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› SAFEBUILDER S1C Safety Helmet with Visor and Ear Muffs Instruction Manual

SAFEBUILDER S1C

SAFEBUILDER S1C Safety Helmet with Visor and Ear Muffs Instruction Manual

Model: S1C

1. INTRODUCTION

This manual provides essential instructions for the proper use, assembly, maintenance, and care of your SAFEBUILDER S1C Safety Helmet. This helmet is designed to provide head, eye, and hearing protection in various work environments. Please read this manual thoroughly before using the product to ensure safety and optimal performance.



Image 1.1: The SAFEBUILDER S1C Safety Helmet, featuring integrated visor and ear muffs.

2. SAFETY INFORMATION AND CERTIFICATIONS

The SAFEBUILDER S1C Safety Helmet is designed to meet stringent safety standards. Always inspect the helmet, visor, and ear muffs for any damage before each use. Replace any damaged components immediately. This helmet is intended to protect against impacts, flying debris, and excessive noise. It is not designed to protect against all hazards.

2.1 Certifications

- **Hard Hat:** ANSI Z89.1-2014 Type 1 Class C, CE EN397:2012

- **Safety Visor:** CE EN166:2001F, ANSI/ISEA Z87.1-2015
- **Ear Muffs:** EN352-3:2020, ANSI S3.19-1974, AS/NZS 1270:2002 (SNR 30dB, NRR 25dB, SLC(80) 26dB)



Image 2.1: Overview of the SAFEBUILDER S1C helmet highlighting its quality materials and safety certifications.

3. COMPONENTS

The SAFEBUILDER S1C Safety Helmet includes the following main components:

- **Helmet Shell:** Made of high-strength ABS material.
- **6-Point Suspension System:** Provides impact absorption and comfort.
- **Adjustable Ratchet System:** For precise fit adjustment.
- **Mesh Breathable Liner:** Enhances comfort and airflow.
- **Replaceable Sweatband:** For hygiene and comfort.
- **Y-Type Chinstrap:** Adjustable for secure fit.

- **Soft Chin Cover:** Comfortable, convenient, and detachable.
- **Clear Safety Visor:** Made of PC material, adjustable and retractable.
- **Integrated Ear Muffs:** Made of ABS and foam, providing hearing protection.



Image 3.1: Detailed view of the helmet's internal components, including the 6-point suspension system, replaceable sweatband, and adjustable chin strap.

4. SETUP AND ASSEMBLY

The SAFEBUILDER S1C helmet comes with pre-installed ear muffs and visor. Minor adjustments may be required for optimal fit.

4.1 Adjusting the Helmet Fit

1. Place the helmet on your head.
2. Locate the adjustable knob at the rear of the helmet.
3. Turn the knob clockwise to tighten the suspension system for a snug fit, or counter-clockwise to loosen it. The

helmet should fit securely without being uncomfortably tight.

4. Adjust the Y-type chinstrap for a secure fit under your chin. The soft chin cover can be attached or detached as preferred.



Image 4.1: The adjustable visor and soft chin cover components of the helmet.

4.2 Attaching/Detaching Ear Muffs (if applicable)

The ear muffs are designed for easy attachment and detachment. Align the ear muff attachment points with the helmet's slots and press firmly until they click into place. To detach, gently pull them away from the helmet.

HEARING PROTECTION EAR MUFFS

BSafe[®]
Builder

EN352-3:2020
ANSI S3.19-1974
AS/NZS 1270:2002

SNR 30dB
NRR 25dB
SLC₍₈₀₎ 26dB



Image 4.2: Close-up of the ear muffs, detailing their noise reduction specifications and adjustability.

4.3 Video Guide: Assembly and Features

Your browser does not support the video tag.

Video 4.1: This video demonstrates the key features of the SAFEBUILDER S1C Safety Helmet, including its ventilation, adjustable size, chin strap, visor, and ear muffs. It also shows the process of adjusting and wearing the helmet.

5. OPERATING INSTRUCTIONS

5.1 Using the Visor

The clear safety visor can be easily adjusted. To deploy the visor, gently pull it down until it covers your eyes. To retract it, push it upwards until it locks into its stored position above the helmet brim. Ensure the visor is clean and free of obstructions for clear vision.

5.2 Using the Ear Muffs

The integrated ear muffs provide hearing protection. To use them, pull the ear cups down over your ears, ensuring a tight seal around your ears. To move them out of the way, pivot them upwards and back towards the helmet shell.

5.3 Ventilation

The S1C helmet features ventilation holes to enhance breathability and comfort, especially during extended use in warm environments.



VENTILATION PERFORMANCE

Comfortable and Breathable

Image 5.1: The helmet's ventilation system provides comfort and breathability during use.

6. MAINTENANCE

6.1 Cleaning

- Clean the helmet shell, visor, and ear muffs with mild soap and water.
- Avoid using harsh chemicals, solvents, or abrasive cleaners, as these can damage the materials and compromise protection.

- Rinse thoroughly and air dry.
- The inner lining and sweat-absorbing straps can be removed for cleaning.

6.2 Inspection

Regularly inspect all components for signs of wear, cracks, dents, or other damage. Pay close attention to the helmet shell, suspension system, chin strap, visor, and ear muff seals. If any damage is found, discontinue use and replace the affected component or the entire helmet.

6.3 Storage

Store the helmet in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

- **Helmet feels loose:** Adjust the rear ratchet knob clockwise until a snug fit is achieved. Ensure the chin strap is properly fastened.
- **Visor not staying in position:** Check the visor attachment points for wear or damage. Ensure it clicks securely into place when raised or lowered.
- **Ear muffs not providing adequate seal:** Ensure the ear muffs are properly positioned over the ears and that the helmet is adjusted for a firm fit. Check for any obstructions or damage to the ear muff cushions.
- **Discomfort during wear:** Re-adjust the helmet's suspension system and chin strap. Ensure the sweatband is clean and properly positioned.

8. SPECIFICATIONS

Feature	Detail
Brand	SAFEBUILDER
Model Name	S1C
Size	52-63 cm (20.47-24.80 inches)
Item Weight	1 Kilogram
Material	Acrylonitrile Butadiene Styrene (ABS) for shell, PC for visor, ABS and Foam for ear muffs, Mesh for liner
Closure Type	Ratchet
Included Components	1 Pair Ear Muffs, 1 Hard Hat with Visor
Hard Hat Certification	ANSI Z89.1-2014 Type 1 Class C, CE EN397:2012
Safety Visor Certification	CE EN166:2001F, ANSI/ISEA Z87.1-2015
Ear Muffs Certification	EN352-3:2020, ANSI S3.19-1974, AS/NZS 1270:2002
Ear Muffs Noise Reduction	SNR 30dB, NRR 25dB, SLC(80) 26dB

9. WARRANTY AND SUPPORT

The SAFEBUILDER S1C Safety Helmet comes with a 30-day warranty. For warranty claims, technical support, or any inquiries regarding your product, please contact SAFEBUILDER customer service through the retailer where the product was purchased.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question