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Model: AT960 | Brand: ScorpionEXO

PRODUCT OVERVIEW



Image: The ScorpionEXO AT960 Modular Adventure Street Motorcycle Helmet in Solid Gloss Black, showcasing its modular design and integrated visor.

The EXO-AT960 Modular Motorcycle Helmet is an evolution of the popular EXO-AT950. It features an ECE 22.06 Safety Rating, which involves extensive testing beyond previous certifications. This helmet can be configured as a full-face ADV helmet with an external peak visor or as a more aerodynamic touring helmet by removing the peak visor. Its oversized eye port provides wide peripheral and downward visibility, and the modular chin bar can be conveniently flipped up. An internal drop-down Speedview sun-visor adapts to varying light conditions. The no-fog Everclear shield is removable, allowing the helmet to be used with goggles for off-road riding. Constructed from Advanced Polycarbonate and dual-density EPS across three shell sizes, the helmet is lightweight, strong, and protective. Designed for integration with the EXO-COM Bluetooth Communicator Kit, it also accommodates other communication systems via large speaker pockets. The AT960 is suitable for cruising, touring, commuting, or adventure riding across diverse terrains.

KEY FEATURES

Shell Construction

The Advanced Polycarbonate Shell, engineered by ScorpionEXO, is designed to be lightweight, strong, and to maximize impact displacement. Its CAD-refined aerodynamics ensure a streamlined profile and balanced footprint, reducing lift and turbulence for a smoother, quieter, and more stable ride. Advanced multi-layer EPS provides superior energy absorption, with channels throughout the EPS foam for increased airflow.

Comfort

An aero-tuned ventilation system includes a large top intake vent for cool air and exhaust vents to expel hot air. The dual-position mouth vent functions as a defroster in its first position and provides both defrosting and ventilation in its second. KwikWick C moisture-wicking liner fabric keeps the rider cool in warm conditions and warm in cool conditions. The liner is easily removable and washable. KwikFit 3D sculpted cheek pads are designed to accommodate most eyeglasses comfortably.

Vision

The EverClear shield features state-of-the-art fog-free technology and an anti-scratch hardened coating, offering 95% UV-A & UV-B protection. (Pinlock shields are sold separately). ScorpionEXO's shield system ensures a secure seal against the eye port. The wide eye port provides excellent peripheral vision and downward visibility. When the shield is removed, the eye port accommodates most sizes and brands of goggles (Eyeport is 11cm Tall). A retractable, interchangeable Speedview drop-down sun visor is also included.

Versatility

A tool-less face shield system allows for quick and easy swapping between goggles or tinted and mirrored lenses. An included Action Cam mounting plate provides a flat surface for attaching cameras and other accessories. Comm-Ready speaker pockets facilitate easy installation of Bluetooth communication system speakers, with a speaker pocket size of 50mm/5mm (round). The helmet weighs approximately 1,580 grams / 3.48 lbs. (size medium).

Safety

The helmet is equipped with U.S. DOT Certification and the ECE 22.06 Safety standard, which mandates a broader range of testing compared to the previous 22.05 certification. It is DOT FMVSS No. 218 Certified and ECE 22.06 Certified.

SETUP

Before first use, ensure the helmet fits securely and comfortably.

1. **Sizing:** Refer to the sizing chart to select the correct helmet size based on your head circumference. A properly sized helmet should feel snug without uncomfortable pressure points.
2. **Putting On:** Hold the helmet by the chin straps, with the open side facing you. Gently pull the straps apart and slide the helmet onto your head, ensuring your ears are not folded.
3. **Chin Strap Adjustment:** Fasten the chin strap securely. The strap should be tight enough that you cannot pull the helmet off your head by rolling it forward or backward, but not so tight as to cause discomfort. Ensure the D-rings (if applicable) are properly threaded.
4. **Visor Installation/Removal:** The EverClear shield features a tool-less system for easy installation and removal. Align the shield's pivot points with the helmet's mechanism and press firmly until it clicks into place. To remove, follow the reverse procedure, typically by pressing a release button or lever.
5. **Peak Visor (ADV Configuration):** The external peak visor can be attached or removed based on your riding preference. Consult the included diagrams for specific attachment points and hardware.
6. **Bluetooth Communicator (Optional):** The helmet is designed with speaker pockets (50mm/5mm round) for easy integration of the EXO-COM Bluetooth Communicator Kit or other compatible systems. Follow the instructions provided with your communication device for installation.

OPERATING INSTRUCTIONS

Modular Chin Bar Operation

To open the modular chin bar, locate the release button, typically positioned at the center of the chin bar. Press the button firmly and lift the chin bar upwards until it locks into its fully open position. To close, pull the chin bar down until it securely latches into the closed, full-face position. Always ensure the chin bar is fully latched before riding.

Speedview Sun Visor

The internal Speedview sun visor is operated by a slider mechanism located on the left side of the helmet. Slide it down to deploy the sun visor for glare protection and slide it up to retract it when not needed. Ensure the sun visor is fully retracted when riding in low light conditions or at night.

Ventilation System

The helmet features an aero-tuned ventilation system. Locate the large intake vent on the top of the helmet and the dual-position mouth vent on the chin bar. Adjust these vents by sliding or flipping them open/closed to control airflow and ventilation. The mouth vent's first position acts as a defroster, while the second position provides both defrosting and general ventilation.

MAINTENANCE

Proper maintenance ensures the longevity and safety of your helmet.

- **Shell Cleaning:** Clean the helmet shell with a soft cloth and mild soap and water. Avoid harsh chemicals, solvents, or abrasive cleaners, as these can damage the helmet's finish and materials.
- **Visor Cleaning:** The EverClear shield should be cleaned with a soft, damp cloth and mild soap. Rinse thoroughly with clean water and allow to air dry. Do not use abrasive materials or chemical cleaners that could scratch or damage the anti-fog and anti-scratch coatings.
- **Liner Care:** The KwikWick C moisture-wicking liner is removable and washable. Hand wash with mild soap and cold water, or machine wash on a gentle cycle in a laundry bag. Air dry completely before reinserting into the helmet.
- **Storage:** Store your helmet in a cool, dry place away from direct sunlight and extreme temperatures. Use a helmet bag (if provided) to protect it from dust and scratches.
- **Inspection:** Regularly inspect the helmet for any signs of damage, such as cracks in the shell, worn straps, or damaged visors. If any damage is found, discontinue use and consult a professional or the manufacturer.

TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Visor Fogging	Temperature difference, high humidity, lack of airflow.	Ensure mouth vent is open (position 1 or 2). Consider using an anti-fog insert (Pinlock, sold separately) if persistent.
Helmet feels too tight/uncomfortable	Incorrect size, new helmet not broken in, pressure points.	Verify size using the sizing chart. New helmets often require a break-in period. If discomfort persists, consult a professional for fit assessment.

Problem	Possible Cause	Solution
Excessive Wind Noise	Improper fit, open vents, unsealed visor.	Ensure helmet is properly sized and chin strap is snug. Close unused vents. Check that the visor is fully closed and sealed against the eye port.
Modular Chin Bar Not Latching	Obstruction, misalignment, worn mechanism.	Check for any debris or obstruction. Ensure the chin bar is aligned correctly before pushing it down. If the mechanism is worn or damaged, contact customer support.

If you encounter issues not listed here or if solutions do not resolve the problem, please contact ScorpionEXO customer support.

SPECIFICATIONS

Attribute	Detail
Model Name	EXO AT960 Modular Adventure Helmet
Manufacturer Part Number	96-0032
Brand	ScorpionEXO
Material	Expanded Polystyrene (EPS), Polycarbonate (PC)
Shell Type	Hard
Safety Rating	DOT FMVSS No. 218 Certified, ECE 22.06 Certified
Certificate Type	DOT
Number Of Vents	2
Item Weight	~1,580 grams / 3.48 lbs. (size medium)
Product Dimensions	15 x 11.25 x 11.5 inches
Speaker Pocket Size	50mm/5mm (round)
Eyepoint Height	11cm
Vehicle Service Type	Adventure
Sport	Motorcycling

SIZING INFORMATION

To ensure the best fit, please refer to the following head circumference chart:

US Motorcycle Helmet

Brand Size	Head Circumference (in)
XS	20.9 - 21.3
S	21.6 - 22

M	22.4 - 22.8
L	23.1 - 23.6
XL	24 - 24.4
2XL	24.8 - 25.2
3XL	25.6 - 26
4XL	26.4 - 26.8

Measure your head circumference just above your eyebrows and around the widest part of your head to find your corresponding size.

SAFETY AND CERTIFICATIONS

The ScorpionEXO AT960 helmet is designed and certified to meet rigorous safety standards, ensuring maximum protection for riders.

- **U.S. DOT Certification:** This helmet complies with US Federal Motor Vehicle Safety Standard 218 (FMVSS 218), commonly known as DOT certification.
- **ECE 22.06 Certification:** The helmet also meets the European ECE 22.06 safety standard, which is a comprehensive and updated certification requiring a wider range of impact and penetration tests compared to previous versions.
- **Advanced Polycarbonate Shell:** Engineered for lightweight strength and optimal impact energy dissipation.
- **Dual-Density EPS:** Multi-layer Expanded Polystyrene (EPS) provides superior energy absorption to protect against various impact forces.

Always wear a properly fitted and certified helmet when riding a motorcycle to ensure your safety.

WARRANTY AND SUPPORT

ScorpionEXO stands behind the quality of its products. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your helmet or visit the official ScorpionEXO website. For technical support, replacement parts, or any other inquiries, please contact ScorpionEXO customer service through their official channels.

Contact Information:

- **Website:** www.scorpionusa.com (This is a placeholder, please refer to actual product documentation for official website)
- **Customer Service:** Refer to the contact section on the official website for phone numbers or email support.