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> SAFEYEAR M-5018BK Safety Helmet User Manual

## SAFEYEAR M-5018BK

# SAFEYEAR M-5018BK Safety Helmet User Manual

Model: M-5018BK | Brand: SAFEYEAR

## 1. INTRODUCTION

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This manual provides essential information for the safe and effective use, maintenance, and care of your SAFEYEAR M-5018BK Safety Helmet. This helmet is designed to offer comprehensive head, eye, and hearing protection in various demanding work environments, including construction, forestry, and chainsaw operations. Please read this manual thoroughly before using the product.



Image 1: SAFEYEAR M-5018BK Safety Helmet with included drawstring bag.

## 2. SAFETY INFORMATION AND STANDARDS

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The SAFEYEAR M-5018BK Safety Helmet is designed to meet stringent safety standards to protect users from potential hazards. Adherence to these standards ensures a high level of protection.

- **EN397:2012 Certified:** This helmet complies with the European standard for industrial safety helmets, providing protection against falling objects and other impacts.
- **EN166 Certified Goggles:** The integrated goggles are certified for eye protection against various splashes and impacts. They feature anti-scratch and anti-fog coatings for clear visibility.
- **EN352 Certified Earmuffs:** The removable earmuffs provide hearing protection with a Noise Reduction Rating (SNR) of 25dB, safeguarding against harmful noise levels.
- **Reflective Safety:** Seven high-visibility reflective design tapes are integrated into the helmet to enhance user visibility in low-light or dark working conditions.
- **Material:** Constructed from Acrylonitrile Butadiene Styrene (ABS) for lightweight durability and high impact resistance.

**Always inspect the helmet for any damage before each use. Replace the helmet immediately if any cracks, dents, or other signs of wear are observed, as its protective capabilities may be compromised.**

### 3. PRODUCT COMPONENTS

The SAFEYEAR M-5018BK Safety Helmet includes the following main components:

- **Helmet Shell:** Made from ABS material, providing the primary head protection.
- **Integrated Goggles:** Clear, anti-scratch, and anti-fog eye protection, adjustable to slide up or down.
- **Removable Earmuffs:** Attached to the sides of the helmet for hearing protection.
- **6-Point Suspension System:** Internal harness for impact absorption and comfort.
- **Ratchet Knob Adjustment:** Located at the back for quick and precise fit adjustment.
- **Chin Strap:** Y-type double belt buckle for secure fastening.
- **Breathable & Soft Sweatband:** For comfort and moisture absorption.
- **Adjustable Breathable Vents:** On the top of the helmet for air circulation.
- **Non-woven Drawstring Bag:** For storage and transport.



Image 2: Internal features of the helmet, including the 6-point suspension system, breathable sweatband, Y-type chin strap, and ratchet adjustment knob.

### 4. SETUP AND ADJUSTMENT

Proper adjustment of your safety helmet is crucial for maximum protection and comfort.

**1. Head Size Adjustment:**

Place the helmet on your head. Locate the ratchet adjustment knob at the back of the helmet. Rotate the knob clockwise to tighten the fit or counter-clockwise to loosen it until the helmet feels snug and secure without being uncomfortably tight. The helmet should not wobble when you move your head.

**2. Chin Strap Adjustment:**

Fasten the Y-type chin strap buckle. Adjust the straps on both sides to ensure a secure fit under your chin. The strap should be tight enough to prevent the helmet from falling off but loose enough to allow comfortable breathing and movement. Ensure the straps do not interfere with your ears.

**3. Goggles Adjustment:**

The integrated goggles can be slid up or down as needed. To use, pull the goggles down over your eyes. To store, push them up into the helmet shell. Ensure they are clean and free of obstructions before use.



Image 3: Adjustable sliding goggles and earmuffs for eye and hearing protection.

**4. Earmuff Adjustment:**

The earmuffs are designed to pivot and can be adjusted to cover your ears completely. Ensure a tight seal around your ears for effective noise reduction. If not needed, the earmuffs can be removed by carefully detaching them from their mounting points.

**5. Ventilation Adjustment:**

The helmet features adjustable vents on the top. Slide the vent covers to open them for increased airflow and cooling, or close them to reduce exposure to elements.

# Adjustable Breathable Vents

Ensure Air Circulation and  
Reduce Head Temperature



Image 4: Adjustable breathable vents on the helmet for air circulation.

## 5. OPERATING INSTRUCTIONS

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Once properly adjusted, the SAFEYEAR M-5018BK Safety Helmet provides integrated protection for various tasks.

- **Wearing the Helmet:** Always wear the helmet with the chin strap securely fastened. The helmet should sit level on your head, covering your forehead.
- **Eye Protection:** For tasks involving flying debris, dust, or splashes (e.g., chainsaw operation, grinding), ensure the integrated goggles are pulled down and properly positioned over your eyes.
- **Hearing Protection:** In noisy environments, ensure the earmuffs are fully covering your ears and creating a seal to achieve the stated 25dB noise reduction.
- **Visibility:** The reflective tapes on the helmet enhance your visibility to others, especially in low-light conditions. However, always use additional lighting or high-visibility clothing if required by your work environment.



Image 5: Helmet in use during chainsaw operation, demonstrating integrated protection.



Image 6: Helmet in use during machinery operation, highlighting its versatility.

# Reflective Safety

7 Hi-Viz Reflective Design Tapes Keep You Visible In Dark Working Sites



Image 7: Reflective safety tapes on the helmet, enhancing visibility in dark environments.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and effectiveness of your safety helmet.

- **Cleaning:** Clean the helmet shell, goggles, and earmuffs with mild soap and water. Avoid abrasive cleaners or solvents, as these can damage the material and coatings. Rinse thoroughly and air dry.
- **Inspection:** Before each use, visually inspect the helmet for any signs of damage, such as cracks, deep scratches, dents, or discoloration. Check the chin strap, buckles, suspension system, goggles, and earmuffs for wear or damage.
- **Storage:** Store the helmet in a cool, dry place away from direct sunlight, extreme temperatures, and chemicals. Use the provided non-woven drawstring bag for protection during storage and transport.
- **Replacement:** Safety helmets have a limited lifespan, even if they appear undamaged. The manufacturer recommends replacing the helmet approximately 5-6 years after the manufacturing date (stamped on the inside of the helmet), or immediately after any significant impact, regardless of visible damage.

## 7. TROUBLESHOOTING

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Below are common issues and their potential solutions:

Problem	Possible Cause	Solution
Helmet feels loose or wobbly	Improper head size adjustment or chin strap not tightened.	Adjust the ratchet knob clockwise to tighten. Ensure the chin strap is snug.
Goggles fogging up	High humidity or temperature difference, or anti-fog coating wear.	Ensure proper ventilation by opening helmet vents. Clean goggles with anti-fog solution if coating is worn.
Earmuffs not reducing noise effectively	Poor seal around the ears or earmuffs improperly positioned.	Adjust earmuffs to ensure they fully cover the ears and create a tight seal. Check for damage to ear cushions.
Discomfort during prolonged use	Helmet too tight, improper suspension adjustment, or sweat build-up.	Loosen ratchet knob slightly. Ensure sweatband is clean. Open vents for airflow.

## 8. SPECIFICATIONS

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Feature	Detail
Model Number	M-5018BK
Brand	SAFEYEAR
Material	Acrylonitrile Butadiene Styrene (ABS)
Color	Black
Size	53-64 CM (Adjustable)
Weight	1.15 Kilograms
Safety Standards	EN397:2012 (Helmet), EN166 (Goggles), EN352 (Earmuffs)
Noise Reduction Rating (Earmuffs)	SNR 25dB
Components Included	Helmet, Earmuffs, Anti-scratch Goggles, Non-woven Bag, Chin Strap

## 9. WARRANTY AND SUPPORT

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SAFEYEAR is committed to providing high-quality personal protective equipment. For any issues or support needs, please register your product and contact SAFEYEAR customer service. Details on how to register your product and contact support can typically be found on the SAFEYEAR official website or through the retailer where the product was purchased.

In case of any problems, please notify SAFEYEAR, and they will assist with product replacement or refund as per their policy.

