

YEMA YM-831-4

YEMA YM-831-4 Full Face Motorcycle Helmet User Manual

Model: YM-831-4

INTRODUCTION

Thank you for choosing the YEMA YM-831-4 Full Face Motorcycle Helmet. This manual provides essential information for the proper use, care, and maintenance of your helmet. Please read it thoroughly before using your helmet to ensure maximum safety and product longevity. This helmet is designed for motorcycle and bicycle use, offering professional-grade protection.

SAFETY INFORMATION

Your YEMA YM-831-4 helmet meets and exceeds ECE22.05 and DOT safety standards, providing professional-grade protection. Adhering to the following safety guidelines is crucial:

- **Proper Fit:** A helmet must fit snugly and comfortably. An improperly fitted helmet can compromise its protective capabilities. Refer to the sizing guide to select the correct size.
- **Chin Strap:** Always fasten the chin strap securely before riding. The quick-release mechanism should be engaged and checked for tightness.
- **Impact Protection:** This helmet is designed to absorb impact energy by partial destruction of the shell and liner. Even if the helmet appears undamaged after an impact, its protective capacity may be compromised. It is recommended to replace any helmet that has sustained an impact.
- **Visibility:** Ensure visors are clean and free from obstructions. Use the clear visor for night riding and the tinted visor for bright daylight conditions.
- **Modifications:** Do not modify the helmet in any way (e.g., drilling holes, applying paint, or attaching accessories not approved by the manufacturer). Such modifications can weaken the helmet's structure and void its safety certifications.
- **Chemicals:** Avoid contact with petroleum products, cleaning fluids, paints, or adhesives, as these can damage the helmet materials without visible signs.

PRODUCT OVERVIEW AND FEATURES

The YEMA YM-831-4 helmet is engineered with advanced features for rider comfort and protection:

- **Shell Construction:** Features an aerodynamic ABS (Acrylonitrile Butadiene Styrene) shell for durability and impact resistance.
- **Impact Absorption:** Equipped with multi-density EPS (Expanded Polystyrene) liner for superior energy absorption during impacts.
- **Chin Strap:** Reinforced chin strap with a quick-release buckle for easy and secure fastening.
- **Ventilation System:** Fully adjustable intake and exhaust vents create a constant, light airflow to keep the rider cool and comfortable.
- **Interior Lining:** Fully removable and washable lining ensures the helmet remains clean, fresh, and odor-free.
- **Visors:** Includes a clear outer visor and an integrated tinted sun visor, operable with a side switch.
- **Aerodynamic Design:** Optimized shape to reduce wind noise and drag.

ADULT SIZES

	S	M	L	XL	XXL
CM	55-56	57-58	59-60	61-62	63-64
INCHES	21.6-22.0	22.4-22.8	23.2-23.6	24.0-24.4	24.8-25.2

CHILDREN'S SIZES

	S	M	L
CM	47-48 CM	49-50 CM	51-52 CM

Front view of the YEMA YM-831-4 full face motorcycle helmet, showcasing its clear visor and matte black finish.



Side view of the YEMA YM-831-4 helmet, highlighting the aerodynamic shell and ventilation ports.



Rear view of the YEMA YM-831-4 helmet, showing the exhaust vents for airflow.

SIZING GUIDE

To ensure optimal protection and comfort, it is essential to choose the correct helmet size. Measure the circumference of your head at its largest point, approximately 1 inch (2.5 cm) above your eyebrows, and refer to the tables below.

Adult Sizes



Adult helmet sizing chart, providing head circumference measurements in both centimeters and inches for sizes S, M, L, XL, and XXL.

Size	Head Circumference (CM)	Head Circumference (Inches)
S	55-56	21.6-22.0
M	57-58	22.4-22.8
L	59-60	23.2-23.6
XL	61-62	24.0-24.4
XXL	63-64	24.8-25.2

Children's Sizes



Children's helmet sizing chart, providing head circumference measurements in centimeters for sizes S, M, and L.

Size	Head Circumference (CM)
S	47-48 CM
M	49-50 CM
L	51-52 CM

SETUP

Wearing the Helmet

- Open the Visor:** Lift the clear outer visor to its fully open position.
- Position the Helmet:** Hold the helmet by the chin straps, with the opening facing you. Gently pull the straps outwards to widen the opening slightly.
- Put on the Helmet:** Carefully slide the helmet onto your head, ensuring your head goes in smoothly. The helmet should feel snug around your cheeks and crown without causing pressure points.
- Check Fit:** Once on, try to move the helmet from side to side and up and down. Your skin should move with the helmet, indicating a good fit. If the helmet slides independently of your head, it is too large.

Adjusting the Chin Strap

- Fasten the Buckle:** Insert the male end of the quick-release buckle into the female receiver until it clicks securely.
- Tighten the Strap:** Pull the loose end of the strap to tighten it until it feels snug under your chin. The strap should not be uncomfortably tight, but it should prevent the helmet from rolling off your head.
- Test Security:** With the strap fastened, try to pull the helmet off your head from the rear. If it comes off, the strap is too loose or the helmet is too large.

OPERATING

Visor Operation

- **Clear Outer Visor:** The clear visor can be easily raised or lowered using the tab located at the bottom center. It has multiple detent positions to allow for partial opening.
- **Integrated Tinted Sun Visor:** To deploy the tinted sun visor, locate the red switch on the left side of the helmet. Slide the switch forward to lower the sun visor and backward to retract it. This visor is intended for use in bright daylight conditions only.

Ventilation System

The YM-831-4 helmet features adjustable ventilation for optimal airflow:

- **Front Vents:** Located on the chin bar and forehead, these vents can be opened or closed by sliding the respective levers. Opening them allows fresh air to enter.
- **Rear Exhaust Vents:** Integrated into the rear of the helmet, these vents facilitate the exit of warm, moist air. They are typically passive but work in conjunction with the front vents to create a flow-through ventilation system.

MAINTENANCE

Regular maintenance ensures the longevity and effectiveness of your helmet.

Cleaning the Helmet Shell

- Use a soft cloth dampened with mild soap and water.
- Avoid abrasive cleaners, solvents, or petroleum-based products, as these can damage the shell material and finish.
- Rinse thoroughly with clean water and dry with a soft, lint-free cloth.

Cleaning the Visors

- Remove the clear outer visor from the helmet according to the instructions (refer to manufacturer's specific visor removal guide if available, as this varies by model).
- Wash visors with lukewarm water and a soft cloth. A small amount of mild soap can be used for stubborn dirt.
- Rinse thoroughly and allow to air dry, or gently blot with a microfiber cloth.
- Do not use harsh chemicals or abrasive materials, which can scratch or damage the visor's coating.

Removing and Washing the Interior Lining

The interior lining is fully removable and washable:

1. Carefully detach the cheek pads and crown liner by unsnapping or unhooking them from their attachment points within the helmet.
2. Hand wash the lining components in cold water with a mild detergent.
3. Rinse thoroughly and air dry completely before re-installing. Do not machine wash or tumble dry.
4. Ensure all components are completely dry to prevent mildew and odors.
5. Re-install the lining by reversing the removal process, ensuring all snaps and hooks are securely fastened.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Helmet feels too loose or moves excessively	Incorrect size; chin strap not tightened	Ensure chin strap is snug. If still loose, the helmet size may be too large. Refer to the sizing guide.
Visor fogging	Lack of airflow; temperature difference	Open ventilation vents. Slightly crack the visor open if safe to do so. Consider anti-fog treatments.
Excessive wind noise	Visor not fully closed; improper fit; ventilation open	Ensure visor is fully closed. Check helmet fit. Close unnecessary vents if noise is a concern.
Chin strap difficult to fasten/unfasten	Mechanism dirty or obstructed	Clean the quick-release mechanism. Ensure no debris is blocking it. Do not force.

SPECIFICATIONS

Feature	Detail
Model Number	YM-831-4
Material	Acrylonitrile Butadiene Styrene (ABS)
Weight	1.6 Kilograms
Dimensions (L x W x H)	36 x 27 x 27 cm
Certifications	ECE22.05, DOT
Closure Type	Ratchet (Quick-release)
Service Type	Motorcycle, Bicycle
Lining	Removable and Washable
Ventilation	Adjustable Intake and Exhaust Vents
Visors	Clear Outer Visor, Integrated Tinted Sun Visor

WARRANTY AND SUPPORT

For warranty information or support inquiries regarding your YEMA YM-831-4 helmet, please refer to the documentation provided at the time of purchase or contact your retailer. You may also visit the official YEMA website for further assistance.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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