



IST ProEar Diving Mask - User Manual

Introduction

Congratulations! You are now the owner of the revolutionary IST ProEar Mask. As it introduces a completely new concept in diving safety and comfort, it may take a dive or two to fully adjust to all the benefits the ProEar offers. The mask features silicone ear cups and equalization tubes. Perfect for both diving and snorkeling, the ProEar mask provides the following advantages:

- Improved comfort and prevention of painful ear issues while diving
- Enhanced hearing and directional sensitivity underwater
- Simplified pressure equalization
- Increased warmth around the ears by insulation from the water

Note: For experienced swimmers only, and after receiving training from a professional.

Preparation

Before using your new mask for the first time, thoroughly clean the mask lenses with a mild liquid cleaner or toothpaste to remove any manufacturing residues, then rinse them with fresh water.

Wearing the Mask

When putting on the mask, it is recommended to hold the ear cups in the palms of your hands while gently pulling the entire mask over your head. Do not use excessive force to avoid damage. Also ensure:

- As little hair as possible gets into the silicone ear cups and mask edges.
- Both ears are fully covered.
- The seal is not bent or deformed to avoid leaks.

It would be helpful for your dive buddy to check the seal for you.

Checking the Seal

After putting on the mask, pull the strap lightly tight and check the seal by inhaling through your nose. The mask should be drawn to your face by the vacuum. The ear cups should also respond to the vacuum by slightly pulling inward. Do not enter the water if there are any leaks.

In Case of Leaks

- Check if all silicone edges (mask and ear cups) are lying flat without any folds.
- Check for hair or other objects caught between the edges and your skin.

Adjusting the Strap

Ensure the mask fits snugly but not too tightly. It should sit comfortably at the back of your head. Note that the strap may sit slightly lower than usual due to the configuration of the ear cups. It may take a little adjustment time, but it does not affect the functionality of the ProEar diving mask.

Diving

Before diving, treat the ProEar mask with anti-fog solution as usual. Start your dive by descending slowly and gently blowing air through your nose. Air will flow through the tubes and one-way valves (which prevent water backflow in case of flooding), which may whistle if you blow too forcefully into the ear cups. By exhaling through your nose, the pressure inside the mask and ear cups will equalize, creating a “closed system” with ambient pressure. Do not blow too forcefully. You may also need to occasionally pinch your nose (as usual) to perform the Valsalva maneuver to assist with pressure equalization.

Diving with a Hood

When diving with the ProEar mask under conditions that require a hood, use the specially designed IST ProEar Hood (Item number HD-6).

Mask Leakage

In the unlikely event that water enters the ear cups during diving (due to leakage or mask removal), water can be expelled by gently tilting your head upwards and exhaling through your nose while pressing the top of the ear cups and mask tightly against your head. Water can also be expelled from just one ear cup by clamping the equalization tube of the opposite ear cup. The increased air volume will force the water out through the drainage openings at the bottom of the ear cups. This can easily be done with both hands.

Please note that in the case of sudden flooding, water may enter the ear canal, but no pressure difference will be felt, as the entire system will always be under the same ambient pressure. Please practice this procedure in shallow water before using the mask in open water.

Post-Dive Care

After each dive, carefully clean the mask with fresh water and mild detergent, and allow it to air dry completely before storing. Do not expose the mask to direct sunlight.

Additional Information

This mask complies with the requirements of EU Regulation 2016/425. For more details, refer to the Declaration of Conformity.

The manufacturer/importer assumes no liability for damages resulting from improper use.

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