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Airoh Mth214

Airoh Mathisse II Helmet User Manual

Model: Mth214 | Part Number: ARH-AI59A13MT280C-S

1. INTRODUCTION

This manual provides essential information for the proper use, maintenance, and care of your Airoh Mathisse II Helmet. Please read this manual thoroughly before using the helmet to ensure safety and optimal performance. The Airoh Mathisse II is a versatile 2-in-1 helmet designed for various riding conditions, featuring a unique design and advanced safety features.

Key features include:

- Thermoplastic HRT shell construction
- ECE 2206 homologation for safety
- Double P/J homologation for use in both closed and open configurations
- Large visor with anti-fog position and Pinlock® 120 XLT lens included
- Innovative fabrics and treatments for interior comfort, including ASN system

2. SAFETY INFORMATION

Always prioritize safety when using your helmet. This helmet is designed to provide protection, but no helmet can protect against all possible impacts. Adhere to all local traffic laws and regulations.

- Ensure the helmet fits snugly and securely before every ride.
- Never modify the helmet's structure, shell, or internal components.
- Do not use solvents, gasoline, or abrasive cleaners on the helmet, as they can damage the shell and internal materials.
- Replace the helmet immediately after any significant impact, even if visible damage is not apparent.
- Keep the visor clean and free from obstructions for clear visibility.

3. SETUP AND FIRST USE

3.1 Helmet Fit

Proper fit is crucial for safety and comfort. The helmet should feel snug around your head without causing pressure points. It should not move freely when you shake your head.

1. Place the helmet on your head, ensuring the top of your head touches the top of the helmet.
2. Fasten the chin strap securely. It should be tight enough that you cannot pull the helmet off your head by pulling from the back.
3. Check for pressure points. If any areas feel uncomfortably tight, the helmet size may be incorrect.

3.2 Visor Installation/Adjustment

The Mathisse II comes with a large clear visor and includes a Pinlock® 120 XLT lens for anti-fog performance.



Figure 1: Front-side view of the Airoh Mathisse II Helmet with the clear visor in the closed position. This image shows the overall design and the integrated sun visor mechanism.

1. **Pinlock® Lens Installation:** Carefully align the Pinlock® lens with the pins on the inside of the main visor. Press firmly until the silicone seal creates a tight fit.

2. **Visor Removal/Reinstallation:** Refer to the quick-release mechanism on each side of the visor. Follow the arrows or indicators to unlock and remove the visor. To reinstall, align the visor with the mechanism and press until it clicks securely into place. Ensure both sides are properly engaged before riding.

4. OPERATING INSTRUCTIONS

4.1 Chin Bar Operation (Flip-Up Function)

The Mathisse II features a flip-up chin bar, allowing it to be used as both a full-face and open-face helmet (P/J homologated).



Figure 2: Side view of the Airoh Mathisse II Helmet with the chin bar in the fully open, flipped-up position. This demonstrates the helmet's versatility as a modular helmet.

1. To open the chin bar, locate the release button/lever, typically found under the front center of the chin bar. Press the button and lift the chin bar upwards until it locks into the open position.
2. To close the chin bar, firmly pull it down until it clicks securely into the closed position. Ensure it is fully latched before riding.

4.2 Integrated Sun Visor

The helmet includes an internal sun visor for protection against glare.



Figure 3: Side view of the Airoh Mathisse II Helmet with the main clear visor down and the internal dark sun visor deployed. This shows the dual visor system in action.

Operate the sun visor using the slider mechanism located on the side of the helmet. Slide it down to deploy the sun visor and up to retract it. Do not use the sun visor in low light conditions or at night.

5. MAINTENANCE AND CARE

5.1 Cleaning the Helmet Shell

Clean the helmet shell with a soft cloth and mild soap and water. Avoid abrasive cleaners, solvents, or harsh chemicals, as these can damage the helmet's finish and materials.

5.2 Cleaning the Visor and Pinlock® Lens

Clean the visor with lukewarm water and a soft cloth. For the Pinlock® lens, use only lukewarm water and a soft, damp cloth. Do not rub the inner surface of the Pinlock® lens vigorously, as this can damage the anti-fog coating. Allow both to air dry.

5.3 Interior Lining Care

The interior lining of the Mathisse II helmet is removable for cleaning. Hand wash the lining with mild soap and cold water. Rinse thoroughly and allow to air dry completely before reinserting into the helmet. Do not machine wash or tumble dry.

5.4 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.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Visor fogs up easily	Pinlock® lens not installed correctly or damaged; extreme temperature/humidity differences.	Ensure Pinlock® lens is properly sealed. Clean Pinlock® lens. Replace if damaged. Utilize anti-fog position.
Chin bar does not lock securely	Mechanism obstructed or damaged.	Check for debris in the locking mechanism. Ensure firm closure. If issue persists, contact support.
Helmet feels too loose or too tight	Incorrect size.	Ensure correct size was purchased. Inner padding may be replaceable for minor adjustments.

7. SPECIFICATIONS

Feature	Detail
Model Name	Mth214
Part Number	ARH-AI59A13MT280C-S
Brand	Airoh
Outer Material	Thermoplastic HRT
Homologation	ECE 2206, Double P/J
Style	Flip-Up (Modular)
Weight	Approximately 1680 Grams
Included Components	Helmet, Pinlock® 120 XLT lens

8. WARRANTY INFORMATION

The Airoh Mathisse II Helmet comes with a **2-year manufacturer warranty**. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, accidents, modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

For detailed warranty terms and conditions, please refer to the official Airoh website or contact customer support.

9. CUSTOMER SUPPORT

If you have any questions, require assistance, or need to make a warranty claim, please contact Airoh customer support through their official channels. Visit the official Airoh website for contact information and frequently asked questions.

Official Website: www.airoh.com

