

Quick Start Guide

M-Series Sonars (incl. Mk2)

Install ProViewer Software


- Insert the USB key.
- Run Setup.
- If prompted, click “Do not block”.

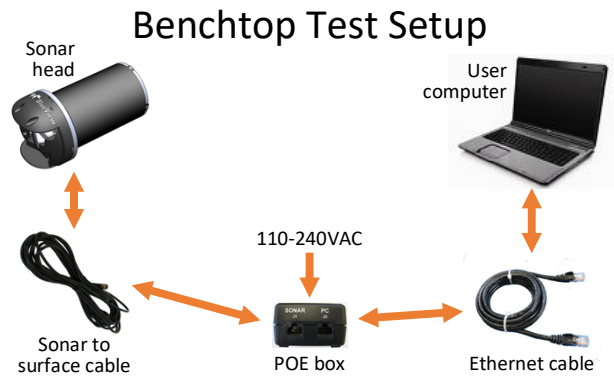
Configure your PC network interface card

- Set your PC Network IP address to 192.168.1.3
- Set the Net Mask to 255.255.255.0

Bench Test the Sonar


Connect the sonar as shown here.
 (The various components may differ in appearance.)

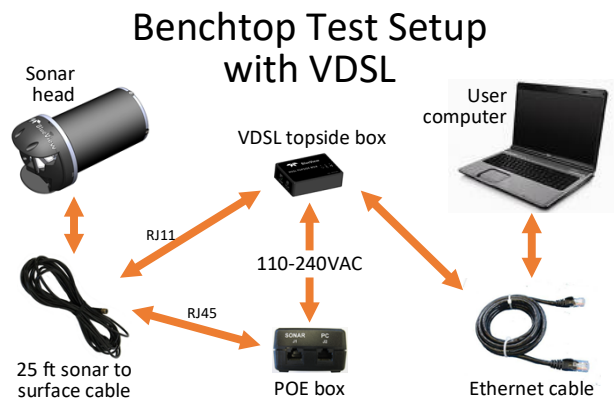
- Connect the sonar cable to the SONAR J1 port on the POE box.
- Connect the Ethernet cable to the PC J2 port on the POE box and to the computer.
- Apply AC power to the POE box. Wait approx. 45 seconds for the connection.
- Start the ProViewer Software, and click the Connect button  to connect to the sonar.



Bench Test the Sonar with VDSL

Connect the sonar as shown here.
 (The various components may differ in appearance.)

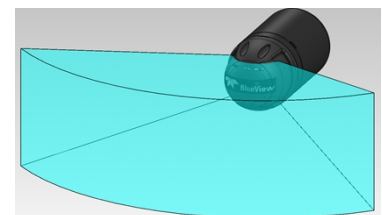
- Connect the RJ45 on the sonar cable to the SONAR J1 port on the POE box.
- Connect the RJ11 on the sonar cable to the SONAR port on the VDSL box.
- Connect the Ethernet cable to the PC port on the VDSL box and to the computer.
- Apply AC power to the POE and the VDSL boxes. Wait approx. 60 seconds for the connection.
- Start the ProViewer Software, and click the Connect button  to connect to the sonar.



Mount the Sonar

The sonar head should be mounted looking forward, preferably on the same pan-and-tilt as the ROV's main camera.

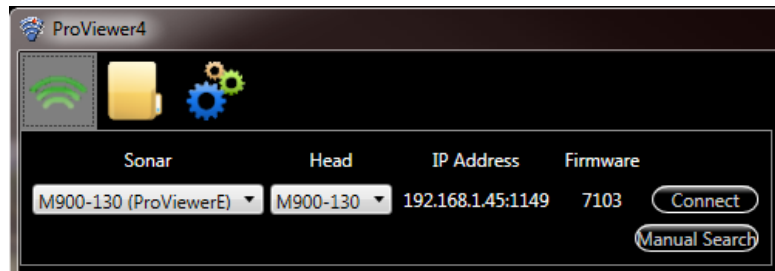
Note: Your sonar might look different than the picture shown, but the same concept applies.



Switching Sonar Heads (M900/2250 sonar only)

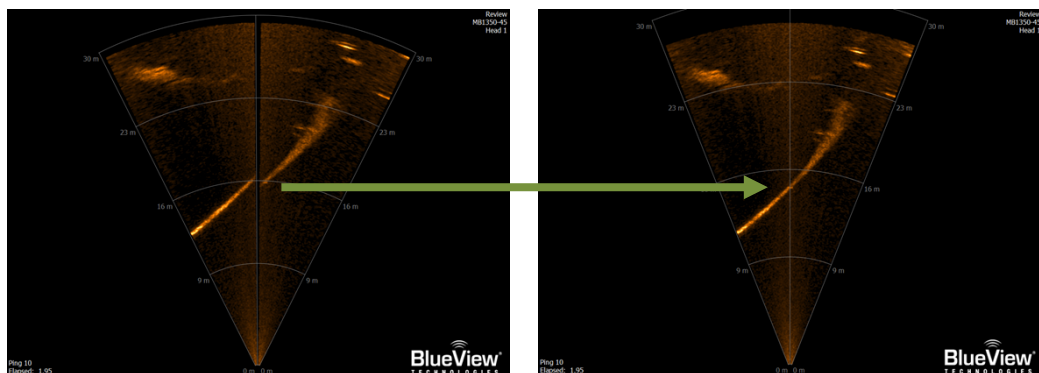
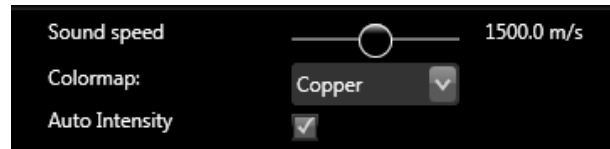
When the Connect button is clicked, the ProViewer software will automatically list all sonar systems and sonar heads connected to the PC.

Select the desired Sonar and Head from their respective dropdown menus.



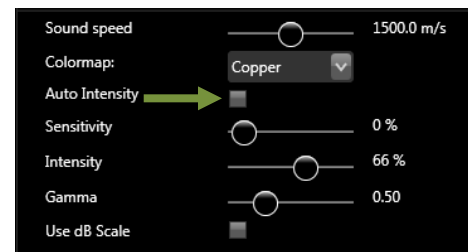
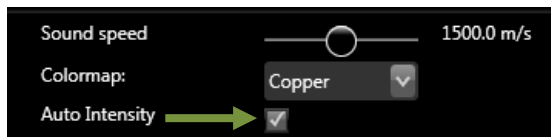
Sound Speed Calibration

If an image looks broken or misaligned, it is most likely caused by an incorrect sound speed value. To access the Sound speed slider from within ProViewer 4, right-click anywhere in the imagery window.



Auto Intensity Controls

To access extra controls, remove the Auto Intensity check mark.



Shutdown

Close and save any sonar data files before removing the sonar power. When power cycling the sonar, allow at least 10 seconds of 'off time' before turning the sonar back on.

User's Manual

For details (on e.g. hardware trigger and PPS), refer to the user's manual (provided on a USB key).

Support

For support, please contact:

Email: blueview-support@teledyne.com

Hotline: Europe: +45 20 999 088 / USA: +1 805 233 3900

Use and Disclosure of Data

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