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> [Airoh Spark Full-Face Helmet User Manual](#)

Airoh Specktre (SPEC14)

Airoh Spark Full-Face Helmet User Manual

Model: Specktre (SPEC14)

1. INTRODUCTION

Welcome to the user manual for your Airoh Spark Full-Face Helmet. Engineered with HRT (High Resistant Thermoplastic) and aggressive, aerodynamic lines, this helmet is designed to provide optimal comfort and safety in various riding conditions. Developed in the wind tunnel and available in two different shell sizes, the Spark is built to ignite your passion for motorcycling, regardless of your destination.

2. KEY FEATURES

- **HRT (High Resistant Thermoplastic) Shell:** Provides robust protection with a lightweight design.
- **Aerodynamic Design:** Optimized in a wind tunnel for reduced drag and improved stability.
- **Two External Shell Sizes:** Ensures a precise and comfortable fit for various head sizes.
- **Extra-Wide Visor:** Offers an expansive field of vision for enhanced awareness.
- **Integrated Sun Screen Visor:** Provides convenient sun protection with an easy-to-use mechanism.
- **Bluetooth-Ready:** Designed for easy integration of communication systems.
- **Stop Wind:** Reduces wind noise and turbulence inside the helmet.
- **Pinlock Included:** Prevents fogging of the main visor for clear vision in all weather conditions.

3. SAFETY INFORMATION

Always prioritize safety when using your helmet. Ensure the helmet fits snugly and securely before every ride. Never modify the helmet's structure or components, as this can compromise its protective capabilities. Replace your helmet immediately if it has been involved in an impact, even if visible damage is not apparent. Always follow local traffic laws and regulations.

For optimal protection, ensure the chin strap is securely fastened and adjusted to prevent the helmet from moving excessively on your head. The helmet is designed to absorb impact energy by partial destruction of the shell and liner. This damage may not be visible. Therefore, if the helmet has sustained an impact, it should be replaced.

4. SETUP AND INITIAL USE

4.1. Unpacking and Inspection

Carefully remove the helmet from its packaging. Inspect the helmet for any signs of damage that may have occurred during shipping. Check the visor, sun screen, ventilation systems, and chin strap for proper function and integrity.

4.2. Fitting the Helmet

To ensure proper fit, the helmet should feel snug around your head without causing pressure points. It should not move freely when you shake your head. If the helmet is too loose, it will not provide adequate protection. If it's too tight, it will be uncomfortable and may impair circulation.

1. Place the helmet on your head, ensuring it sits level and covers your forehead.
2. Fasten the chin strap securely. The strap should be tight enough so that you can only fit one finger between the strap and your chin.
3. With the strap fastened, try to roll the helmet forward and backward. It should not move significantly.
4. Check your field of vision. The extra-wide visor should provide clear, unobstructed views.

4.3. Visor Installation and Adjustment

The main visor and integrated sun screen visor are pre-installed. For removal or replacement, consult the specific instructions provided with your helmet or visit the Airoh official website for detailed guides. Ensure the Pinlock insert is properly seated for anti-fog performance.



Figure 1: Front view of the Airoh Spark Full-Face Helmet in white gloss. This image shows the main visor and the overall aerodynamic shape of the helmet.

5. OPERATING THE HELMET FEATURES

5.1. Main Visor Operation

The main visor can be opened and closed using the tab located at the bottom center. It features multiple detent positions to allow for partial opening for ventilation. To fully open, lift the visor until it locks into the uppermost position. To close, pull it down until it securely latches.

5.2. Integrated Sun Screen Visor

The integrated sun screen visor is operated by a slider mechanism, typically located on the left side of the helmet near the pivot point of the main visor. Slide it down to deploy the sun screen and up to retract it. Use this feature to reduce glare in bright conditions.



Figure 2: Side view of the Airoh Spark Full-Face Helmet with the chin bar raised, revealing the internal sun visor. This demonstrates the modular functionality of the helmet.

5.3. Ventilation System

The Airoh Spark helmet features multiple vents for optimal airflow. Locate the chin vent and top vents. These can be opened or closed by sliding the respective mechanisms to control air intake and exhaust, helping to keep you cool and reduce visor fogging.

6. MAINTENANCE AND CARE

6.1. Cleaning the Helmet Exterior

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

6.2. Cleaning the Visors

Remove the main visor and Pinlock insert before cleaning. Clean visors with lukewarm water and a soft microfiber cloth. For stubborn dirt or insects, soak the visor in water for a few minutes before gently wiping. Do not use abrasive materials or chemical cleaners. Allow to air dry or gently pat dry with a clean, soft cloth.

6.3. Interior Liner Care

The interior comfort liner is removable and washable. Refer to the specific instructions for removing the liner. Hand wash with mild soap and cold water, or machine wash on a gentle cycle in a laundry bag. Air dry completely before re-installing into the helmet. Ensure no moisture remains to prevent mildew.



Figure 3: Rear view of the Airoh Spark Full-Face Helmet in white gloss. This view highlights the rear ventilation and the overall sleek design.

6.4. 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. Do not store the helmet near chemicals or solvents.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Visor fogging	Temperature difference, high humidity, Pinlock not installed correctly.	Ensure Pinlock is properly seated. Open vents for increased airflow. Breathe downwards.
Helmet feels too loose/tight	Incorrect size, chin strap not adjusted.	Verify helmet size. Adjust chin strap for a snug fit. Consider different cheek pads if available.
Excessive wind noise	Vents open, poor fit, "Stop Wind" not engaged.	Close vents if not needed. Ensure helmet fits snugly. Check "Stop Wind" mechanism.
Sun screen visor not retracting/deploying smoothly	Dirt or debris in mechanism, mechanism worn.	Clean the area around the slider mechanism. If issue persists, contact Airoh support.

8. SPECIFICATIONS

Model Name: Specktre

Model Number: SPEC14

Manufacturer Serial Number: ARH-AI45A13SPK80C-XL

Brand: Airoh

Shell Material: HRT (High Resistant Thermoplastic)

Helmet Type: Full-Face

Color: White Gloss

Weight: Approximately 1.5 Kilograms

Certifications: ECE (as per product data)

Special Features: Extra-Wide Visor, Integrated Sun Screen Visor, Bluetooth-Ready, Stop Wind, Pinlock Included.

9. WARRANTY AND SUPPORT

Airoh helmets typically come with a manufacturer's warranty covering defects in materials and workmanship. The specific duration and terms of the warranty may vary by region and purchase date. Please retain your proof of purchase for warranty claims.

For technical support, warranty claims, or spare parts, please contact your authorized Airoh dealer or visit the official Airoh website. You can often find FAQs, detailed product information, and contact forms on their support pages.

Official Airoh Website: www.airoh.com (Please verify the exact URL as it may vary by region).