Congratulations on your purchase!

Your new helmet is the result of ongoing research aimed at improving every aspect of safety, design, wearability, and comfort. Aerodynamic and ergonomic design, shell lightness, general comfort and customized ventilation systems, easy-to-use and practical controls. All designed and optimized to achieve superlative performances and maximum comfort.

Warning! This manual is an integral part of the helmet. Carefully read and follow the instructions for use provided herein, and keep this manual for the whole life of the helmet. For more information about the correct use and about all the accessories available, please contact your dealer or an authorized Airoh dealer.

Failure to observe these instructions may reduce the protection provided by the helmet.

1. Retention System: D-D Rings Retention System

The D-D Rings retention system, certainly the most used in competitive sports, is made of:

- High-tensile aluminum retention rings.
- Retention strap with snap fastener on the tip that prevents the free strap end from fluttering.
- Removable comfort padding, made of soft breathable and hypoallergenic fabric for superior comfort.
- Red quick release flap, fitted on one of the rings. It allows for a quick release of the retention strap simply by pulling it.

Warning! The D-D Rings retention system works effectively only if the strap has been properly introduced into the retention rings, see Fig.1. When using the helmet, make sure it is fastened properly.

According to the current European type approval standard ECE 22 the rider should be able to wear and take off the helmet without removing completely the strap from the rings, in order to prevent an improper use of the helmet and also to avoid that the helmet is not properly fastened. For this reason the helmet is provided with the strap properly introduced into the rings and already fastened to the rings.

Warning! Never remove the strap end from the rings. If, while cleaning or performing maintenance, the strap slips off the rings, properly fasten the strap again before use as shown in Fig.1. Once the strap has been introduced into the rings, wear the helmet and fasten it as per specific instructions, checking retention and take off procedures.

Warning! The red fastener on the strap end is merely used to prevent the free strap end from fluttering; it is not part of the retention system Fig.2.

Moreover, the system is equipped with a red strap for quick release. Just pull as indicated in Fig.3 to activate it.

Warning! Use the red strap only to remove the helmet; never use it while riding.

Instructions for Use:

To wear the helmet:

- Check that the retention system is fastened as indicated in Fig.1.
- Unfasten the red strap end snap fastener, Fig.2.
- Loosen the strap by pulling the quick release red flap, without removing it completely from the rings, Fig.3.
- Pull the chin strap towards the front side of the helmet with your thumbs, so as not to interfere with the face, and wear the helmet.
- Pull the free strap end until the strap presses on your chin; adjust the retention system tension as per specific indications.
- Engage the male and female snap fasteners to prevent the strap from fluttering, Fig.2.

Now try to slide off the helmet from the head by pulling it from the back edge. If the helmet tends to slip off your head, repeat the adjustment by further tightening the strap end and try to slide off the helmet again; helmet, when fastened, should not move as your head.

To remove the helmet:

- Unfasten the strap end snap fastener.
- Pull the red strap as indicated in Fig.3, and loosen the strap without removing it from the rings.
- Pull the pre-fastened strap towards the front side of the helmet with your thumbs, so as not to interfere with the face.
- Remove the helmet from your head.

**Warning!** Always check the fastening strength of the strap by pulling the chin strap and rotating the helmet forward on your head. Tampering or other events which could compromise the effectiveness of the system should never be excluded. If the double ring retention system does not work properly, check it is correctly adjusted; otherwise avoid using the helmet.

2. **Outer shell** Fig. 4.

The outer shell has been designed in 3 different fits, it is made of layers of composite fibre fabrics, kevlar and Carbon. The lay-up technology, which is completely made by hand, includes top ribbing that hardens the shell and increases its resistance and ensures the best shock absorption performance.

3. **Inner Comfort**

The inner comfort provided with this helmet is only one of the parts that, together with the other following technical and structural components, makes this product the best in comfort and fit.

The inner is completely removable and washable and it includes the comfort liner and the comfort cheek pads.

All the fabrics used are subjected to the Sanitized® sterilization treatment, that through its antibacterial action prevents unpleasant smells ensuring freshness over long periods.

3a. **Comfort liner** easily removable and washable, it is made of a single piece but it is composed of several parts, each having a specific function, see Fig. 5:

- **Elastofibre microfoam Sanitized® fabric:** Used in the areas where superior softness and good breathability are required, achieved by rapidly dispersing perspiration. Used mainly on contact points and therefore on head comfort points.

- **Netting:** Used where high breathability is needed; with its holes on the net and its particular open-cell sponge cloth on the back of the fabric, it rapidly disperses humidity and inner heat. Used mainly on contact points where more thermal exchange is recommended and necessary.

- **Air intake:** They are located next to the main air ducts and improve optimum air circulation and air flow inside the helmet.

- **Roll-neck:** Located in the back part, it improves comfort and helmet stability on the neck of the neck by reducing the air intake and the noise inside the helmet.

- **Fastening frame and snap fasteners:** Made to keep the liner in the correct position; they are practical and efficient also when disassembling the liner to clean it or replace it.

3b. **Removable comfort cheek pads,** with red emergency strap, Airoh Emergency Fast Remove, easily removable and washable, they are made of the following materials, see Fig. 6:

- **Elastofibre microfoam fabric:** Used in the cheek area, where superior softness and good breathability are required, achieved by rapidly dispersing perspiration.

- **Netting:** Used where high breathability is needed; with its holes on the net and its particular open-cell sponge cloth on the back of the fabric, it rapidly disperses humidity and inner heat.

- **Triple density sponge cloth:** The inner sponge cloth is made of layers with different density in order to guarantee a good helmet stability thanks to the pressure it makes on cheeks, even at high speed, and keeping at the same time high levels of comfort.

- **Snap fasteners and fastening flaps:** Made to keep the cheek pad in the correct position; they are comfortable and efficient also when disassembling the liner to clean it or replace it.

3c. **Fastening frame** easily removable and washable, it is made of a single piece but it is composed of several parts, each having a specific function, see Fig. 5:

- **Elastofibre microfoam Sanitized® fabric:** Used in the areas where superior softness and good breathability are required, achieved by rapidly dispersing perspiration.

4. **Removal of the cheek pads,** see Fig. 5.

4a. To disassemble the cheek pads, see Fig. 7, and comfort liner, see Fig. 8:

1) Pull the cheek pad from the upper part toward the inside of the helmet by unfastening the three snap fasteners, Fig. 7A.

2) Pull the first cheek pad downward, release the two fastening bayonet, Fig. 7B and remove the cheek pad; repeat the operation with the other cheek pad.

3) Pull all the back of the liner and release the snap fasteners from the back side, Fig. 8A.

4) Pull the back of the liner and release the fastening flap from the front side, Fig. 8B, then remove the liner.

It is now possible, if necessary, to remove the padding of the chin strap, see Fig. 9:

1) Open the chin strap by removing the strap as per specifications shown in paragraph "Detaching System".

2) Pull the polystyrene cheek pad toward the inside of the helmet and release it from its seat taking care not to fold it so as to prevent damage and cracks to the inner polystyrene, Fig. 9A.

3) Remove the cheek pads by pulling them out of the chin strap, Fig. 9B 9C.

4) Release the fixing veins of the padding and remove it from the chin strap; Fig. 9D 9E 9F.

5) Repeat steps 3 and 4 on the opposite side.

Follow the above instructions in reverse order to fit the cheek pads and inner comfort.

**Important:** It is possible to buy thicker or thinner liners and cheek pads in order to customise and improve comfort.

3d. **Inner chin guard with protective mesh netting and dust filter,** see Fig. 10.

- **Protective chin guard in controlled density polyurethane foam:** Fixed to the shell, with its special structure, its primary function is to protect the chin area against impact.

- **Protective mesh netting:** Inserted in the front part of the chin guard, it improves air intake in that area and limits the intake of any insects and small stones.

- **Removable and washable dust filter:** Inserted directly in the chin guard, it improves air intake to that area and filters out any dust and insects.

The filter can easily be removed and washed; to remove the filter pull the inner cover toward the inside of the helmet, by lowering on the lower part, until it comes off, remove the cover and take out the filter as shown in Fig. 10A. To assemble it, position the filter in its specific seat and then press the cover on, making sure that it is correctly fastened to the chin guard, as shown in Fig. 10B.

**Warning!** Once finished, remember to always pre-fasten the helmet strap, as shown in Fig. 1.

- Wear the helmet and check that the liner is correctly fitted. If this is not the case, carry out the required adjustments.

**Warning!** The inner polystyrene shell should be washed in water with mild soap only. Dry with a sponge and cold air; do not expose to heat sources.

**Warning!** Do not modify or tamper with the polystyrene inner shell and do not paint or apply stickers, petrol or any other chemical solvents.

**Warning!** Wear and take off the helmet after each assembly, to see if it fits correctly.

3e. **Removable Nose Protection Rubber**

The particular shape of the nose protector protects the nose from stones, in addition it conveys stale air downwards, improving comfort and safety, Fig. 11. Made of soft rubber, it can easily be taken out and washed.

To remove it, pull it to the top of the helmet by releasing the fastening flaps from their seats on the shell. To assemble it, insert the flaps in their special seats by inserting and pressing on the central part first and then on the sides.
3e. Additional details that contribute to improving general comfort:

- **Outer shell available in 3 sizes:** in order to have the right size for each rider.

- **Anatomical Epa inner shell:** made on the basis of average measurements of the skull and personalized in the inner anatomical shape by Airoh experience, following years of research and experiments in competitive sports and outside. Wide air ducts inside the shell, together with appropriate vents on the inner comfort liner, facilitate excellent inner helmet climate control and comfort.

- **Low weight.** Low noise inside the helmet: thanks to the innovative materials employed, the load on the neck and the noise, especially in extreme conditions, are reduced to a minimum.

- **Excellent aerodynamics:** the particular shape, position of the air ducts and the spoilers drastically reduce turbulence outside the helmet, stabilizing the air flows on the back, which is the main source of noise.

- **Ventilation:** better described in the specific paragraph, it improves the helmet climate control by increasing ventilation and general comfort.

6. **Adjustable Peak** Fig 12.

The aerodynamic peak can be easily and quickly adjusted to allow a customized adjustment for any condition and use. The aerodynamic design and the large openings ensure optimal air flow from the back, thus reducing the upper wing effect and avoiding excessive pressure on the neck.

To adjust the position, loosen the upper fixing screw and the two lateral ones; adjust the peak until perfectly fit and tighten the screws to fix the position you choose Fig.12.A. To remove the peak loosen and remove the upper fixing screw and the two lateral ones; then remove the peak, Fig.12 B.

7. **Peak extensions Fig.13.**

Peak extension: It is standard for the "short" (18 mm) peak version and for the "long" version (55 mm) it is also available in the package, Fig.13 A. Their main function is to extend the peak thus making it more versatile and adaptable to different weather and visibility conditions.

It is a component that can easily be removed and interchanged; fixed with two screws, to remove it just unscrew them with the 2mm Allen wrench (Airoh) provided as standard equipment, Fig.13 B.

8. **Complete Integrated Ventilation** Fig.14

Inner ventilation in this helmet is the result of aerodynamic research and of Airoh experience in testing on the racecourse and on competitions directly. It is visible from the outside thanks to the 12 air ducts perfectly integrated and located to reach the best performance. It is also located inside the shell, thanks to the air ducts that enable and guarantee optimized air exchange and comfort.

- **Adjustable front aerators, for air intake.** Since the double front air intakes are positioned under the peak and built into the comfort inner flap, they can convey fresh air directly inside the helmet near the upper intake ports of the air ducts Fig.14A.

- **Rear Spoiler.** With its special shape it is dual action; air extractor and stabilizing spoiler. The rear extractor and the particular shape of the shell in that position drastically reduce the noise, Fig.14B.

- **Chin guard aerators.** Chin guard air intakes with protective mesh netting. They convey fresh air directly towards the mouth ensuring a constant change, the mesh netting prevents foreign bodies from entering the helmet, Fig.14C.

- **EPS inner shell with air ducts and vents.** They collect fresh air through all air intakes and circulate it inside the helmet. They also collect stale air and convey it towards the outlet vents.

- **Built-in Lower Extractor.** Fully integrated into the rear inner fastening frame, it conveys the hot air from all the internal ducts directly outside the helmet; its special shape and the flaps improve exhaust and optimise aerodynamic behaviour in that area, Fig.14D.

- **Adjustable Upper Aerators.** Aerators positioned on the top of the shell and directly linked to the inside of the helmet by large diameter holes. They allow a large quantity of fresh air from outside to enter directly near the top of the head. The protective mesh netting prevents the entry of foreign bodies into the helmet, Fig.14G.

The air intake can be cut off by means of special Upper Aerators Covers, shown in point H below.

G. **Upper Aerator Covers**

Special spoiler covers for application on the Upper Aerators, Fig.14H. Their primary function is to completely modify the use of the Upper Aerators and reverse the helmet's air flow from intake to exhaust. In particular conditions of use, bad weather, rain, mud, these covers can be applied directly over the upper aerators; this prevents the intake of air and mud inside, thus facilitating the exhaust of hot air from the top of the helmet and improving its internal air conditioning.

The covers can be applied with particular ease and are fixed in place with the same aerator fixing screws with the special 2 mm Airoh Allen Key. To apply them, just unscrew and remove the aerator fixing screws without taking the aerators off; then position the respective covers and tighten the same screws, Fig.15. Warning, tighten the screws no more than ¼ of a turn.

9. **Lower Protection Rubber**

Lower protection rubber protects the lower edge of the helmet.

10. **Top Painted Surface**

Painted and UV-coated outer shell to preserve the durability and shine of its colour over time.

Fig.16, Locatelli S.p.A. accepts no liability for damages resulting from falls, even accidental ones, that could provoke cuts and/or abrasions.

11. **Accessories and Spare Parts**

The helmet is sold in the standard configuration available in the original packing. Specific spare parts for this model - indicated in Fig. 17 - may be purchased at an Airoh dealer.

Warning! Only use helmet specific spare parts from the Airoh after sales service.

Warning! Non-compliance with the above-mentioned instructions shall release Locatelli S.p.A. from any responsibilities in case of improper use of the helmet.