

## Shark HE4904EKMAL

# Shark SKWAL 2 Motorcycle Helmet User Manual

Model: HE4904EKMAL

## 1. INTRODUCTION

This manual provides essential information for the proper use, maintenance, and care of your Shark SKWAL 2 motorcycle helmet. Please read these instructions carefully before using your helmet to ensure maximum safety and to benefit from all its features. Keep this manual for future reference.

The Shark SKWAL 2 is a full-face motorcycle helmet constructed from durable polycarbonate, designed for rider safety and comfort. It features an integrated sun visor, a main visor prepared for Pinlock anti-fog inserts, and a secure micrometric buckle system.

## 2. SAFETY INFORMATION

Your helmet is a critical safety device. Always wear it correctly. Improper use can lead to serious injury or death.

- **Fit:** Ensure the helmet fits snugly and comfortably. A helmet that is too loose may not provide adequate protection.
- **Retention System:** Always fasten the micrometric buckle securely under your chin. The strap should be tight enough so that the helmet cannot be pulled off your head.
- **Visibility:** Keep your visor clean and free from obstructions. Use the integrated sun visor only in bright conditions and ensure it does not impair your vision.
- **Damage:** Never use a helmet that has been involved in an impact, even if there is no visible damage. The protective capabilities may be compromised.
- **Modifications:** Do not modify the helmet in any way (e.g., drilling, painting, attaching accessories not approved by Shark). This can weaken the helmet structure.
- **Chemicals:** Avoid contact with gasoline, cleaning fluids, paints, or other solvents, as they can damage the helmet's materials.

### 3. FEATURES OVERVIEW

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The Shark SKWAL 2 helmet incorporates several design elements for enhanced rider experience:

- **Polycarbonate Shell:** Lightweight yet robust construction for impact protection.
- **Integrated Sun Visor:** A retractable internal visor for glare reduction in varying light conditions.
- **Anti-Fog Visor:** Main clear visor is Pinlock-ready to prevent fogging (Pinlock insert included).
- **Scratch-Resistant Visor:** The main visor is treated to resist minor scratches.
- **Micrometric Buckle:** For quick, secure, and adjustable fastening.
- **Quick Visor Release System:** Allows for easy removal and installation of the main visor.
- **Eyewear System:** Designed to accommodate riders wearing glasses.

### 4. COMPONENTS OVERVIEW

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Familiarize yourself with the main components of your Shark SKWAL 2 helmet:



**Figure 4.1:** Front view of the Shark SKWAL 2 helmet, showing the main visor, chin vent, and top vent.



**Figure 4.2:** Side view of the Shark SKWAL 2 helmet, highlighting the visor mechanism and side profile.

**Guida alle taglie**

Per conoscere la taglia del tuo casco, devi misurare la circonferenza della testa. Per questo puoi aiutarti, ad esempio, con un metro o un filo. Una volta ottenuto questo valore troverete la taglia corrispondente.



**Dimensioni dello scafo**

La maggior parte dei caschi ha due calotte (parte esterna) per l'intera gamma di taglie. Se ci sono più conchiglie, puoi prenderne una più adatta alla dimensione della tua testa senza dover portare il peso e le dimensioni di una conchiglia troppo grande per te.

TAGLIE PER ADULTI	CIRCONFERENZA DELLA TESTA
XXS	51-52 cm
XS	53-54 cm
S	55-56 cm
M	57-58 cm
L	59-60 cm
XL	61-62 cm
XXL	63-64 cm
3XL	65-66 cm
4XL	67-68 cm

**Figure 4.3:** Rear view of the Shark SKWAL 2 helmet, showing the exhaust vents and rear spoiler design.



**Figure 4.4:** Front-side view of the Shark SKWAL 2 helmet with the main visor closed.

- **Outer Shell:** The rigid exterior providing primary impact protection.
- **EPS Liner:** Energy-absorbing foam layer inside the shell.
- **Comfort Liner/Padding:** Removable and washable interior padding for comfort and hygiene.
- **Main Visor:** Clear, scratch-resistant, Pinlock-ready shield for eye protection.
- **Integrated Sun Visor:** Tinted internal visor, operated by a slider.
- **Ventilation System:** Adjustable vents on the chin and top for airflow.
- **Retention System:** Micrometric buckle and chin strap for securing the helmet.

## 5. SIZING GUIDE

To determine the correct helmet size, measure the circumference of your head just above your eyebrows and ears. Refer to the table below for the corresponding size.



**Figure 5.1:** Illustration demonstrating how to measure head circumference for helmet sizing.

### Head Circumference Chart

Adult Size	Head Circumference
XXS	51-52 cm
XS	53-54 cm
S	55-56 cm
M	57-58 cm
L	59-60 cm
XL	61-62 cm

Adult Size	Head Circumference
XXL	63-64 cm
3XL	65-66 cm
4XL	67-68 cm

A properly fitting helmet should feel snug around your head and cheeks without causing pressure points. The helmet should not move freely when you shake your head.

## 6. SETUP AND INSTALLATION

### 6.1. Visor Installation/Removal

The Shark SKWAL 2 features a quick visor release system for easy maintenance or replacement.

1. **Removal:** Open the main visor fully. Locate the release levers on both sides of the visor mechanism. Press the levers and gently pull the visor outwards to detach it.
2. **Installation:** Align the visor's pivot points with the helmet's mechanism. Push firmly until you hear a click, indicating it is securely locked in place. Test the visor movement to ensure proper installation.

### 6.2. Pinlock Anti-Fog Insert Installation

The Pinlock insert creates an insulating air layer between itself and the main visor, preventing fogging.

1. Remove the main visor from the helmet.
2. Flex the main visor slightly to flatten it.
3. Align the Pinlock insert's silicone seal with the Pinlock pins on the main visor.
4. Press the Pinlock insert onto the pins, ensuring the silicone seal creates a tight fit around the visor.
5. Release the main visor, allowing it to return to its natural curve, which will tension the Pinlock insert.
6. Reinstall the main visor onto the helmet.

## 7. OPERATING INSTRUCTIONS

### 7.1. Wearing the Helmet

1. Hold the helmet by the chin straps.
2. Pull the straps apart and slide the helmet onto your head, ensuring it sits level.
3. Adjust the comfort padding if necessary to ensure a snug fit.

### 7.2. Fastening the Micrometric Buckle

1. Insert the notched strap into the micrometric buckle until it is snug against your chin.
2. To release, pull the red tab on the buckle.
3. Ensure the strap is always securely fastened before riding.

### 7.3. Using the Integrated Sun Visor

The integrated sun visor is operated by a slider located on the side of the helmet.

- **To deploy:** Slide the lever forward/down to lower the sun visor.

- **To retract:** Slide the lever backward/up to raise the sun visor.

*Note:* The sun visor is intended for daytime use in bright conditions. Do not use it at night or in low light conditions where it may impair visibility.

## 7.4. Ventilation System

The helmet features adjustable vents to control airflow:

- **Chin Vent:** Located on the chin bar, slides open/closed to direct air to the visor and face.
- **Top Vents:** Located on the top of the helmet, slides open/closed to allow air circulation over the scalp.

Adjust these vents as needed for optimal comfort and to reduce visor fogging.

## 8. MAINTENANCE

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### 8.1. Cleaning the Outer Shell

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

### 8.2. Cleaning the Visors

- **Main Visor:** Remove the visor. Wash with lukewarm water and a soft cloth. Use a specialized visor cleaner if necessary. Do not use abrasive materials.
- **Pinlock Insert:** Handle the Pinlock insert carefully. Clean only with lukewarm water and a soft cloth. Do not rub the inner surface, as this can damage the anti-fog coating. Allow to air dry.
- **Integrated Sun Visor:** Clean with a soft, damp cloth. Do not use harsh chemicals.

### 8.3. Cleaning the Interior Padding

The interior comfort padding is removable and washable.

1. Carefully detach the padding components from the helmet.
2. Hand wash in cold water with mild soap or a specialized helmet interior cleaner.
3. Rinse thoroughly and allow to air dry completely before reinserting into the helmet. Do not machine wash or tumble dry.

### 8.4. Storage

Store your helmet in a cool, dry place, away from direct sunlight and extreme temperatures. Use a helmet bag to protect it from scratches and dust.

## 9. TROUBLESHOOTING

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- **Visor Fogging:** Ensure the Pinlock insert is correctly installed and sealed. Open chin and top vents to increase airflow.
- **Helmet Feels Loose:** Recheck your head measurement against the sizing guide. If the helmet is too large, it will not provide adequate protection. Consider a smaller size or thicker cheek pads if available.
- **Visor Difficult to Operate:** Check for dirt or debris in the visor mechanism. Clean the mechanism carefully. If the issue persists, the mechanism may need lubrication or replacement.
- **Excessive Noise:** Ensure all vents are closed if not needed. Check that the visor is fully closed and

sealed. A poorly fitting helmet can also contribute to wind noise.

For issues not covered here, please contact Shark customer support or an authorized dealer.

## 10. SPECIFICATIONS

Feature	Detail
Model Name	SKWAL 2
Model Number	HE4904EKMAL
Shell Material	Polycarbonate (PC)
Helmet Type	Full-Face
Integrated Sun Visor	Yes
Anti-Fog Visor	Yes (Pinlock included)
Scratch-Resistant Visor	Yes
Retention System	Micrometric Buckle
Eyewear Compatibility	Yes
Approximate Item Weight	1.7 Kilograms
Country of Origin	Portugal

## 11. WARRANTY AND SUPPORT

Shark helmets are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your helmet or visit the official Shark website. Keep your proof of purchase for any warranty claims.

For technical support, spare parts, or further assistance, please contact your authorized Shark dealer or Shark customer service.

**Important:** Always purchase genuine Shark spare parts and accessories to ensure compatibility and maintain the helmet's safety standards.