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> ILM LP03 Motorcycle System Helmet Instruction Manual

## ILM LP03

# ILM LP03 Motorcycle System Helmet Instruction Manual

Model: LP03 | Brand: ILM

## 1. PRODUCT OVERVIEW

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The ILM LP03 is a multi-functional system helmet designed to offer both the security of a full-face helmet and the openness of a jet helmet. It features a durable ABS shell, a comfortable removable interior, and a versatile shield system for various riding conditions.



Figure 1.1: ILM LP03 System Helmet (Silver)

### Key Features:

- **Multi-functional Design:** Seamlessly switch between full-face and open-face modes. The face cover can be easily lifted by pressing a button located near the mouth.
- **Advanced Ventilation:** Features an openable/closable mouth shutter and air vents on the forehead and rear to facilitate airflow, reducing internal stuffiness and shield fogging during rides.
- **Dual Shield System:** Equipped with a clear outer shield and a UV-cut black inner shield as standard, providing comfort in strong sunlight. The ratchet mechanism allows for adjustable opening and closing angles.
- **Removable and Washable Interior:** Inner pads are easily detachable for cleaning, ensuring hygiene and freshness. The soft interior with excellent cushioning and holding properties provides a comfortable fit.
- **Intercom Compatibility:** Designed with dedicated spaces around the ears for speakers, microphone storage, Pinlock 30 installation, and helmet lock, enhancing user convenience.

## 2. SETUP AND FIT

## 2.1 Sizing Guide

To ensure optimal safety and comfort, select the correct helmet size. Measure your head circumference using a tape measure, placing it just above your eyebrows and ears, around the widest part of your head.



Figure 2.1: Head Measurement and Size Chart for LP03 Helmet

### ILM LP03 Helmet Size Chart

Size	Applicable Head Circumference (CM)
M	57 - 58
L	59 - 60
XL	61 - 62

## 2.2 Initial Inspection

Before first use, inspect the helmet for any visible damage, ensuring all components are securely attached. Check the chin strap, shields, and ventilation mechanisms for proper function.

## 2.3 Wearing the Helmet

1. Grasp the chin straps and pull them apart to widen the helmet opening.
2. Place the helmet on your head, ensuring it sits firmly and comfortably.
3. Fasten the chin strap securely. The strap should be snug but not uncomfortably tight.
4. Perform a fit check: With the chin strap fastened, try to roll the helmet off your head from front to back. If it comes off easily, the helmet is too large or not properly secured.

## 3. OPERATING INSTRUCTIONS

### 3.1 Chin Bar Operation (Modular Function)

The LP03 helmet features a modular design, allowing the chin bar to be raised for an open-face configuration. To raise the chin bar, locate the red button near the mouth area and press it. The chin bar will unlock and can be pivoted upwards. To return to full-face mode, pull the chin bar down until it securely latches into place.



Figure 3.1: Chin bar in closed (left) and open (right) positions. The red button for release is highlighted.

### 3.2 Shield System (Outer and Inner Visor)

The helmet is equipped with a clear outer shield and a retractable black inner sun visor. The outer shield can be adjusted to various open positions using its ratchet mechanism. The inner sun visor can be deployed or retracted using a slider mechanism located on the side of the helmet, providing instant sun protection.



Figure 3.2: Double shield system with clear outer shield and UV-cut inner shield. Note the slide adjustment for the outer shield and space for Pinlock 30 (Pinlock insert not included).

### 3.3 Ventilation System

The LP03 helmet features multiple adjustable vents to control airflow. The mouth shutter, forehead vents, and rear exhaust vents can be opened or closed to optimize ventilation and reduce heat buildup and fogging inside the helmet.



Figure 3.3: Air intake and exhaust points on the helmet for optimal ventilation.

## 4. MAINTENANCE

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### 4.1 Cleaning the Exterior

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

### 4.2 Cleaning the Shields

Remove the outer shield for cleaning. Use a soft cloth and warm water with a small amount of mild soap. Rinse thoroughly and air dry. Do not use harsh chemicals or abrasive materials. The inner sun visor can be wiped gently with a soft, damp cloth.

### 4.3 Removable Interior Cleaning

The inner pads are designed for easy removal and washing. Detach the pads from the helmet and hand wash them with mild soap and cool water. Allow them to air dry completely before reinserting them into the helmet. This helps maintain hygiene and comfort.



Figure 4.1: Exploded view of the removable interior padding for cleaning.

## 5. TROUBLESHOOTING

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## 5.1 Shield Fogging

- Ensure all ventilation vents are open to maximize airflow.
- Consider installing a Pinlock 30 anti-fog insert (sold separately) into the designated space on the outer shield.
- Slightly open the outer shield to allow more air circulation.

## 5.2 Chin Bar Not Latching

- Ensure no obstructions are preventing the chin bar from fully closing.
- Apply firm, even pressure when closing the chin bar until you hear a click, indicating it is securely latched.

## 5.3 Loose Fit

- Ensure the chin strap is properly tightened.
- If the helmet still feels loose, it may be the incorrect size. Refer to the sizing guide in Section 2.1.

## 6. SPECIFICATIONS

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Feature	Detail
Brand	ILM
Model	LP03
Color	Silver
Material	ABS Plastic Shell
Compatible Vehicle Type	Motorcycle
Certifications	SG/PSC Certified
Included Components	Motorcycle Helmet Body *1, Shields *2, Instruction Manual *1
Country of Origin	China

## 7. WARRANTY AND SUPPORT

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### 7.1 Warranty Information

Our products come with a one-year warranty. While we strive for perfection in manufacturing, if you encounter any initial defects, please do not hesitate to contact us. We will respond promptly within 24 hours.

### 7.2 Customer Support

For any questions, concerns, or support needs regarding your ILM LP03 helmet, please contact ILM Direct customer service. Refer to your purchase documentation for specific contact details.

## 8. PRODUCT VIDEO

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Video 8.1: A 360-degree view of the ILM LP03 System Helmet, demonstrating its features and design from all angles.

