

IONIC®

PRO MATRIX PFD User Manual



PRO MATRIX

Application Specific PFD

Swift Water Rescue

Product Code SAF30055

Batch Number

Certification Information

EN ISO 12402-5 2020

EN ISO 12402-6 2020

PPE Regulation (EU) 2016/425

PPE Regulation 2016/425 as

brought into UK law and amended.



Safety Warnings



The Pro Matrix is fitted with a chest release harness and should only be used by personnel who have received the appropriate training by a qualified instructor.



The quick release harness is not to be used in conjunction with any other harness.



Before use, ensure your PFD is the correct size. Do not use if the PFD is either too large or too small. Please adjust your PFD correctly as per the instructions shown in this user manual.

We recommend using a “Buddy Check System” before entering the water

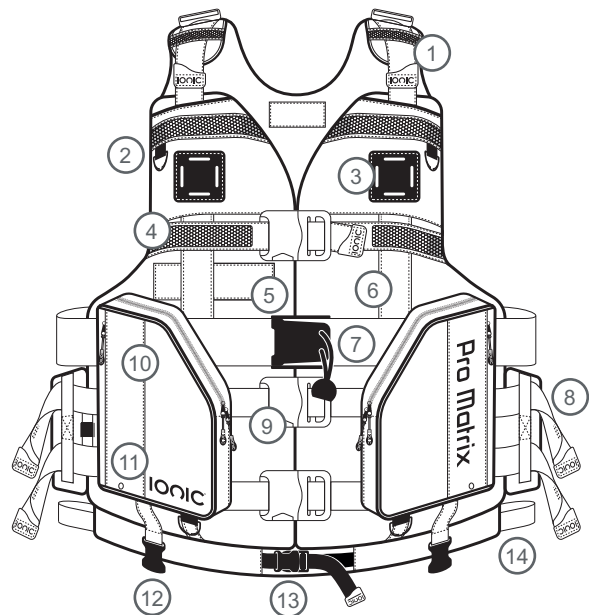


Do not attach your cowtail and karabiner to any webbing that is permanently fixed to the PFD.



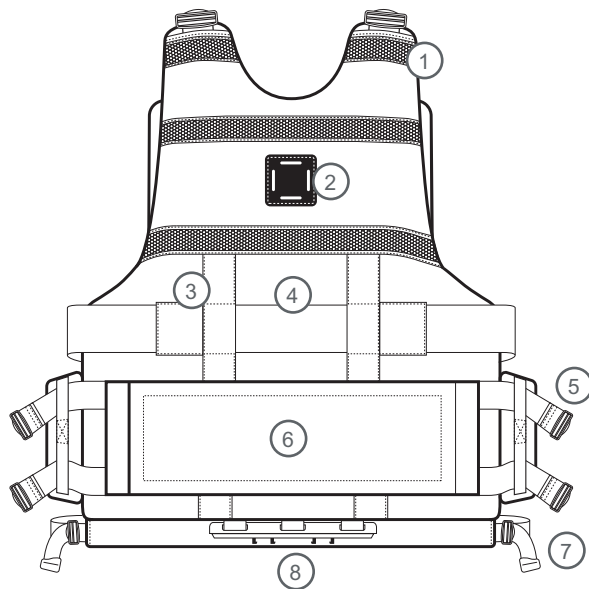
Please Note - If you are using a karabiner to attach to the back of the PFD rather than a fixed ring, please ensure that you use a locking type karabiner to avoid accidental hook up which could affect your positioning and stability in fast moving water.

Front View - Features



- 1. Adjustable Padded Shoulder Straps
- 2. Breakaway Gear Clips
- 3. Knife/Strobe Holder
- 4. Reflective Tape
- 5. Velcro ID Patch
- 6. Webbing Harness
- 7. Quick Release Belt
- 8. Side Adjustment/Compression Straps
- 9. Fastening Buckles
- 10. Gear Pocket & Front Mounted Knife Pocket
- 11. Karabiner Pocket & Retaining System
- 12. Crotch Strap Attachment Buckles
- 13. Front Waist Belt Adjustment Buckle
- 14. Side Waist Belt Adjustment Buckle

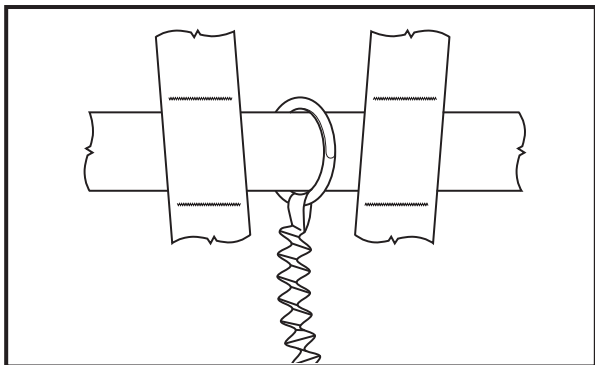
Rear View - Features



- 1. Reflective Tape
- 2. Strobe Holder
- 3. Webbing Harness
- 4. Quick Release Harness & Cowtail Attachment Point
- 5. Side Adjustment/Compression Straps
- 6. Velcro ID Patch
- 7. Waist belt Adjustment Straps
- 8. Crotch Strap Buckle

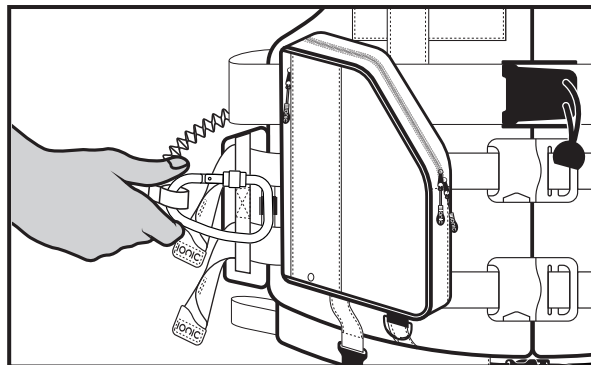
Pre-fitting the Cowtail

Fig 1



1. Open the fix lock buckle located on the front of the PFD and un-thread the webbing belt.
2. To ensure the cowtail is fitted correctly the webbing belt must be threaded through the fixed ring or karabiner on the cowtail so that it sits between the two vertical webbing loops as shown.
(see illustration fig 1)
3. Then thread the webbing belt back through the channels on the PFD. Make sure that the webbing belt is not twisted, which could foul when released when.

Fig 2

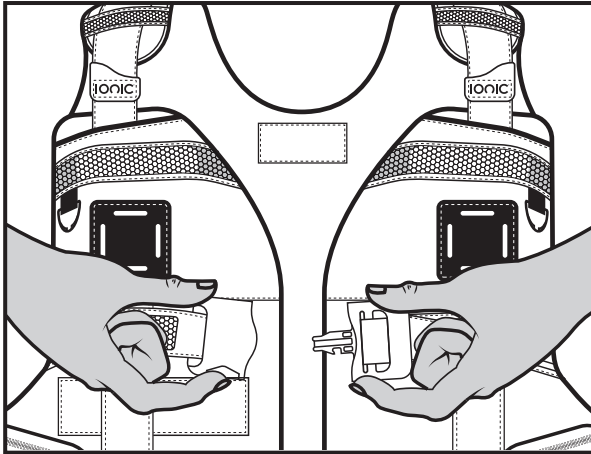


Cowtail Stowage

When the cowtail is not in use, ensure you stow the karabiner into the small pocket which is located behind the right front large pocket. And secure the cowtail using the yellow retaining strap.
(see illustration in fig 2)

Donning Instructions

Fig 3

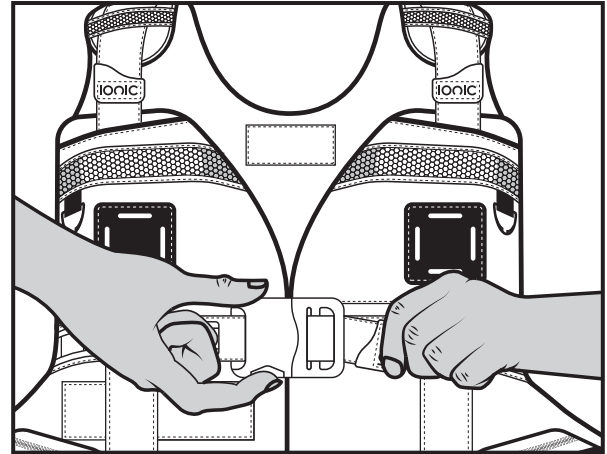


Before donning make sure that the shoulder and side compression straps are fully extended.

Don the PFD and starting from the bottom push the three SR buckles together until they lock as shown. (see illustration in fig 3)

Adjusting the PFD

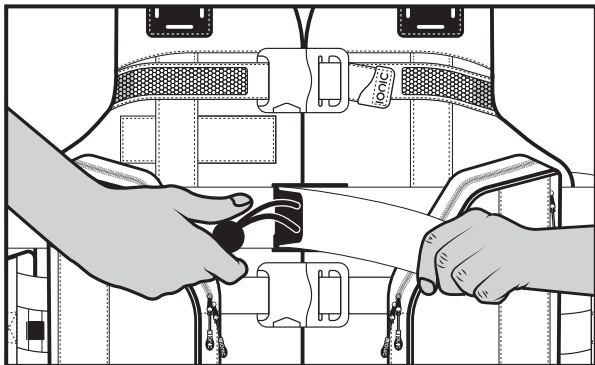
Fig 4



Tighten the top black webbing strap by holding the buckle with one hand and pulling the black webbing strap to the left with the other hand as shown. (see illustration in fig 4)

Adjusting the quick release belt

Fig 5



1. FOR IN WATER RESCUE OPERATIONS: thread the webbing through the plastic quick-release buckle only as shown. (see illustration in fig 6)

2. FOR BANK BASED OPERATIONS AND BELAYING: thread the webbing through both the plastic buckle and metal back-plate to prevent the harness slipping under load, as shown. (see illustration in fig 7)

Fig 6

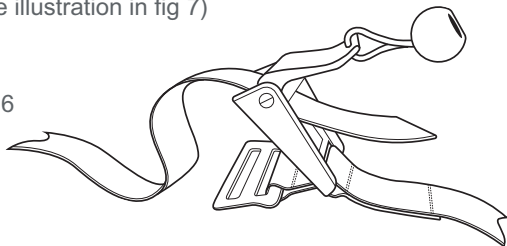
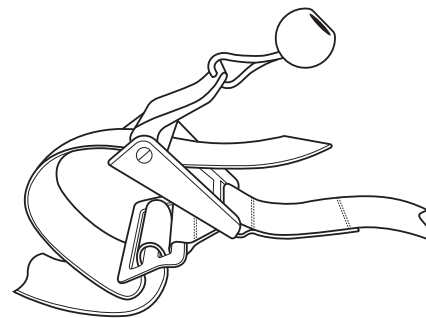


Fig 7



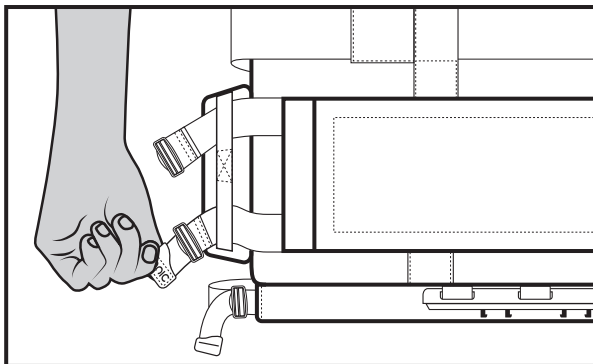
Close the buckle firmly checking that the webbing is not twisted during threading.

It our recommendation that the webbing tail end should not be cut/trimmed unless it is your own specific PFD as this could cause problems for others using the same PFD. However if the webbing tail end is judged to be excessively long, then we would recommend that you review the sizing of your PFD, as it is possible you might be wearing the incorrect size.

USER NOTICE: When trimming/shortening the harness webbing tail end with either a hot knife or similar, then you must make sure you cut/trim the webbing cleanly without leaving any molten residue or lip which could affect its release through the Cam Buckle. Some brands of PFD's are fitted with an extra-long chest harnesses which will generally increase the need to trim the harness webbing.

Adjusting the PFD

Fig 8



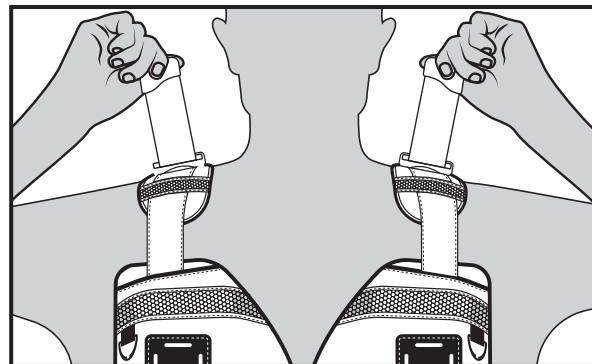
To ensure the PFD is fitted correctly, tighten the side compression straps.

Starting with the bottom two straps, hold them both and pull forward simultaneously to tighten. Repeat process for the next two side straps. (see illustration in fig 8)

Please ensure that the PFD is adjusted so it fits snug around the body to avoid the PFD riding up the body, which can cause problems in use.

Adjusting the PFD

Fig 9



Finally take the two shoulder straps and pull forward simultaneously to ensure the correct adjustment. The personal flotation device should fit snug around the body.(see illustration in fig 9)

Crotch Straps / Leg Straps

When the PFD is fully adjusted, attach the crotch straps into the buckles located on the front of the PFD, and adjust.

USER NOTICE: We recommend the use of the leg straps on the PFD, however the Pro Matrix can be used with the leg straps removed based upon your own/organisations risk assessment and operating procedures.

Removing the PFD

To remove the PFD reverse the procedures previously listed. To release the SR buckles, squeeze the red button.

If the PFD is for personal use leave all the adjustable straps as they are, to assist with future donning.

Care and Maintenance

1. It is recommended that you regularly inspect your personal flotation device including the buckles, stitching, webbing and the outer fabric cover for any signs of excessive wear or damage.
2. A full annual inspection is recommended as part of any Standard Operational Procedure. If any significant damage is found, the PFD should be removed from service and returned to either your local supplier or to Safequip Ltd, for further inspection.
3. Following use the PFD should be rinsed with fresh water to remove any dirt or salt residue, as this will cause premature wear. If the PFD has been exposed to contamination, please contact Safequip for details of what products are recommended to de-sanitise the PFD.
4. Hang to dry and store away from direct sunlight or radiant heat source and then stow in a kit bag or locker.
5. It is recommended that following 5 years use the PFD should have a buoyancy test.
6. For PFD testing and servicing, please contact service@safequip.co.uk for further information.
7. The recommended product lifespan for the Pro Matrix is 10 years from the date of issue.

PFD Accessories

Part Numbers

SAF33067 Replacement Crotch Straps

SAF61011 Elasticated Cowtail without Karabiner
(not supplied with PFD)

SAF33052 Waterproof reflective ID Badge for the PFD as illustrated (see illustration in fig 10)
(not supplied with the PFD)

SAF33066 Coxis Protector
(not supplied with the PFD)

SAF33068 Replacement Rear Stowage Pouch



Fig 10

Document Downloads

- To download a copy of this user manual, please visit www.safequip.co.uk and click on Learning Zone, followed by Product User Manuals
- To download a copy of the EU & UKCA Certificates of Conformity, please visit www.safequip.co.uk and click on Learning Zone, followed by Certificates of Conformity.



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