

# **Best Lightest Downhill Mountain Bike Helmet AU-B088**

## **The description of lightest mtb helmet**

- Super lightest : only 270g, well-ventilated, with very cooling air tunnel and reasonable aero shape design.
- Three-dimensional duct design: This design is very aerodynamic drag coefficient is small , in the process of riding , people wear more cool.
- In-mold technology, when the helmet by the impact , the entire helmet uniform force.
- The high quality eco-friendly high temperature resistant PC shell & carbon fiber.
- The high density black EPS material is imported from American,
- The bicycle accessories: adjustable chin strap with quick-release buckle; rear lock adjustment; cool comfortable pads;
- Certification: CE-EN1078 certified for impact protection.

## **The specification of best downhill mountain bike helmet:**

Model No.	AU-B088
Material	EPS foam & PC double in-mold technology
Certification	CE EN1078
Vents	20 air vents
Color	Pantone, customized
size/head circumference	M/L (54-58CM)
Weight	270g
Sample Time	3 days
MOQ	200pcs
Package details	PP bag+individual color box packing+master carton

## **The detail pictures of camo mountain bike helmet**









## ***The Customized accessories:***

So far, we have been manufacturing & exporting different kinds of helmets for more than 24 years. You can purchase latest design quality helmets here as well as personalize your own designs since we can provide a strong R&D support. We provide different options for custom service that you can select the different helmet color, different strap color, LOGO custom service, inner pad design, divider color, different strap buckle color, and we can provide different head adjusters even different colors for visors.

*ITW helmet buckle is light, easy to fasten and normally reliable. It has some drawbacks, however. It requires the strap to be adjusted correctly at all times, and retain the adjustment, since it always fastens at the same spot.*

## Helmet Buckle Options



ITW standard helmet buckle



Traditional helmet buckle



Patent self-developed magnetic buckle



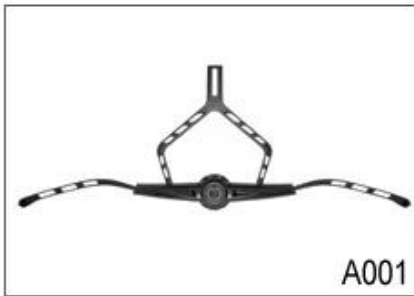
Fidlock magnetic buckle

We can also customize various colors buckle.

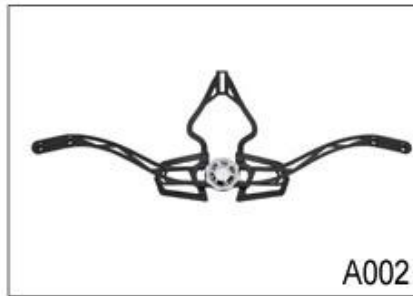


*The Up-N-Down helmet adjustment system gives the most precise and comfortable fitting of any helmet due to its unique double pivot design. This allows the back of the head to be cradled by the soft rubber pad, which are then easily tightened to the correct tension by a central ratchet wheel. Lightweight and easy to use. Advanced fit systems provide the perfect adjustment, in every direction, to match every individual head shape.*

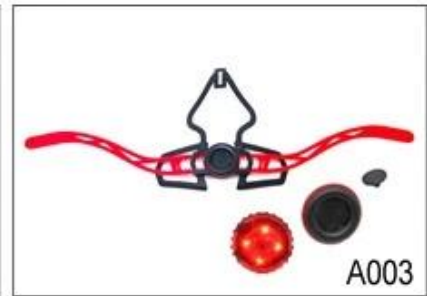
## Adjustment System Options



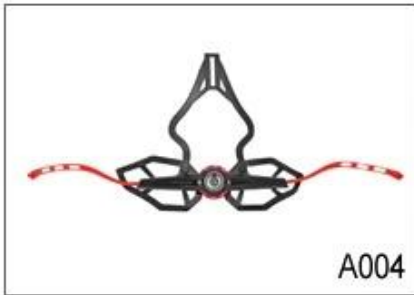
A001



A002



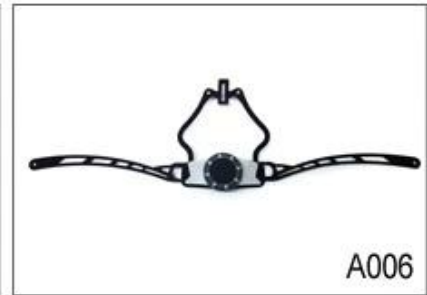
A003



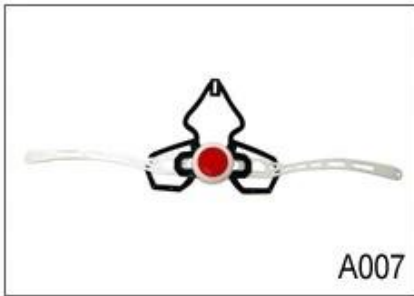
A004



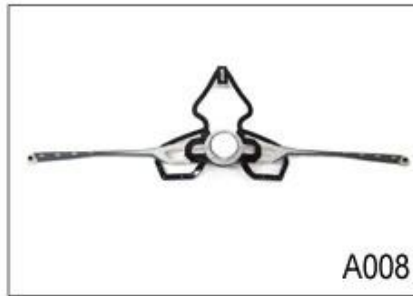
A005



A006



A007



A008



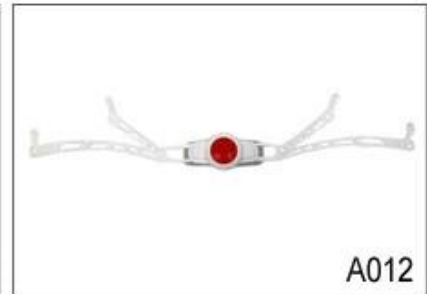
A009



A010



A011



A012

*Breathability and comfort are extremely important, that's why the Manta features Airlite straps which are 15% lighter than a standard helmet strap. Tetoron straps are lighter, stronger and more breathable than a normal helmet strap. They also do not stick to the face as easily when temperatures begin to increase. Fast Adapting System webbing can be easily and continuously tailored to your exact head shape. The helmet stays securely on the head in all situations and the webbing straps are always in the best position.*

## Helmet Strap Options



Nylon strap



PP strap



Tetoron strap



Polyester strap



PU strap



Available colored/patterned strap

*Various helmet strap embedded parts are available here! According to helmet design, our R&D team can advise anchors that suit your helmet body structure best! In special circumstance, we can customize this part for you!*



## Female Parts Options To Anchor Strap



M001



M002



M003



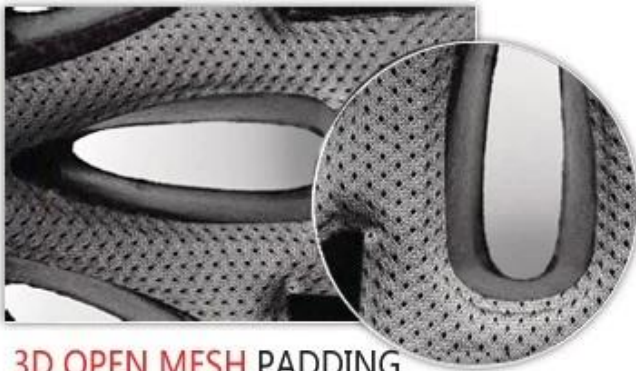
M004



M005

*Interior features significantly affect a helmet's comfort. All our pads absorb moisture and are anti-allergenic. Hook and loop fasteners allow easy removal for washing.*

## Inner Padding Options



**3D OPEN MESH PADDING**



**COOL MAX® PADDING**



**ANTI-INSECT NET**



**FEATHERWEIGHT GEL INSERTS**

*We have professional LED R&D team that can provide various solutions for your original helmet products!*

## LED Light Options



L001



L002



L003



## Facility Show:

**Aurora Sports** is a longstanding premium helmet manufacturer with more than 23 years experience in producing all types of helmets. In-house design and R&D teams with established experience, allows Aurora Sports to quickly answer to demanding requirements and create from scratch whole programs and collections with rigorous quality standards. Located in Dongguan, China with one-stop & integrated manufacturing operation, Aurora Sports has successfully built a strong relationship with satisfied clients worldwide and manufactured helmets for retailers, branded helmet companies and manufacturers.



## Shenzhen Aurora Sports Limited

established in the year of 2012, more than 22 years experience. Expert in production of all kinds of helmets for different sports. Excellent quality, reasonable price, fast delivery makes us get very good reputation among our customers. Expert in OEM and ODM orders. Our skilled R&D team offers one stop service for throughout customers. 99% export and our main market is North America, European, Australia, Japan etc. Your enquiry is very welcomed and we will try our utmost to help you establish solid market. We are looking for long term relationship and get win win situation.



1. Helmet house



2. printing



3. PC blister tooling



4. In-Mold producing process



6. raw EPS material



8. Packaging

### Our Technology

- In-mold advanced technology
- High density EPS forming
- Patented headlock design
- High definition screen printing
- 3D printer & scanner usage
- Carbon fiber production and application
- Aluminum & steel mould manufacture
- International standard testing laboratory

### Our Business Scope

- Sell quality design & fabrication helmets worldwide
- R&D advanced helmets for brand owner
- Manufacture OEM helmets with high standard
- Provide rapid prototype service according to drawings
- Open aluminum blister mould & steel injection mould

### Customized Options

- PC, PVC, ABS, PP, etc. various shell material choices
- Different quality & density EPS injection
- Alternative colorful linings & straps
- All kinds of headlock designs
- Logo & graphic stickers

## ***The head circumference knowledge of safest bicycle helmet:***

### **European Headform:**

An Oval shaped helmet is designed for a rider's head with a dimension which is considerably fit for Europeans.

### **Generic headform:**

A generic headform helmet is designed for a rider's head with a dimension which is slightly longer front-to-back than its side-to-side measurement.

### **Asian headform:**

A Round shaped helmet is designed for a rider's head with a dimension which is considerably fit for Asians.

# Helmet Shape 101



### **European Headform**

An Oval shaped helmet is designed for a rider's head with a dimension which is considerably fit for Europeans.

### **Generic headform**

A generic headform helmet is designed for a rider's head with a dimension which is slightly longer front-to-back than its side-to-side measurement.

### **Asian headform**

A Round shaped helmet is designed for a rider's head with a dimension which is considerably fit for Asians.

## ***Our Test lab:***

In order to manufacture quality helmets, we learn not only from the design theory, but also make progress from testing result! That's why our factory equipped with professional testing lab to ensure every design is practical & amenable! Our testing standard is more strict than the related certificate requirements, that's why we can promise the model that we provide can definitely pass the corresponding test by third-party!

## Our In-house Testing Lab



### **Certification:**

Below is our certificate :we have ISO9001 ,letters patent ,CE documents ,and we have our own lab to make sure every our product can meet the testing requirements

# CERTIFICATE



## Our factory's profile:

Aurora Sports is a helmet manufacturer, with more than 15 years experience in producing all types of helmets. In-house design and R&D teams with established experience, allows Aurora Sports to quickly answer to demanding requirements and create from scratch whole programs and collections with rigorous quality standards.

## CUSTOMIZE FOR BRAND



*Logo style: Dome, Metal, UV-Dart sticker, Water decal.*



### ***The helmet production procedure is as below:***

silk screen → PC blister tooling → PC blister manufacture → Trimming dug hole → EPS raw material by different density → EPS in-mold tooling → helmet in-mold workshop → in-mold machines → in-mold tooling → in-mold producing process → semi-finished in-mold helmet → IQC inspection → helmet grinding → inner padding production → plastic injection workshop → assembly line → inside labeling → packing → warehouse → installed counters.



## Production Procedure



Silk screen



PC blister tooling



PC blister manufacture



Trimming dug hole



Eps raw material  
by different density



EPS in-mold tooling



Helmet in-mold workshop



In-mold machines



In-mold tooling



In-mold producing  
process



semi-finished In-mold  
helmet



IQC inspection



Helmet grinding



Inner padding production



Plastic injection  
workshop



Assembly line



Inside labeling



Packing



Warehouse



Installed counters

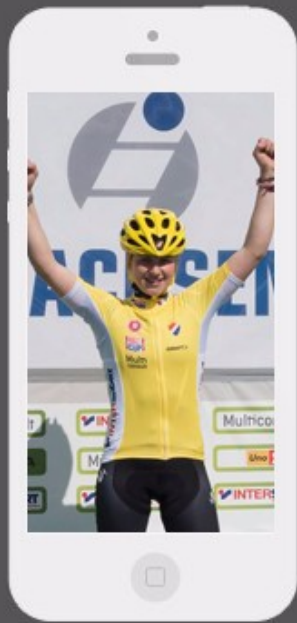
### ***The delivery express:***

International express, air freight & sea transportation are all can be well arranged here! You can pick every possible transportation that you want & we will do our best to assist you! We have already built a long-term relationship with different shipping companies & shipping agent, all our efforts aim at providing you the best shipping experience! Choose us, it will be easy to keep the helmets safe all the time!

## SHIPPING



- 1. Sophisticated, well-experienced R&D team offers tailor-made helmet design solutions*
- 2. One-stop, integrated manufacturing operation, make sure the fast delivery*
- 3. Fashion-conscious, trend-setting design team, offers professional graphic design service*
- 4. Cutting-edge facilities and self-owned testing lab*
- 5. Streamlined, responsive and cost-effective R&D procedure*



# FOCUS ON THE USER EXPERIENCE

*It's Aurora Sports who keep pursuing the best user experience from the initial design to after-sales service!*

*We always concentrate on the testing data as well as the user feedbacks, trying out best to produce a fine-tuned helmet with advanced head protection & highest enjoyment. It's our innovative practice & considerate service that continue setting our Helmets apart from the competition today!*