm there is no physical obstruction or damage to the transmitter or HP port.

- **LED Indicator Not Functioning:**

- Check the battery level and replace if necessary.
- Ensure the first stage is pressurized; the LED only activates when pressure is detected.

- **Intermittent Connection:**

- Ensure there are no other wireless devices causing interference in close proximity.
- Re-pair the transmitter with your dive computer.

- Check for any physical damage to the transmitter.

If these steps do not resolve the issue, contact SCUBAPRO customer support or an authorized service center.

## 6. SPECIFICATIONS

Feature	Detail
Brand	Scubapro
Model Name	TRANSMITTER SMART+ PRO
Part Number	05.055.040
Item Weight	0.3 Pounds (approx. 0.14 kg)
Item Dimensions (LxWxH)	4 x 1.5 x 1.5 inches (approx. 10.16 x 3.81 x 3.81 cm)
Battery Type	CR-2PE/BN Lithium (User-replaceable)
Battery Life	Approx. 3 years or 250-300 dive hours
Compatibility	SCUBAPRO HUD, G2, A2, Luna 2.0, G3 dive computers
Color	Black




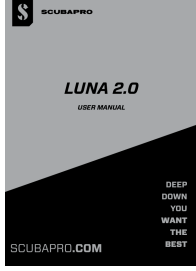

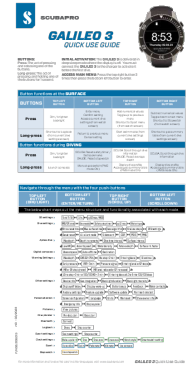
## 7. WARRANTY AND SUPPORT

### 7.1. Warranty Information

The SCUBAPRO Smart + Pro Transmitter comes with a 2-year warranty. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects under normal use conditions. It does not cover damage resulting from misuse, improper maintenance, unauthorized modifications, or normal wear and tear.

### 7.2. Customer Support

For further assistance, technical support, or service inquiries, please visit the official SCUBAPRO website or contact an authorized SCUBAPRO dealer. You can also visit the [Scubapro Store on Amazon](#) for product information and resources.

	<p><a href="#">SCUBAPRO G2 Dive Computer Quick Use Guide</a></p> <p>A comprehensive quick use guide for the SCUBAPRO G2 dive computer, detailing button functions, menu navigation, dive screen customization, battery management, transmitter pairing, and heart rate monitor integration. Essential information for divers using the G2.</p>
	<p><a href="#">SCUBAPRO Transmitter Smart+ Pro: User Instructions and Technical Guide</a></p> <p>This document provides comprehensive user instructions, technical specifications, and maintenance guidelines for the SCUBAPRO Transmitter Smart+ Pro, a wireless tank pressure transmitter designed for SCUBAPRO dive computers. Learn about mounting, pairing, operation, LED indicators, safety warnings, warranty, and proper disposal.</p>
	<p><a href="#">SCUBAPRO Dive Computer: Essential Safety Guidelines</a></p> <p>A comprehensive guide to the safe operation of SCUBAPRO dive computers, covering essential safety precautions, dive planning, and emergency procedures for recreational divers.</p>
	<p><a href="#">SCUBAPRO LUNA 2.0 Dive Computer User Manual: Features and Operation</a></p> <p>This user manual provides essential information for the SCUBAPRO LUNA 2.0 dive computer, covering its features, dive modes (Scuba, Apnea, Gauge), settings, dive planning, safety protocols, and maintenance.</p>
	<p><a href="#">SCUBAPRO Air Integrated Dive Computer: Essential Safety &amp; Usage Guide</a></p> <p>Essential safety guidelines and operating instructions for SCUBAPRO Air Integrated Dive Computers. Learn about safe diving practices, computer usage, and important warnings before your dive.</p>
	<p><a href="#">SCUBAPRO Galileo 3 Quick Use Guide - Dive Computer Features and Operation</a></p> <p>A concise guide to the SCUBAPRO Galileo 3 dive computer, covering button functions, menu navigation, initial activation, battery checks, transmitter pairing, and heart rate monitor usage.</p>