

HJC HELMETS i91 HJH270

HJC i91 Modular Motorcycle Helmet Instruction Manual

Model: HJH270

1. SAFETY INFORMATION

Always prioritize safety when using your HJC i91 helmet. Read and understand all warnings and instructions before use.

- **Proper Fit:** Ensure the helmet fits snugly and securely. An improperly fitted helmet can reduce protection.
- **Impact Protection:** This helmet is designed to absorb impact energy. If the helmet sustains a severe impact, it must be replaced, even if visible damage is not apparent.
- **Never Modify:** Do not modify the helmet in any way, including drilling holes, cutting the shell, or applying paint or solvents, as this can compromise its structural integrity.
- **Chin Strap:** Always fasten the chin strap securely before riding.
- **Visibility:** Ensure your visor and sunshield are clean and free from obstructions for optimal visibility.

2. PRODUCT OVERVIEW

The HJC i91 is a versatile modular motorcycle helmet designed for touring comfort and safety. It features a durable polycarbonate shell, an integrated sunshield, and an advanced ventilation system.

- **Polycarbonate Shell:** Lightweight and strong for enhanced protection.
- **Integrated Sunshield:** A retractable dark smoke sunshield provides glare reduction.

- **Advanced Channeling Ventilation System (ACS):** Designed for efficient airflow to keep you cool.
- **Dynamic Multi-Step Sunshield (DMS):** Allows for precise positioning of the sunshield.
- **SMART HJC Compatibility:** Prepared for seamless integration with SENA-made SMART HJC 21B & 50B intercom systems (sold separately).

3. SETUP

3.1 Unpacking and Initial Inspection

Carefully remove the helmet from its packaging. Inspect for any signs of damage during shipping. Ensure all included components (main helmet unit) are present.

3.2 Visor and Sunshield Operation

The clear outer visor can be opened and closed manually. The internal dark smoke sunshield is operated by a lever on the side of the helmet.

フルフェイス



オープンフェイス



使用画像：HJH270

フルフェイス / オープン フェイスの切り替えが可能

オープンフェイスとフルフェイスの両方の快適性を両立。チンバーを固定可能なロック機能も搭載。

Image: The lever for operating the integrated sunshield, located on the side of the helmet.

3.3 Chin Bar Operation (Modular Function)

The i91 helmet features a modular design, allowing the chin bar to be raised to convert it from a full-face to an open-face helmet. Press the release button located at the front center of the chin bar and lift it upwards until it locks into place. To return to full-face mode, press the release button again and lower the chin bar until it securely latches.



高い視認性を確保

格納式のサンバイザーにより、日差しの侵入を軽減。
高い視認性を確保します。レバー操作でサンバイ
ザーの切り替えが可能。

Image: The helmet demonstrating its ability to switch between full-face and open-face modes by raising the chin bar.

3.4 Intercom Installation (SMART HJC Compatible)

The HJC i91 is designed for easy installation of SMART HJC 21B & 50B intercom systems (sold separately). The helmet includes dedicated spaces for speakers and microphones, as well as wiring guides, to ensure a clean and secure fit. Refer to the SMART HJC intercom manual for detailed installation instructions.



使用画像：HJH270

SMART HJC 21B & 50B 対応

HJC ヘルメット専用設計の SENA 製インカム
“SMART HJC 21B & 50B” のビルトイン機構を装備。
インカム本体のアタッチメントはもちろん、配線の
ガイドやスピーカーホールも備え、取り付けも簡単に。
見た目もスマートかつ、接続中に聞こえる風切り音や
インカム脱落を軽減します。

※SMART HJC 21B & 50B は別売りです。

Image: A close-up of the helmet's side, indicating the designated area for SMART HJC intercom integration.



使用画像：HJH270

インカム使用時にも快適

スピーカーが収納できるスペースを確保し、耳まわりの窮屈さや不快感を軽減。インカム使用時にも快適なかぶり心地を実現します。

Image: An interior view of the helmet, showing the dedicated speaker pocket designed for intercom comfort.

4. OPERATING INSTRUCTIONS

4.1 Wearing the Helmet

Place the helmet on your head, ensuring it sits level and comfortably. The cheek pads should fit snugly against your cheeks. Fasten the chin strap securely, ensuring it is neither too tight nor too loose.

4.2 Adjusting Ventilation

The HJC i91 features an Advanced Channeling Ventilation System (ACS). Operate the front intake vents and rear exhaust vents to control airflow through the helmet, efficiently expelling hot air and maintaining comfort.



使用画像：HJH270

効率よく内部の熱気を排出

前頭部から後頭部にかけて効率的に走行風を導入・排出し、ヘルメット内の快適性を向上。

Image: A diagram illustrating the efficient airflow from the front intake to the rear exhaust vents, designed to remove heat from the helmet interior.

4.3 Using the Sunshield

The integrated dark smoke sunshield can be deployed or retracted using the lever on the side of the helmet. Adjust it to your preferred position to reduce glare from sunlight and ensure high visibility.

4.4 Reducing Visor Fogging

To help prevent visor fogging, the helmet directs airflow from the lower intake near the mouth to the inside of the shield. For enhanced anti-fog performance, ensure the anti-fog lens (if included) is properly installed and maintained.



使用画像：HJH270

シールドの曇りをやわらげる

口元にあるアンテークから取り入れた走行風をシールド内側に流すことで、シールドの曇りをやわらげます。

Image: A diagram showing how air from the chin intake is directed across the inner surface of the visor to reduce fogging.

5. MAINTENANCE

5.1 Cleaning the Helmet Shell

Clean the helmet shell with mild soap and warm water. Use a soft cloth to gently wipe the surface. Avoid harsh chemicals, abrasive cleaners, or solvents, as these can damage the finish and shell material.

5.2 Cleaning the Visor and Sunshield

Clean the visor and sunshield with a soft, damp cloth and mild soap. Rinse thoroughly with clean water and air dry. Do not use abrasive materials or chemical cleaners that can scratch or damage the coatings. If an anti-fog lens is installed, follow its specific cleaning instructions.

5.3 Liner Removal and Washing

The interior lining of the HJC i91 is removable for cleaning. Carefully detach the cheek pads and crown liner. Hand wash with mild soap and cold water, then air dry completely before re-installing. Ensure all components are dry to prevent mildew.

5.4 Ventilation System Cleaning

Periodically check the ventilation openings for any debris or blockages. Use a soft brush or compressed air to clear the vents, ensuring optimal airflow.

5.5 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.

6. TROUBLESHOOTING

- **Visor Fogging:** Ensure the anti-fog lens is clean and properly installed. Maximize airflow by opening the chin vent. Consider using an anti-fog spray.
- **Loose Components:** If any parts feel loose, such as the visor or chin bar mechanism, inspect them for proper seating. Do not attempt to force or over-tighten. Contact customer support if issues persist.
- **Excessive Wind Noise:** Ensure the helmet is properly sized and fitted. Check that the visor and chin bar are fully closed and sealed.

7. SPECIFICATIONS

Feature	Description
Brand	HJC HELMETS

Model Name	i91
Model Number	HJH270
Shell Material	Polycarbonate
Safety Standards	SG, JIS
Ventilation System	ACS (Advanced Channeling Ventilation System)
Sunshield	DMS (Dynamic Multi-Step Sunshield), Dark Smoke
Intercom Compatibility	SMART HJC 21B & 50B (sold separately)
Country of Origin	Vietnam
Included Components	Helmet main unit only

8. WARRANTY AND SUPPORT

8.1 Warranty Information

A purchase receipt is required for warranty claims. Please retain your proof of purchase. For specific warranty terms and conditions, refer to the documentation provided with your helmet or contact HJC HELMETS customer service.

8.2 Customer Support

For further assistance, technical support, or spare parts, please contact HJC HELMETS customer service through their official website or authorized dealers.