

# TECHNICAL SPECIFICATION



## EVO® ALTA™ DualSwitch™

Red / ARD170-400-600



### DESCRIPTION

The new EVO@ALTA™ range offers all round impact protection. The mountaineering-style helmet features a specialised shell structure and internal liner to increase durability and shock absorption performance. Precise adjustment settings enable a secure fit, ensuring that the helmet remains stable.

Engineered to maximise compatibility and accessory integration, the EVO@ALTA™ range is an adaptive system with built-in attachment points, an interchangeable front module, and a selection of 4-point chinstraps for use in a wide range of applications.

EVO@ALTA™ DualSwitch™ features the unique JSP DualSwitch™ harness system. With the DualSwitch™ up and EN 397 indicated on the switch, EVO@ALTA™ is fully compliant to EN 397 and EN 50365:2002 with a 4-point chinstrap designed to release under force if caught or snagged. With the DualSwitch™ down and EN 12492 indicated on the switch, EVO@ALTA™ is fully compliant to EN 12492 and meets the electrical insulation performance requirements of EN 50365:2002 with a 4-point chinstrap designed to stay secure under force, maximising security during a fall.

### OPTIONS

- Black (ARD170-401-100)
- Blue (ARD170-400-500)
- Extra Visibility Orange (ARD170-401-600)
- Extra Visibility Yellow (ARD170-40C-700)
- Green (ARD170-400-300)
- Grey (ARD170-400-400)
- Red (ARD170-400-600)**
- White (ARD170-400-100)

### SAFETY STANDARDS

EN 12492 • EN 397 • EN 50365



JSP Limited, Worsham Mill, Minster Lovell, Oxford OX29 0TA, England.























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## SPECIFICATIONS

|  |                                     |   |   |
|--|-------------------------------------|---|---|
|    | Peak<br>Micro                       |    | Impact Resistance<br>100 Joules   |
|    | Side Impact Resistance<br>25 Joules |    | Molten Metal<br>Yes   |
|    | Lateral Deformation<br>Yes          |    | EN 50365 ELECTRICAL INSULATION<br>1000V                                     |
|    | Maximum Temperature<br>+50°C        |    | Minimum Temperature<br>-40°C  |
|    | ABS Shell<br>Yes                    |    | EPP Liner<br>Yes  |
|    | Recyclable<br>Shell                 |    | Textile<br>Harness  |
|    | Ventilation<br>Yes                  |    | Depth Adjustment<br>3D Harness  |
|    | Wheel Ratchet<br>Yes                |    | Fitted 4 point DualSwitch chinstrap (EN12492 and EN397 compliant)<br>Fitted |
|    | Universal Accessories Slot<br>Yes   |    | Reflective Option<br>Yes  |
|    | ID card holder<br>Optional          |   | JSPCheck<br>Yes   |
|  | Product Weight<br>500g              |  | Size<br>53-64cm   |

## FEATURES



### All-Round Protection

EVO® ALTA™ provides all-round impact protection with top, side, front and rear shock absorption performance. The helmet is designed with an extended nape section to offer greater neck coverage.



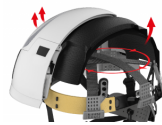
### Interchangeable Front Module

EVO® ALTA™ features a unique interchangeable front module. Select the integrated ID card holder for on-site identification or choose the logo-ready standard front to apply company branding. Both front modules enable attachment of a helmet lamp and other accessories.



### Compatibility & Accessories

The EVO® ALTA™ range maximises compatibility and accessory integration. Attachment points on the front, sides and rear of the helmet shell enable firm fitting of ear defenders, faceshields, goggle and lamp straps, plus a range of other accessories.



### EPP Liner

EVO® ALTA™ features an internal impact liner to increase shock absorption and penetration protection. Manufactured in expanded polypropylene (EPP), the liner is lightweight and ventilated for comfort.



### Maximum Comfort

The Revolution® Flex wheel ratchet harness secures the helmet, eliminating pressure points to provide maximum comfort. Fitted with a replaceable Chamlon™ cotton sweatband and fully compatible with EVO® cooling sweatbands for protection against heat stress.



### Secure Fit

The harness cradles the head to keep the helmet stable with an adjustable 4-point chinstrap for increased security. 3D-Adjustment depth settings enable the most precise fit attainable on a safety helmet.

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### 4-Point Chinstrap

The 4-point chinstrap is easy to adjust on the head. Size and anchorage point adjustment enable a tailored fit for different head sizes, ensuring stability and greater comfort.



### Dual Ventilation

Side and rear ventilation in the helmet's shell and liner reduce temperatures by an average 2-3 degrees.



### Switch Up

The chinstrap release force of EN397 is between 150 and 250 Newtons. This limits the risk of choking, the chinstrap has been designed to release if snagged.



### Custom Branding

Helmets can be customised to meet a corporate identity. Logo printing is available for the standard front module, helping to increase brand recognition and discourage theft. MOQs apply.



### Switch Down

The chinstrap release force of EN12492 is greater than 500 Newtons. This limits the risk of losing the helmet during a fall.

#### LOGO

- Front
- Sides

#### RANGE



#### DOWNLOADS

 [Image Pack \(ZIP\)](#)



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