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## Airoh Ai54a13111dbc-l

# Airoh Commander 2 Helmet

## USER MANUAL

### 1. Introduction

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Welcome to the user manual for your new Airoh Commander 2 Helmet. This helmet is engineered for adventure and motorcycle touring enthusiasts, offering versatility and advanced safety features. The Commander 2 can be configured in three different versions to suit various riding conditions and preferences. This manual provides essential information on the helmet's features, proper use, maintenance, and safety guidelines to ensure a safe and enjoyable riding experience.

### 2. Safety Information

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Your safety is paramount. The Airoh Commander 2 Helmet incorporates advanced safety systems to protect you during your rides.

- **ECE 22 06 Approved:** This helmet meets the stringent ECE 22 06 safety standards, ensuring a high level of protection.
- **ASN System:** The Airoh Sliding Net (ASN) system is designed to absorb impact energy and reduce rotational forces transmitted to the head.
- **AEFR System:** The Airoh Emergency Fast Release (AEFR) system allows for quick and safe removal of cheek pads in case of an emergency, facilitating helmet removal by trained personnel.
- **Proper Fit:** Always ensure your helmet fits snugly and securely. A helmet that is too loose may not provide adequate protection. Refer to the sizing guide for proper fitment.
- **Inspection:** Regularly inspect your helmet for any signs of damage, such as cracks, dents, or worn straps. Do not use a damaged helmet.
- **Cleaning:** Use only recommended cleaning agents and methods to avoid damaging the helmet's materials and protective coatings.

### 3. Product Overview

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The Commander 2 is designed with innovative features to enhance your riding experience.



**Figure 3.1:** Front-side view of the Airoh Commander 2 Helmet in Black Gloss. This image highlights the overall design, visor, and peak.



**Figure 3.2:** Side view of the Airoh Commander 2 Helmet, showcasing the visor pivot mechanism and side ventilation ports.



**Figure 3.3:** Rear view of the Airoh Commander 2 Helmet, highlighting the rear spoiler design and exhaust vents for airflow.

### Key Features:

- **Shell Construction:** Available in Full Carbon 6K or Composite Carbon, offering lightweight strength and protection.
- **Ventilation System:** Sophisticated system engineered in a wind tunnel for optimal airflow and comfort, featuring 5 vents.
- **Extra Wide Vision Visor:** Provides an expansive field of view, enhancing situational awareness.
- **A3S (Airoh Automatic Antifog System):** Integrated system to prevent visor fogging.
- **Visor Locking System:** Ensures the visor remains securely closed during rides.
- **Pinlock® 120 XLT Max Vision Lens:** Included for superior anti-fog performance in various conditions.
- **Versatile Configuration:** Can be used in three different versions (e.g., with peak and visor, without peak, without visor) to adapt to different riding styles and environments.

## 4. Setup

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Before your first ride, ensure the helmet is properly set up and fitted.

1. **Sizing and Fit:** Choose the correct helmet size for a snug, comfortable fit. The helmet should not move freely on your head when shaken. Airoh offers three different shell sizes to optimize fit.
2. **Chinstrap Adjustment:** Secure the buckle closure firmly under your chin. The strap should be tight enough that you cannot pull the helmet off your head when the strap is fastened.
3. **Visor Installation (if removed):** Align the visor with the pivot points on the helmet and snap it into place. Ensure it operates smoothly and locks securely.
4. **Pinlock Lens Installation:** If not pre-installed, carefully fit the Pinlock 120 XLT Max Vision lens onto the visor's pins, ensuring a tight seal to activate its anti-fog properties.
5. **Configuration Adjustment:** If you wish to change the helmet's configuration (e.g., remove the peak for street use or the visor for off-road goggle use), refer to the specific instructions provided with your helmet for safe modification.

## 5. Operating the Helmet

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Understanding how to operate the helmet's features will enhance your riding comfort and safety.

- **Ventilation System:** The helmet features multiple vents (5 in total) designed for optimal airflow. Locate the intake vents (typically on the chin bar and forehead) and exhaust vents (at the rear). Open or close these vents as needed to regulate internal temperature and airflow.
- **Visor Operation:** The visor can be opened and closed manually. It features a locking mechanism to keep it securely shut at high speeds or during impacts. To open, disengage the lock (if present) and lift the visor. To close, pull it down until it clicks into the locked position.
- **A3S Antifog System:** The A3S system works automatically to prevent fogging. Ensure your Pinlock lens is correctly installed for maximum effectiveness.
- **Chinstrap Release:** To remove the helmet, release the buckle closure. Ensure the strap is fully disengaged before attempting to take off the helmet.

## 6. Maintenance

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Proper maintenance will extend the life of your Airoh Commander 2 Helmet and ensure its continued performance.

### Cleaning:

- **Shell:** Clean the helmet's outer shell with a soft cloth and mild soap and water. Avoid harsh chemicals, solvents, or abrasive cleaners, as these can damage the finish and materials.
- **Visor:** Clean the visor with a soft, damp cloth and mild soap. For the Pinlock lens, follow its specific cleaning instructions, usually just warm water and a soft cloth, avoiding rubbing the inner surface.
- **Interior Padding:** The interior padding is often removable for washing. Hand wash with mild soap and water, or follow specific care instructions if machine washable. Allow to air dry completely before reinserting.
- **Vents:** Use a soft brush or compressed air to clear any debris from the ventilation openings.

### Storage:

Store your helmet in a cool, dry place away from direct sunlight and extreme temperatures. Use a helmet bag to protect it from dust and scratches. Do not store heavy objects on top of the helmet.

## 7. Troubleshooting

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This section addresses common issues you might encounter with your helmet.

- **Visor Fogging:** Ensure the Pinlock 120 XLT Max Vision lens is correctly installed and sealed against the visor. If fogging persists, check for proper ventilation or consider using an anti-fog spray on the outer visor surface (avoiding the Pinlock).
- **Excessive Noise:** Check that the visor is fully closed and locked. Ensure all vents are properly closed if you desire less airflow. A proper fit is crucial for minimizing wind noise.
- **Loose Fit:** If the helmet feels loose over time, check if the interior padding needs to be re-seated or replaced. Ensure the chinstrap is adjusted correctly.
- **Stuck Vents/Mechanisms:** Clean any dirt or debris from the vent mechanisms or visor pivots. Apply a silicone-based lubricant sparingly if necessary, avoiding contact with the visor surface.

For issues not covered here, or if problems persist, please contact Airoh customer support or an authorized dealer.

## 8. Specifications

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Detailed specifications for the Airoh Commander 2 Helmet.

Feature	Detail
Model Name	Ai54a13111dbc-l
Brand	Airoh
Sport Type	Motocross, Off-road
Certificate Type	ECE 22 06 Approved
Finish Type	Glossy
Number of Vents	5
Shell Type	Hard
Shape	Oval
Closure Type	Buckle
Outer Material	COMPOSITE CARBON
Color	Black gloss
Size	Large
Item Weight	1.8 Kilograms
Package Weight	2.64 Kilograms
Item Package Dimensions (L x W x H)	15.79 x 12.8 x 12.32 inches
Model Year	2024
Included Components	Helmet.

## 9. Warranty and Support

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Your Airoh Commander 2 Helmet comes with a manufacturer's warranty to cover defects in materials and workmanship.

- **Warranty Period:** This product is covered by a **2-year manufacturer warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.
- **Warranty Coverage:** The warranty covers manufacturing defects. It does not cover damage resulting from accidents, misuse, improper maintenance, modifications, or normal wear and tear.
- **Claim Process:** For warranty claims or technical support, please contact your authorized Airoh dealer or visit the official Airoh website for customer service contact information. Be prepared to provide your helmet's model number and proof of purchase.

For further assistance or inquiries, please refer to the official Airoh website or contact their customer support.

