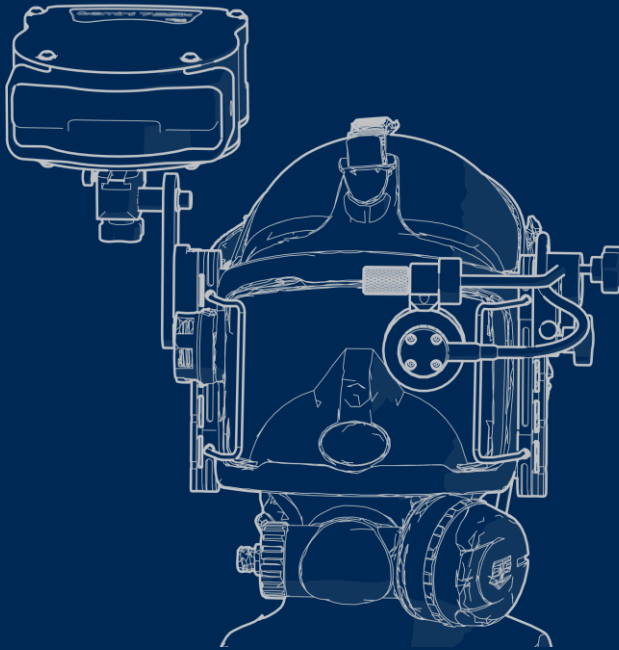
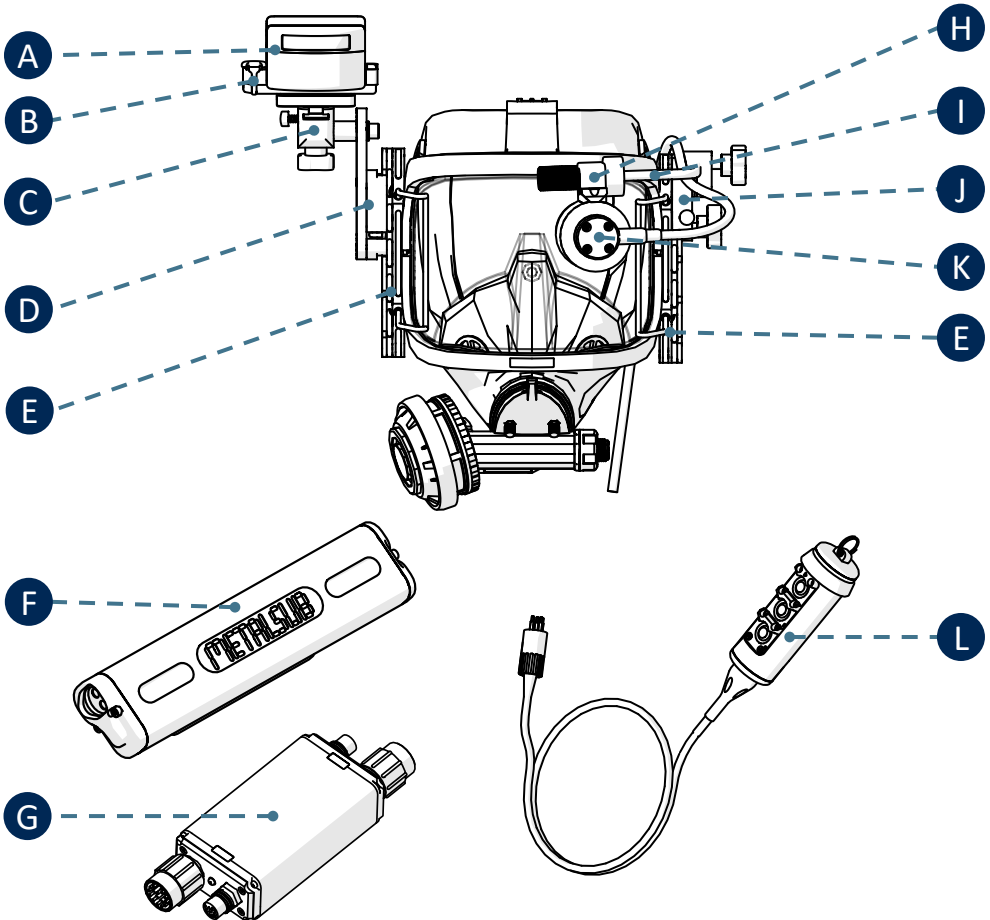


Diver Mounted Display (Un-Tethered) Quick Start Guide



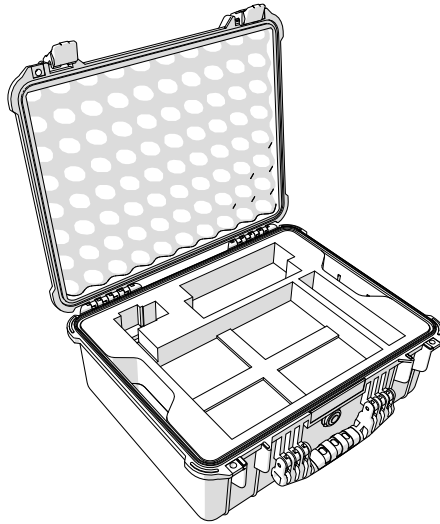
DMD Un-Tethered Components



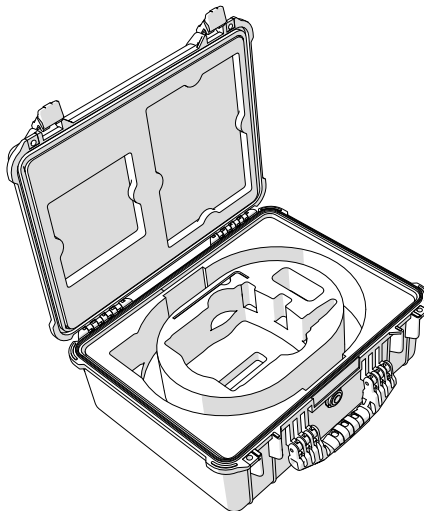
- A.** Gemini Sonar
- B.** Sonar Mount Bracket (MicronGemini only)
- C.** Clamping Slide with 1/2" Hole
- D.** Spigot Assembly, 90°
- E.** Mask Accessory Rail
- F.** Metalsub Battery

- G.** DMD Subsea Computer
- H.** Monocle Locking Assembly
- I.** Monocle 1/4" Mounting Rod
- J.** Clamping Slide with 1/4" Hole
- K.** DMD Monocle
- L.** DMD Hand Controller

System Composition

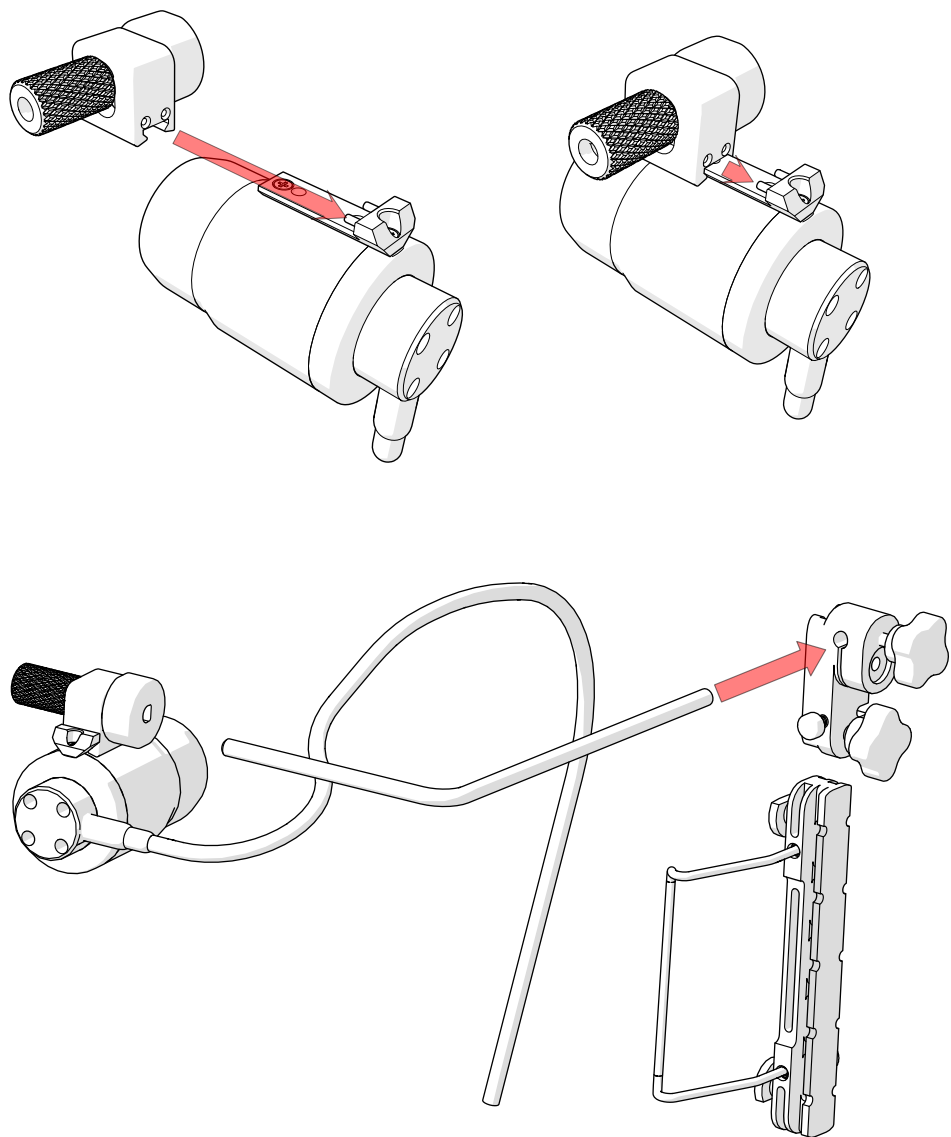


Instrument Deployment Case



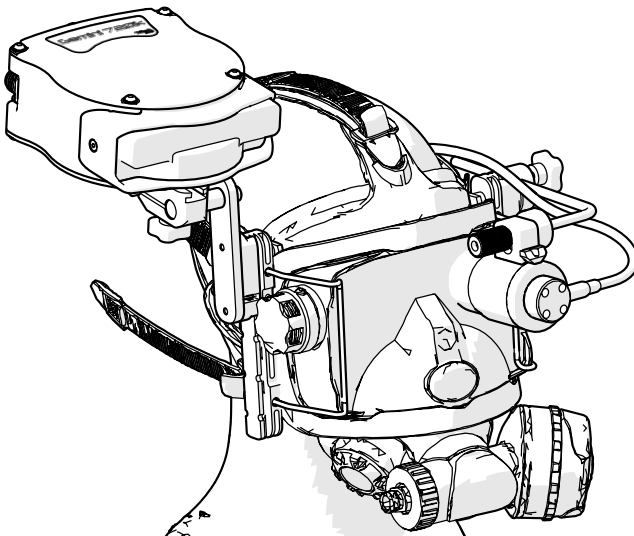
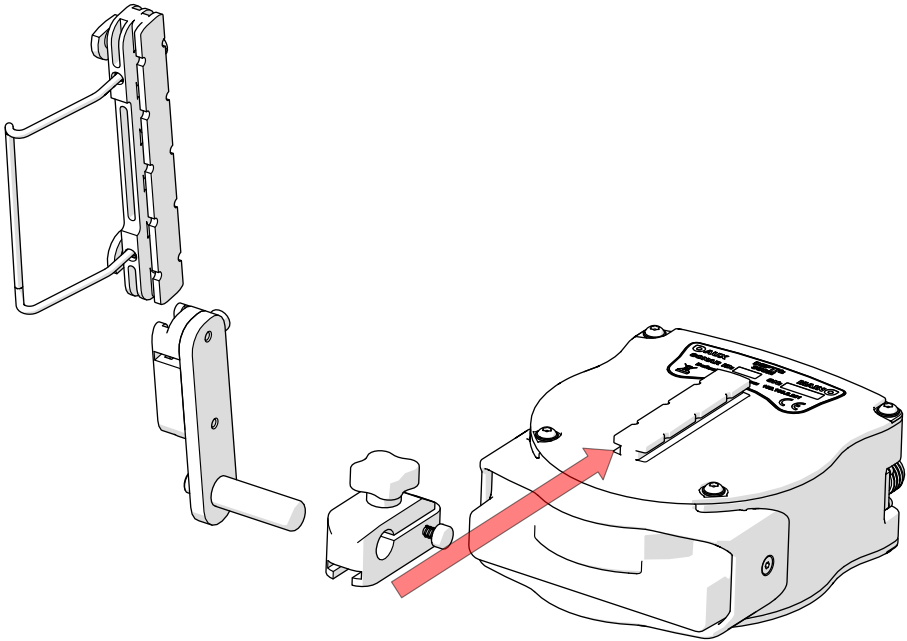
Sonar Deployment Case

Assembly of Accessories onto Mask – Monocle

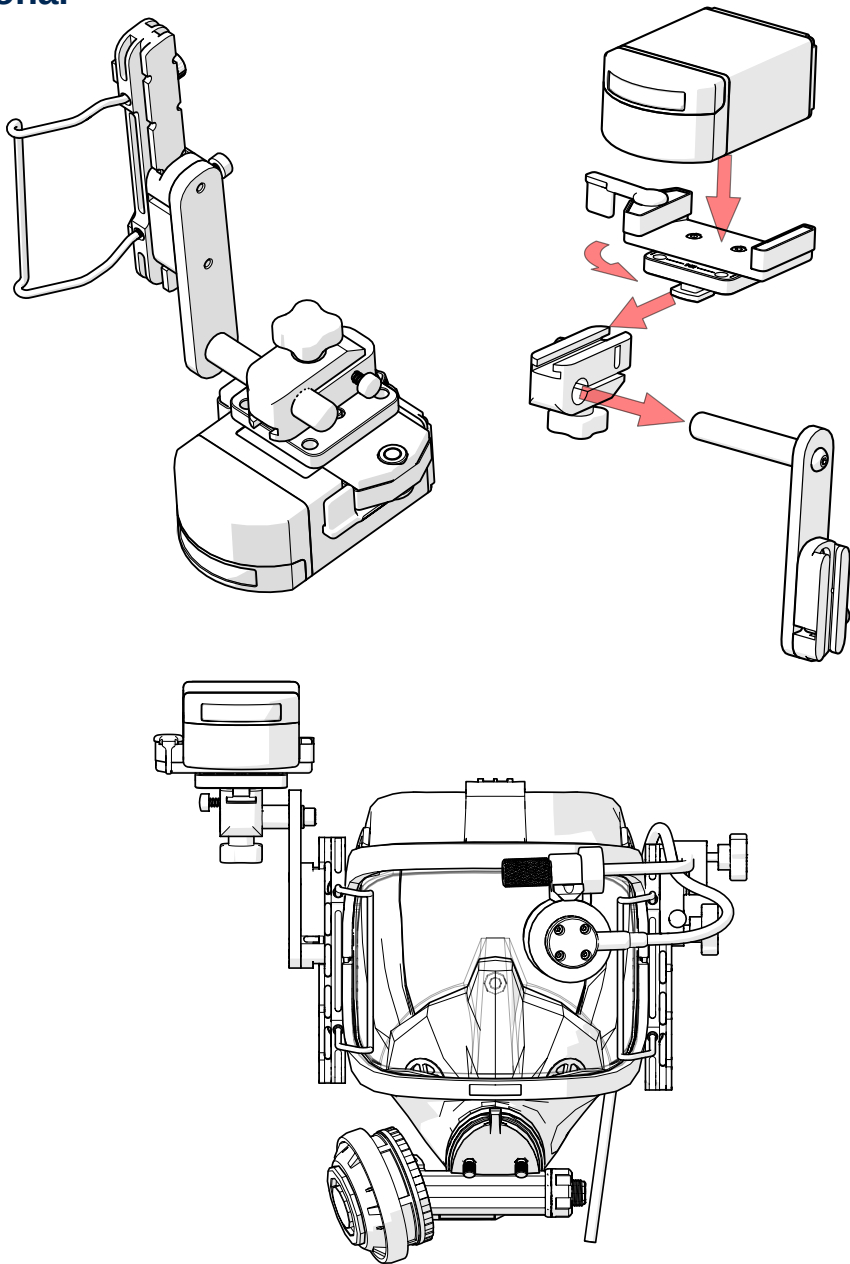


Monocle and sonar fitting accessories may differ.

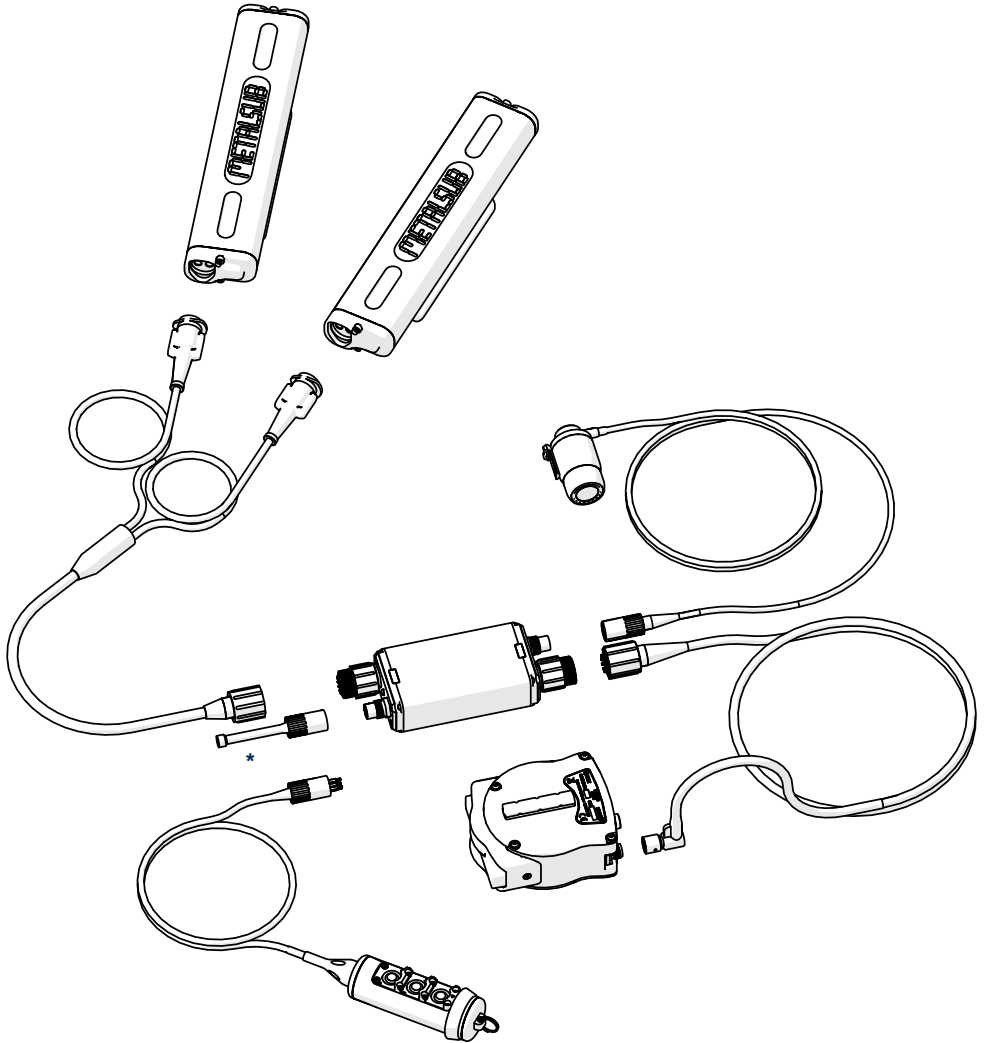
Assembly of Accessories onto Mask – Gemini ik Sonar



Assembly of Accessories onto Mask – MicronGemini Sonar

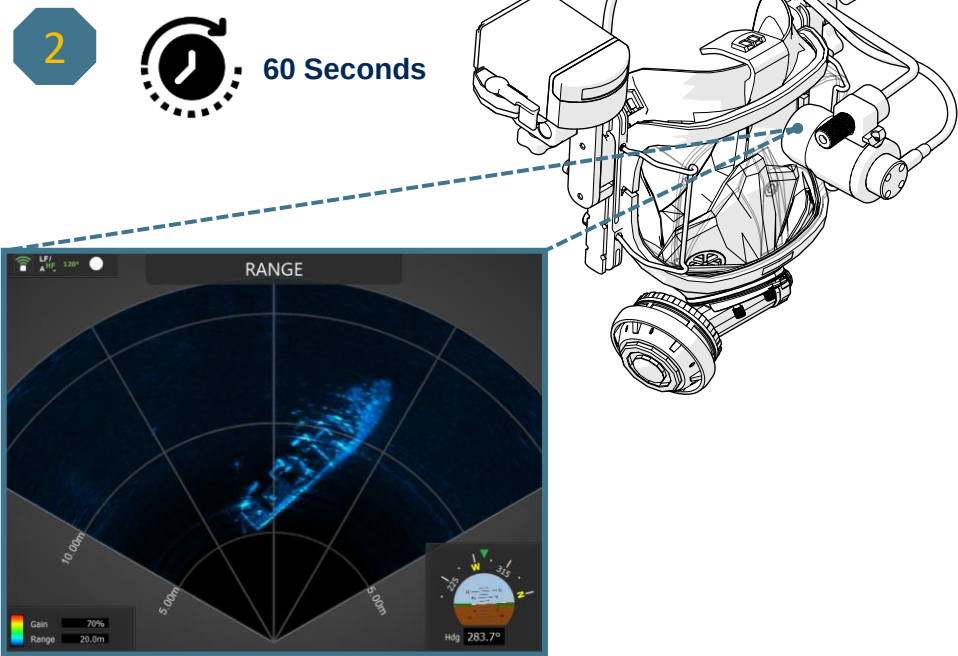
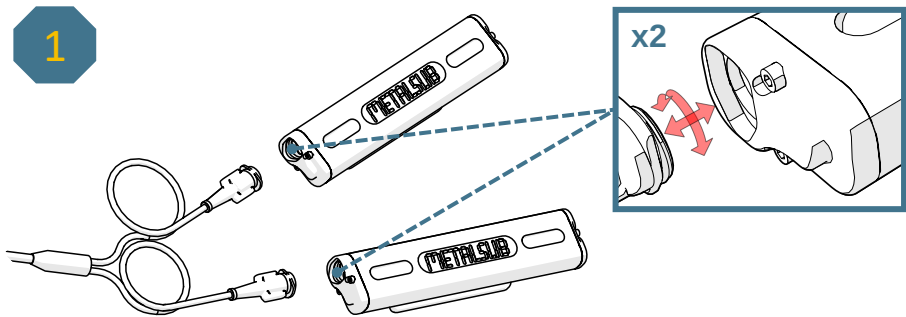


Diver System Connections



* If not fitting the Hand Controller, the Blanking Plug **must** be fitted.

Switch ON & Start-Up Sequence



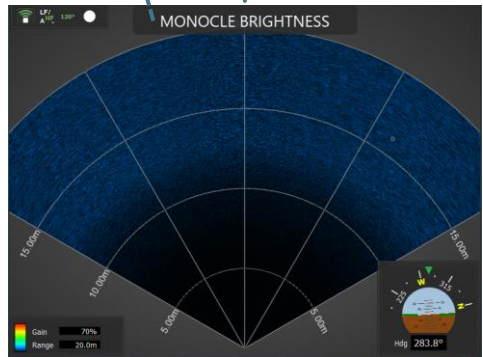
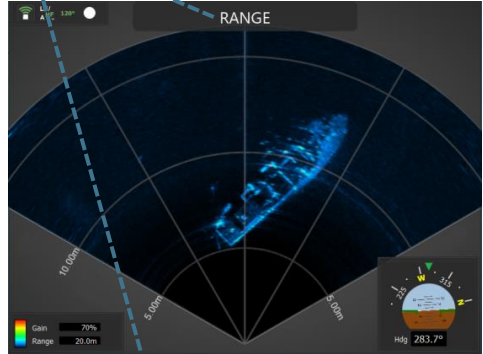
Tip: If using outside of the United Kingdom, please refer to the DMD-U manual on how to amend the time and date of the Subsea Computer.

3

Mode

Up

Down



Mode

Cycle through the menu options

Up/Down

Adjust the settings for each menu option

Increase / Decrease
or
Yes / No

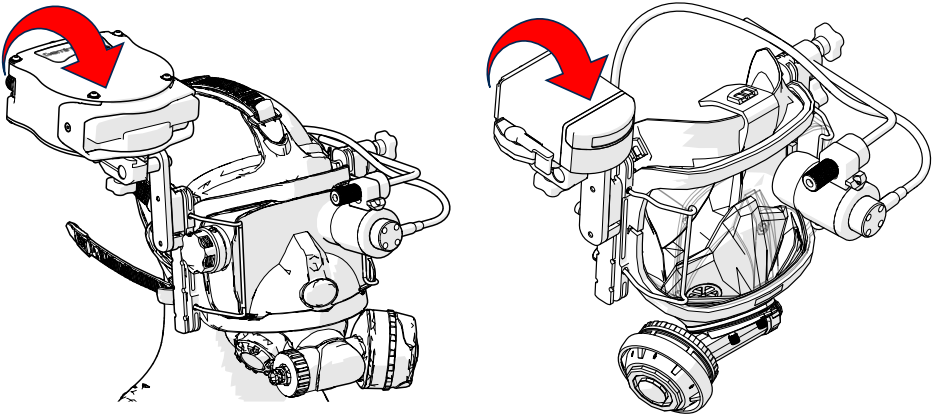
Important Notes:

1. If the system is turned OFF via the hand controller while underwater, the user will not be able to use it again unless it is resurfaced, and the batteries disconnected and connected again.
2. Never disconnect or connect the battery pack connector underwater.
3. Shutdown Operation
Make sure the DMD-U system is turned off by first shutting it down via the hand controller.

DMD Diving Tips

With the DMD system attached to the diver, it's very important that all loose cables are appropriately managed with the provided cable ties. This will reduce the chance of a snag while still allowing the diver space to move freely.

To obtain good images the diver will need to move their head very slowly and steadily. It's a good idea to start by scanning a large area slowly and then move to potential targets. Always moving slowly and maintaining an appropriate sonar angle to achieve the best image possible.



Sonar Orientation Adjustment

Comprehensive Manual



DMD Video Guides

Software Update



Cleaning & Storage



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Pre-Dive Checklist

- ☐ Are all mask accessories secured and appropriately fitted?
- ☐ Are the batteries fully charged and in good working order?
- ☐ Have all mating surfaces been lubricated with a silicone-based compound?
- ☐ Are all four connections to the Subsea Computer securely mated?
- ☐ Have all loose cables been managed to avoid snag points?
- ☐ Can the diver see the display and confirm the sonar is online?
- ☐ Are the controls on the hand controller fully operational?