AxVIEW Instruction Manual

Version 3.0

September 2013

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READ THIS MANUAL CAREFULLY! Read this instruction manual in its entirety paying close attention to ALL WARNINGS listed below. Make sure that you fully understand the use, displays and limitations of the digital video recorder and dive computer because any confusion resulting from neglecting to follow this instruction manual or from improper use of this device may cause a diver to commit errors that may lead to serious injury or death.

WARNING!

FOR PROFESSIONAL USE! AXSUB Dive Data Management System (AxDDM) and LED Controller & Camera Viewer (AxVIEW) are intended for professional use only. Commercial or professional diving activities may expose the diver to depths and conditions that tend to increase the risk of decompression illness (DCI). Therefore, AXSUB strongly recommends that the diving supervisor use these devices in redundancy with their conventional method as a back-up solution (dive profile & decompression module).

WARNING!

ONLY DIVERS TRAINED IN THE PROPER USE OF Surface Supplied DIVING EQUIPMENT SHOULD USE THE AxVIEW! No computer can replace the need for proper Supervisory and Diver training. Insufficient or improper training may cause divers to commit errors that may lead to serious injury or death.

WARNING!

THERE IS ALWAYS A RISK OF DECOMPRESSION ILLNESS (DCI) FOR ANY DIVE PROFILE EVEN IF YOU FOLLOW THE DIVE PLAN PRESCRIBED BY DIVE TABLES OR A DIVE COMPUTER. NO PROCEDURE, DIVE COMPUTER OR DIVE TABLE WILL PREVENT THE POSSIBILITY OF DCI! An individual's physiological make up can vary from day to day. The AxDDM cannot account for these variations. You are strongly advised to remain well within the exposure limits provided by the instrument to minimize the risk of DCI. As an added measure of safety, you should consult a physician regarding your fitness before diving.

WARNING!

USE BACK-UP INSTRUMENTS! Make sure that you use back-up instrumentation including a Pneumo gauge, submersible pressure gauge, timer or watch, and have access to decompression tables whenever diving with the Dive Profile and Decompression modules (AxVIEW and/or AxDDM).

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WARNING!

PERFORM PRECHECKS! Always activate and conduct a functionality check of the device before diving in order to ensure the pressure sensor reads atmospheric pressure, that the display works adequately and that the sensor is secured to the diver's harness. We recommend using one battery pack (Product No. 011001 – B05Ah-24VDC) per diver connected to the system (AxDDM or AxVIEW) to enable the UPS battery back-up of the system. This will prevent shut down of the underwater light, computer rebooting and/or video loss (if applicable) in case a Main Power Supply shut down or voltage drop.

WARNING!

Although the AxDDM or AxVIEW does not count down the NO-FLYING TIME, ALWAYS REFER TO YOUR COMPANY PROCEDURES AND METHODS or follow your diving table procedures. There can never be a flying after diving rule that is guaranteed to completely prevent decompression illness!

WARNING!

DO NOT DIVE AT ALTITUDES GREATER THAN 300m WITH THE AXVIEW UNLESS IT IS EQUIPPED WITH AN ALTITUDE DIVING TABLES, Diving at altitude without compensation of the Actual and Decompression Stages Depth can increase the risk of DCI.

WARNING!

ALWAYS REFER TO YOUR COMPANY PROCEDURES AND METHODS! The Diving Data Management System (AxDDM) and the AxVIEW System are intend to be a working tool for the commercial diving supervisor to crosscheck information and log information that can be referred to later on. You must always maintain and keep the paper system & external stopwatch to control the dive in case of technical problems with the device and/or sensors.

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1. Safety Precautions

Do not attempt to use the AXVIEW without reading this instruction manual in its entirety, <u>including all the warnings</u>. Make sure that you fully understand the use, displays and limitations of the instrument. If you have any questions about the manual or the dive computer, contact your AXSUB dealer before diving with the dive computer.

Always remember that YOU ARE RESPONSIBLE FOR THE SAFETY OF YOUR DIVES! When used properly, the AxVIEW is an outstanding tool for assisting properly trained, certified divers in planning and executing commercial dives. It is NOT A SUBSTITUTE FOR CERTIFIED DIVING SUPERVISOR INSTRUCTION, including training in the principles of decompression.

1.1   Dive Computer Limitations

While the dive computer is based on current decompression research and technology, you must realize that the computer cannot monitor the actual physiological functions of an individual diver. All decompression schedules currently known to the authors, including the U.S. Navy and DCIEM Tables, are based on theoretical mathematical models, which are intended to serve as a guide to reduce the probability of decompression illness.

CAUTION!

- Do not use compressed air to blow water off the products.
- Do not use solvents or other cleaning fluids that might cause damage.
- Do not test or use the AxDDM or AxVIEW in pressurized air environment.

1.2   Water Resistance Inspection

AXSUB does not take any responsibility for damage caused by moisture in the AxDDM, AxVIEW, AxDEPTH, AxSEE and AxLIGHT unless the instructions of this manual are carefully followed. In the event of a leak, immediately take the product to an authorized AXSUB dealer or distributor.

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2 Overview of the Unit

On the front side of the unit, you will have the product information:

On the top side of the AxVIEW, there are 4 screws to install a bracket to fix the product on a wall or in a cabinet to liberate space on the working surface. Do not remove feet under the unit. There are up to 4 connectors on the left side of the unit:

1) A male AMPHENOL connector (6 pins) to supply power to the unit. Always use the power cable that comes with the AxVIEW. An optional battery pack (Model : B05Ah-24VDC, AXSUB Part No.: 011001) can be used as a secondary power source in case of the AC main power supply failure. This battery pack will supply enough power to the AxVIEW for about 1.5 hour of continuous running time at maximum light intensity depending the battery condition. AxVIEW can be used in DC mode only with the battery pack using a special power cord.

2) The AUDIO IN (RCA or BNC connector) to integrate the communications into the video recording.

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3) One VIDEO OUT ENCODER (RCA or BNC connector) to display the video on a TV screen including the On Screen Display (OSD) information and company logo. *It can not be used if the video encoder is not connected.*

4) One VIDEO OUT CAMERA (RCA or BNC connector) to display on a TV screen the video that comes directly from camera (without OSD and logo). It can be used if the video encoder is not connected.

Threre is a AC circuit breaker on the left sidealso.

On the right side of the unit, there are one switch, two LEDs, one dimmer and up to 4 connectors:

1) The ON/OFF AC/DC power switch for the AxVIEW.
2) Two LEDs, yellow lights if the DC battery is low in the battery pack, green lights when the unit is ON in AC.
3) A dimmer to control the 24VDC LED Lamp intensity.
4) USB connector to send encoded video to computer.
5) AXVIEW V only : USB connector to send depth data to computer.
6) AXVIEW V only : A female AMPHENOL connector (4 pins) to interface an external depthmeter with a special communication cable (DC-B).
   • One Depthmeter (Model : AxDEPTH 57S, AXSUB Part No. 002001).

OR

   • One Depthmeter (Model : AxDEPTH 57D, AXSUB Part No. 002002).

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7) A female AMPHENOL connector (8 pins) to install the video cable to the diver (VDC-B) for :
   - One 24 VDC LED Lamp (Model : AxLIGHT 57, AXSUB Part No. 004001)
   - One camera :
     o SMART Camera (Model : AxSEE 57i, AXSUB Part No. 005002)

     OR

     o Standard Camera (Model : AxSEE 57, AXSUB Part No. 005001)

3 Before Starting-up the AxVIEW

CAUTION! ALL CABLES NEED TO BE CONNECTED BEFORE APPLYING POWER TO THE COMPUTER

FOLLOW INSTRUCTION IN THE AXVIEW SOFTWARE INSTALLATION GUIDE TO INSTALL THE SOFTWARE.

1) When the AXVIEW software is correctly installed, connect USB cables to computer.
2) Install the 6 pins female AMPHENOL power cable.

1. Connect the Depthmeter Cable (if equipped) on the 4 pins AMPHENOL connector. If the SMART Camera is used, you do not need to install this cable.

2. Connect the Umbillical Cable (if used) on the 8 pins AMPHENOL connector. Before connecting this cable, please make sure that the pin-out matches the one on the AxVIEW to avoid any damage to the lamp, camera and computer. Ensure that the pin-out on the pigtails for the lamp and the camera are compatible with the one for the AxVIEW.

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3. Connect the Camera, the Lamp and the Depthmeter (if required)

AxSEE 57i

SMART Camera with Depthmeter

AxDEPTH 57S

Depthmeter (single sensor)

AxLIGHT 57

24 VDC LED Lamp

4 Starting-up the AxVIEW

To start-up the AxVIEW system, you need to press the ON/OFF switch ONCE.

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5 Basic Software presentation

There are two types of software available for the AxVIEW: The Basic Dive Recorder (AXVIEW E) and the Advanced Dive Management Software (AXVIEW V). This section will present the 6 main screens of the Basic AxVIEW E software.

The video recorder interface is simple with only 6 buttons with one unit plugged.

There are :
1) <u>Diver 1</u>: Reset preview window.
2) <u>REC</u>: record video file in C:\AXSUB_Save folder.
3) <u>Snapshot</u>: take a picture (with a picture counter below) and saves images in C:\AXSUB_Save folder.
4) <u>Interpolate</u>: enabled or not, the Interpolate mode to improve the video while moving.
5) <u>Setup</u>: activate the OSD (choose Date or/and Time, add text). Listen audio from AUDIO IN connector through computer speaker, choose NTSC or PAL and video quality (high quality = bigger file).
6) <u>QUIT</u>: Exit the software.
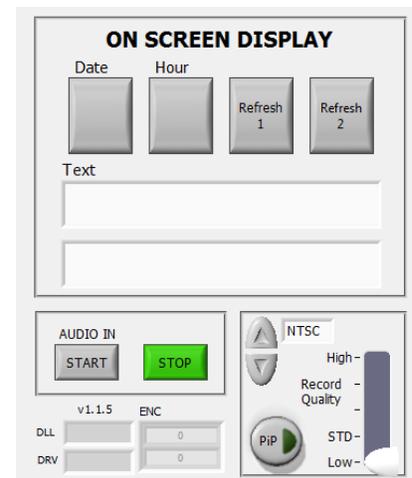
If you have two AxVIEW active, the video recorder interface is simple with only 8 buttons.
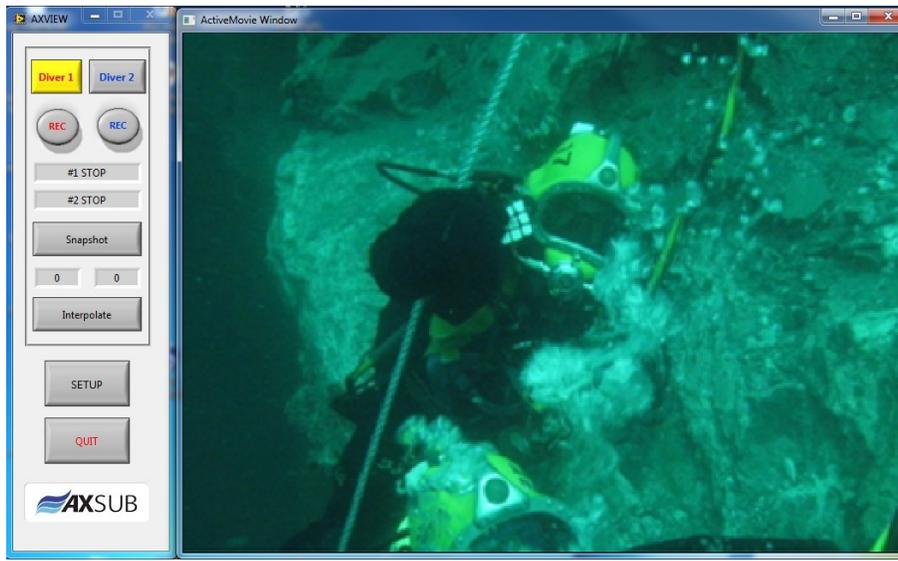
There are :
1) Diver 1: switch to Diver 1 preview window.
2) Diver 2: switch to Diver 2 preview window. The active diver button will be yellow.
3) REC (red): record video file from diver 1 in C:\AXSUB_Save folder.
4) REC (blue): record video file from diver 2 in C:\AXSUB_Save folder.
5) Snapshot: take a picture from the active Diver (with a picture counter below) and save the image file in C:\AXSUB_Save folder.
6) Interpolate: enable or not the Interpolate mode to improve the video while moving.
7) Setup: activate the OSD (choose Date or/and Time, add text). Listen audio from AUDIO IN connector through computer speaker, choose NTSC or PAL, activate Picture in Picture and video quality (high quality = bigger file).
8) QUIT: Exit the software.

6 Advanced Software presentation

There are two types of software available for the AxVIEW: The Basic Dive Recorder (AXVIEW E) and the Advanced Dive Management Software (AxVIEW V):

Left side button descriptions for one AxVIEW active:

1) Diver 1: Reset preview window.
2) REC: record video file in C:\AXSUB_Save folder.
3) Snapshot: take a picture (with a picture counter below) and save the image in C:\AXSUB_Save folder.
4) Interpolate: enable or not the Interpolate mode to improve the video while moving.
5) Generate: Generate a dive report after the dive.
6) QUIT: Exit the software.
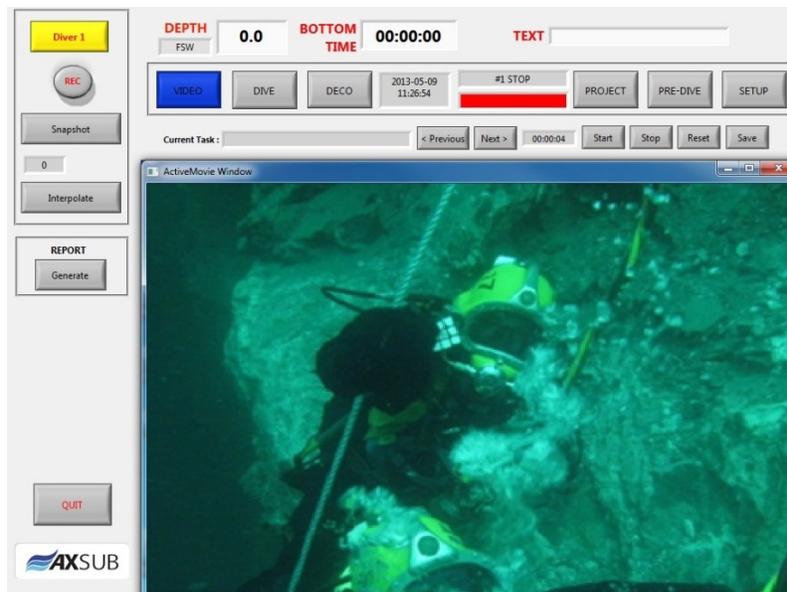
Left side button description for two AxVIEWs active :

1) <u>Diver 1</u>: switch to Diver 1 preview window.
2) <u>Diver 2</u>: switch to Diver 2 preview window. The active diver button will be yellow.
3) <u>REC (red)</u>: record video file from diver 1 in C:\AXSUB_Save folder.
4) <u>REC (blue)</u>: record video file from diver 2 in C:\AXSUB_Save folder.
5) <u>Snapshot</u>: take a picture from the active diver (with a picture counter below) and save the image in C:\AXSUB_Save folder.
6) <u>Interpolate</u>: enable or not the Interpolate mode to improve the video while moving.
7) <u>Generate</u>: Generate a dive report for the active diver after the dive.
8) QUIT : Exit the software.
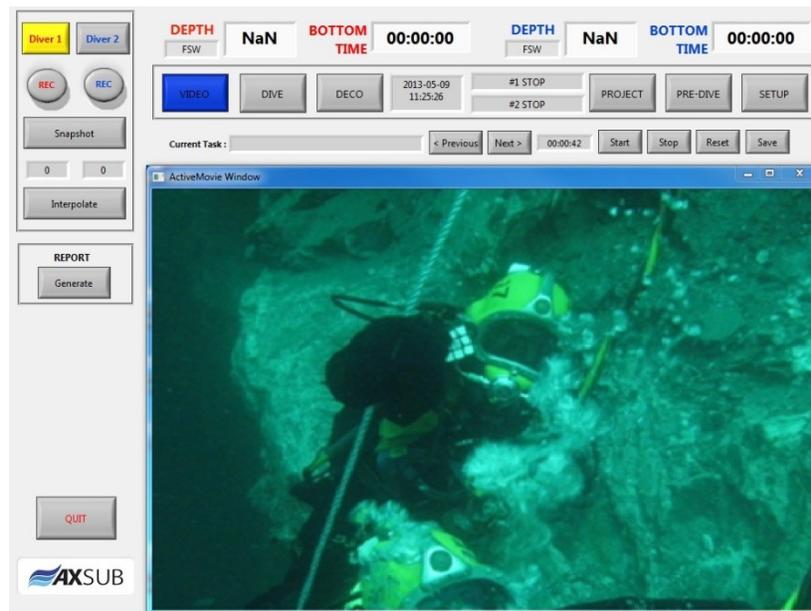
This section will present the 6 main screens of the Advanced AxVIEW software. There are 6 sections (6 buttons at top) on the software:

1) <u>VIDEO</u>: to watch video.
2) <u>DIVE</u>: to monitor the dive profile of the diver(s), ascent/descent speed (Max Depth, Bottom Time, Diving Time) (Optional).
3) <u>DECO</u>: to monitor decompression (deco profile, deco schedule and ascent/descent speed) (Optional).
4) <u>PROJECT</u>: to monitor elapsed time for editable tasks during the project (Optional).
5) <u>PRE-DIVE</u>: to set-up a new dive and enter information that will be saved on a PDF Dive Report after the dive.
6) <u>SETUP</u>: to set-up common parameters: Depthmeter, OSD , SSD storage left, Audio start/stop, and more.

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6.1   Set-up a New Dive

Press the SETUP menu button to get into the set-up menu.
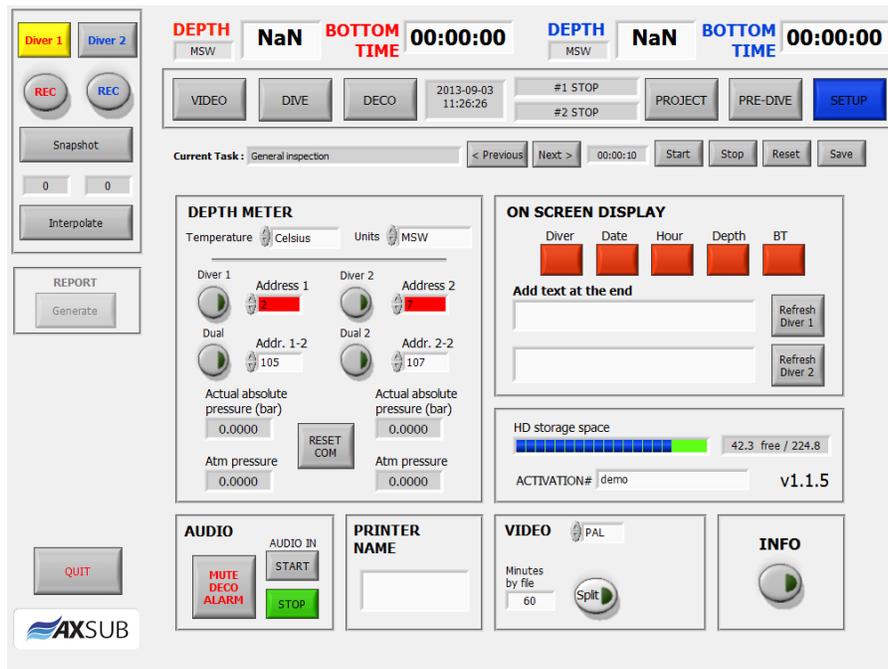
6.1.1   Depth Meter Section

This section is used when a Depth meter or a SMART camera is used with the AxVIEW system.

1. Select temperature and depth units.
2. Activate the Diver 1 or/and Diver 2 button (if required).
3. In the address(es) field(s), input the last 2 digits of the serial number of the AxDEPTH 57S or AxDEPTH 57D or AxSEE 57i. For a serial number as 006-0045, you need to input 45 for the address.
4. If an AxDEPTH 57D is used, you need to click on "Dual" and enter the second address. Use the same last two digits of the serial number and add 100. Example, for a serial number as 006-0245, you need to input 45 for the first address and 145 for the second.
5. If there is no reading in the Actual absolute pressure field after 30 seconds, click on the button RESET COM.
6. When you run the software, the actual absolute pressure (atmospheric pressure) is recorded to calculate the diver's depth.

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6.1.2 Audio Section

The buttons AUDIO IN Start and Stop allow   the audio to be listened through the computer speakers from AxVIEW AUDIO INPUT connector. The communications between the diver(s) and the crew are always recorded with the video by default if the AUDIO IN cable is plugged to the AxVIEW even if the Stop button is active.

The audio alarms during the decompression stops can be disabled if the MUTE DECO ALARM button is enabled (See Decompression menu).

6.1.3 On Screen Display Section

This section is used to enable the OSD and input the information's that will be displayed on the video recorded with the AxVIEW system.

1. Click on any of the variables that you want to add on the OSD during the video recording: Diver Name, Date, Hour, Depth and Bottom Time. The selected variables will show-up in GREEN. The ones that are not activated are shown in RED.
2. You can add a comment as prefix to all of the above variables.
3. Press the REFRESH button(s) to enable the changes made to the OSD.
4. Check on the VIDEO screen to validate the new OSD string.

6.1.4 HDD Storage Section

This section is used to keep an eye on the actual storage.

1. A visual bar indicates the amount of space left before the HDD will be full.
2. The software activation code needs to be entered in the box called ACTIVATION #. This number will unlock software features of the AxVIEW software.
3. The actual software version of the AxVIEW is indicated.

6.1.5 Printer name Section

This section is to enter the printer name to print Dive Report. It can be a virtual printer as a PDF writer.

6.1.6 Video Section

This section is used to customize the video display and recording.

1. Select the camera output format: NTSC or PAL. If the wrong camera output is selected, there will have no image display. You need to quit & restart the AxVIEW software if this set-up is changed.
2. Enter the number of minutes you want for the audio/video files length. We recommend that you do not exceed 60 minutes duration, especially (approx 1.2 GB for a standard video quality recording) if your intention is to work with the files and put a video report together, shorter files are easier to work with, especially with middle range computers. If the system stops suddenly, the video and dive profile will not be lost.
3. The Split button allows you to view the two divers video in the same time.
4. The Record Quality selector allows you to change the image quality of the video. Higher quality involves a larger file size. The file size for the STD quality is about 1.2 GB per hour.

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6.1.7 Info Section

This section is used to insert your company information in the report header if Display Info button is enabled. If the Display Logo button is enabled, a logo (the AXSUB logo by default) will be print on the report and show as a overlay on the encoder video output.
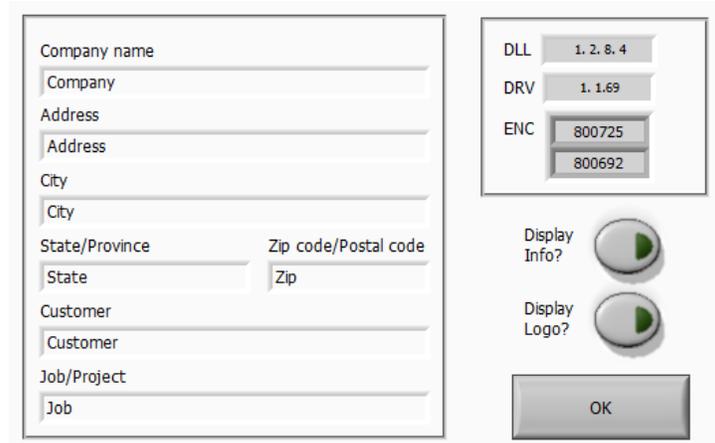
6.2 Pre Dive Mode

The PRE-DIVE mode allows you to enter information related to your divers, and topside staff. Just like with a paper logbook, it gives you the possibility to document your dive and to print a report directly on a printer or in a PDF file.
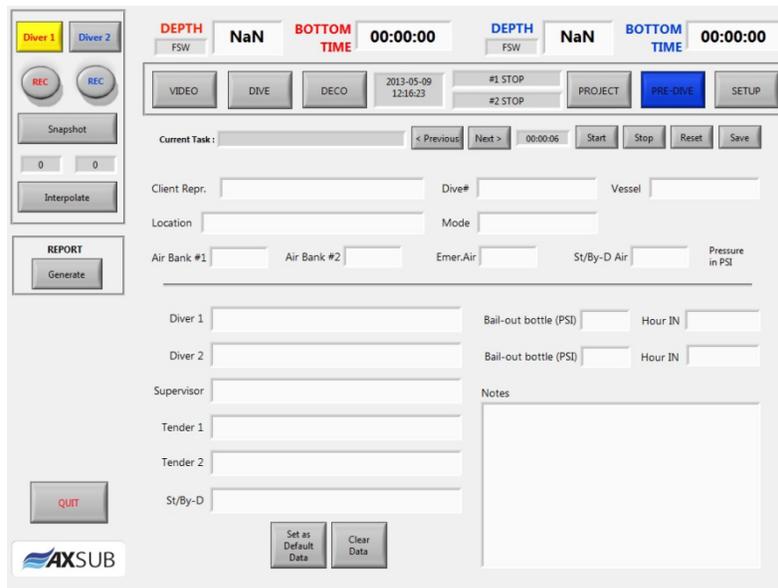
The SET AS DEFAULT DATA function allows you to save information preventing you from entering this information before every dive. The CLEAR DATA button will wipe all the data presented in every field.

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6.3 Project menu

The Project menu is a tool to monitor elapsed time for different tasks during the project. To edit your tasks, open in Microsoft Excel the template Project1.csv in the C:\Project folder. You must keep the same file name Project1.csv.

Use Previous and Next button to select a task to monitor. The buttons Start, Stop and Reset control the timer. The Save button records the time in the Project1.csv file.
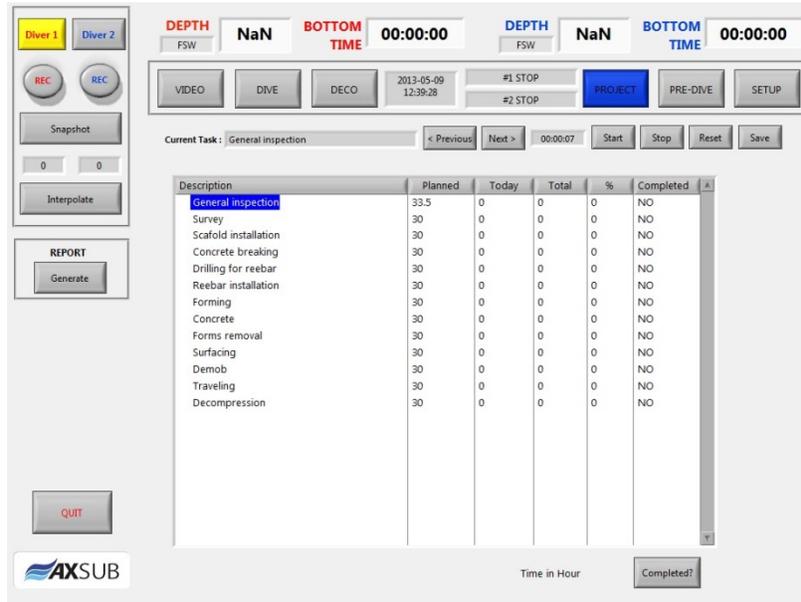
6.4 Decompression menu (Optional)

If the AxVIEW System is equipped with the decompression module, you can estimate the decompression schedule based on the installed diving tables.

CAUTION! This module is meant to be used as a GUIDE. The Supervisor should always calculate the decompression schedule BEFORE clicking the Ascent button. If the information matches the supervisors calculations, the DECO SCHEDULE can be used to ascent the diver(s) safely. If it doesn't match, the DECO Schedule estimated by the supervisor MUST be used. The judgment & experience of the supervisor is MANDATORY.

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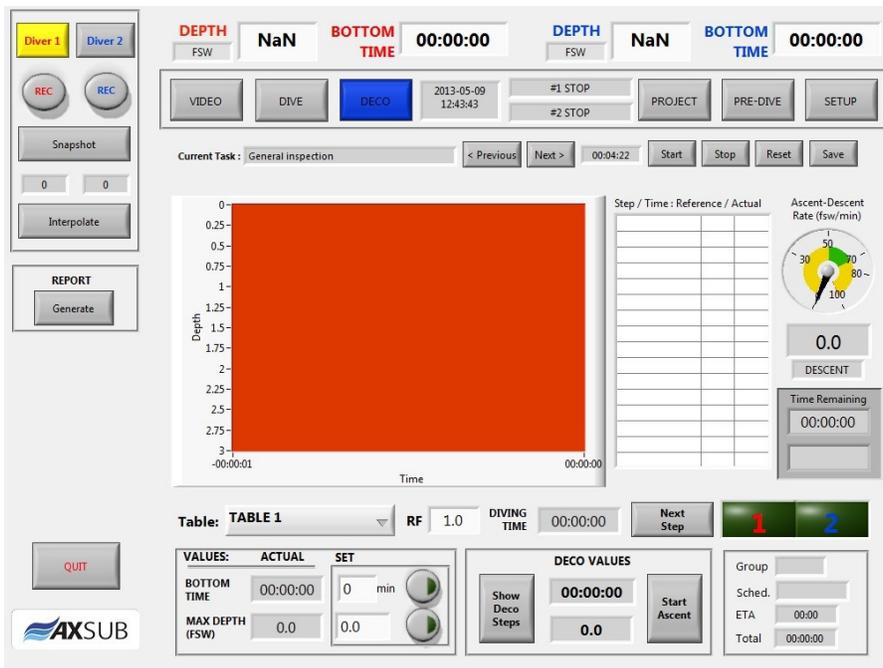
1) Determine the decompression table you want to use in the Table field. There can be several tables available depending on your company's package.

2) Enter the diver's corresponding Repetitive Factor (RF) according to your decompression table.

3) Default decompression values in the DECO VALUES fields are based on actual Bottom Time and the Maximum depth acquired by the depth meter. These values can be bypassed by the supervisor in the SET fields. The associated button must be activate to use personnal values to transfert the values in the DECO VALUES fields.

4) Manually entered values can also be used to display decompression stops, forecasts by clicking on the SHOW DECO STEPS Button.

5) When a diver is ready to ascent, click the Start Ascent button associate to the active diver (The yellow button at the top left) AFTER the supervisor has CROSSCHECKED the Deco Schedule proposed by the AxVIEW. The graph for Diver 1 is red and for diver 2 is blue. If there is no difference between the AxVIEW and the Supervisor calculations, the calculation is considered as the good schedule. Diver's ascent rate can be followed with the ascent rate gauge.

6) After the Start Ascent button was activated, you can view the Repetitive Group the decompression schedule used, the estimated time of arrival (ETA) and the total reference decompression time to do. In the table, you can view this in three columns : Decompression stop, reference time at the stop and a counter to calculate the actual time for each stop. To activate the counter for the next stop, you have to click on the button NEXT STEP. When the counter passes the reference time for a stop, you can hear an alarm and the appropriate indicator (1 or 2) turn green. To acknowledge alarm, go to the Setup menu.

If a mistake is made, the supervisor can always click again on the START ASCENT button. When doing so, the software will display the decompression stops using the TOTAL DIVE TIME as if it was the diver's BOTTOM TIME.

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6.5 Dive profile menu

The dive profiles can be monitored on the DIVE menu. One or two divers are shown depends if you have one or two AxVIEWs active. Among other important information provided with the AxVIEW system:

- Dive profile (refresh frequency : 1 second)
- Max Depth
- Bottom Time
- Diving Time
- Water Temperature
- Ascent / Descent Rate
- Time remaining for decompression stop (See Decompression menu)
- Indicator (turns green when the decompression stop time is reached, see Decompression menu)

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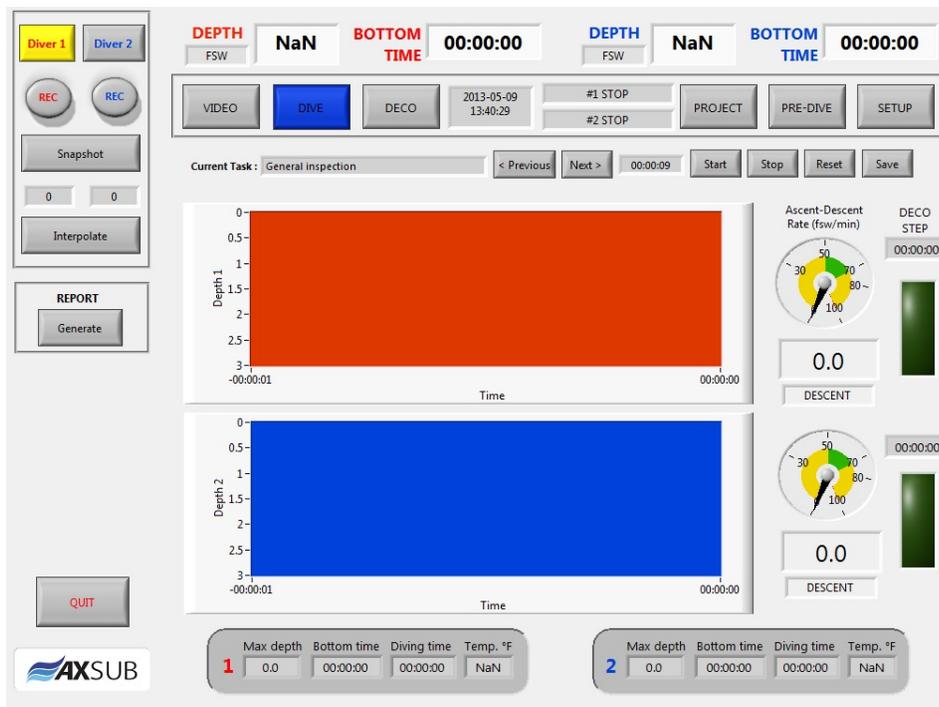
6.6 Generate a printed or PDF dive report (optional)

A report can be generated with the Report utility. At the end of the dive, a pop-up window will appear to ask you if you want to generate a report. If you click NO, you can generate it later using Generate button. This will generate the report and either print it or save it in PDF. See Setup menu to select the printer.

7 Shutting down the AxVIEW

First, Quit the software. To shut down the AxVIEW, press the ON/OFF switch on the right side of the enclosure.

8 AXSUB Limited Warranty for AxVIEW and AxDDM and Accessories

This Limited Warranty is valid as of August 1st, 2012.

AXSUB Inc. ("AXSUB") provides this limited warranty to those who have purchased the AxVIEW and/or AXSUB diving accessories ("Product"). AXSUB warrants that during the Warranty Period AXSUB or an AXSUB Authorized Service Center will, at its sole discretion, remedy defects in materials or workmanship free of charge either by a) repairing the Product or the parts, or b) replacing the Product or the parts, or c) refunding the purchase price of the Product, subject to the terms and conditions of this Limited Warranty. Your mandatory legal rights under your applicable national laws relating to the sale of consumer products are not affected by this Limited Warranty.

This Limited Warranty is only valid and enforceable in the country in which you purchased the Product, provided that AXSUB has intended the Product for sale in that country. If, however, you purchased the Product in a member state of the European Union, Iceland, Norway, Switzerland or Turkey, and AXSUB originally intended the Product for sale in one of these countries, this Limited Warranty is valid and enforceable in all of these countries. The warranty service may be limited due to the possible country-specific elements in the Products. Any service made during and after warranty subject to service fee and compensation for the shipment costs incurred by AXSUB or an AXSUB Authorized Service Centre. You can have warranty service other than in the country in which you purchased the Product.

8.1 Warranty Period

The Warranty Period starts at the date of retail purchase by the original end-user purchaser. The Product may consist of several different parts, and the different parts may be covered by a different warranty period (hereinafter "Warranty Period"). The different Warranty Periods are:

1) One (1) year for the AxVIEW and AxDDM systems
2) Three (3) months for the consumable parts and accessories, including (but not limited to) chargeable batteries, chargers, cameras, lamps, depth meters, cables, power supply (whether included in the AxVIEW or AxDDM sales package or sold separately).

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To the extent your national laws permit, the Warranty Period will not be extended or renewed or otherwise affected due to subsequent resale, AXSUB authorized repair or replacement of the Product. However, part(s) repaired or replaced during the Warranty Period will be warranted for the remainder of the original Warranty Period or for three (3) months from the date of repair or replacement, whichever is longer.

8.2   Exclusions and Limitations

This Limited Warranty does not cover:

1) a) normal wear and tear, b) defects caused by rough handling (including, without limitation, defects caused by sharp items, by bending, compressing or dropping, etc.), or c) defects or damage caused by misuse of the Product, including use that is contrary to the instructions provided by AXSUB (e.g. as set out in the Product's user guide and/instruction manual), and/or e) other acts beyond the reasonable control of AXSUB;
2) User manuals or any third-party software (even if packed or sold with the AXSUB hardware), settings, content or data, whether included or downloaded in the Product, or whether included during installment, assembly, shipping or at any other time in the delivery chain or otherwise and in any way acquired by you;
3) Defects or alleged defects caused by the fact that the Product was used with, or connected to, any product, accessory, software and/or service not manufactured or supplied by AXSUB, or was used otherwise than for its intended use;
4) Usage with a power supply other than AXSUB product PS-24V-001;
5) Usage with a battery different than an AXSUB Battery Pack B05Ah-24VDC;
6) Usage with a power source different outside limits of the power supply: 100-240VAC 50/60Hz.

This Limited Warranty is not enforceable if:

1) The Product has been opened, modified or repaired by anyone other than AXSUB or a AXSUB Authorized Service Centre;
2) The Product has been repaired using unauthorized spare parts;
3) The Product's serial number has been removed, erased, defaced, altered or made illegible in any way - and this shall be determined at the sole discretion of AXSUB;
4) The Product has been used when surrounding temperature exceed the limits of -20…50°C;
5) The Product has been exposed to influence from chemical products including (but not limited to) mosquito repellents;
6) The Product has been used in a dust / particle contaminated air that might block ventilation orifices;
7) The Product has been cleaned with a high pressure air jet.

AXSUB does not warrant that the operation of the Product will be uninterrupted or error free or that the Product will work in combination with any hardware or software provide by a third party.

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8.3   Access to AXSUB warranty service

Please access and review the online help resources available at www.axsub.com/FAQ or referred to in the Product manual before seeking warranty service.

If a claim under this Limited Warranty appears to be necessary, please contact your local authorized AXSUB retailer – for contact information please visit the AXSUB website www.axsub.com or call the AXSUB Help Desk (national or premium rates may apply) for further details on how to make a claim. You will then be advised on how to bring your Product for warranty service. Should you wish to return the Product by shipping it to your local authorized AXSUB retailer, please use prepaid freight. When making a claim under this Limited Warranty you are required to include your name and address, proof of purchase and/or service registration card (AXSUB warranty registration at www.axsub.com is considered adequate for this purpose), as required in your country, which clearly indicates the serial number, name and address of the seller, the date and place of purchase, and the product type. The claim will be honored and the Product repaired or replaced at no charge and returned in a reasonable amount of time. This shall be determined at the sole discretion of AXSUB or a AXSUB Authorized Service Center. If the Product is found not to be covered by the terms and conditions of this Limited Warranty, AXSUB or a AXSUB Authorized Service Centre reserve the right to charge a handling fee.

Any claim under this Limited Warranty is subject to you notifying AXSUB or a AXSUB Authorized Service center of the alleged defect within a reasonable time of it having come to your attention, and in any event no later than before the expiry of the Warranty Period.

8.4   Other important notices

Please remember to take backup copies of all important content and data stored in your Product (if applicable) because content and data may be lost during repair or replacement of the Product. AXSUB or a AXSUB Authorized Service Centre is not responsible for any damage or loss of any kind whatsoever resulting from loss of, damage to, or corruption of content or data during repair or replacement of the Product. When the Product or a part is replaced, any replaced item becomes the property of AXSUB. If a refund is given, the Product for which the refund is given must be returned to an AXSUB Authorized Service Centre as it becomes the property of AXSUB and/or AXSUB Authorized Service Centre. When repairing or replacing the Product, AXSUB or an AXSUB Authorized Service Centre may use products or parts that are new, equivalent to new or re-conditioned.

8.5   Limitation of Liability

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE MANDATORY LAWS, THIS LIMITED WARRANTY IS YOUR SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED. AXSUB SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOSS OF ANTICIPATED BENEFITS OR PROFITS, LOSS OF SAVINGS OR REVENUE, LOSS OF DATA, PUNITIVE DAMAGES, LOSS OF USE OF THE PRODUCT OR ANY ASSOCIATED EQUIPMENT, COST OF CAPITAL, COST OF ANY SUBSTITUTE EQUIPMENT OR FACILITIES, DOWNTIME, THE CLAIMS OF ANY THIRD PARTIES, INCLUDING CUSTOMERS, AND INJURY TO PROPERTY

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RESULTING FROM THE PURCHASE OR USE OF THE PRODUCT OR ARISING FROM BREACH OF THE WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT TORT, OR ANY OTHER LEGAL OR EQUITABLE THEORY, EVEN IF AXSUB KNEW OF THE POSSIBILITY OF SUCH DAMAGES. AXSUB SHALL NOT BE LIABLE FOR DELAY IN RENDERING SERVICE UNDER THE LIMITED WARRANTY, OR LOSS OF USE DURING THE TIME THE PRODUCT IS BEING REPAIRED.

9   AXSUB Software

AXSUB Dive Manager Software is optional PC software that greatly enhances the functionality of your AxVIEW and AxDDM.

With the software, you can record video, audio and monitor diver's depth when equipped with a AxDEPTH sensor. The software is already installed on your AxDDM and can be uploaded remotely by AXSUB and/or AXSUB Authorized Service Centre.

10   Disposal of the Device

Please dispose of the device in an appropriate way, treating it as electronic waste. Do not throw it in the garbage. If you wish, you may return the device to your nearest AXSUB dealer.

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