

General Information

Instructions for Use

The Zenith helmet is for rock climbing and mountaineering helmet which designed to ensure maximum protection while respecting the need for comfort and light weight. Not only does it protect your head from falling objects but it also provides protection from direct impact with obstacles. Activities in the vertical world carry the risk of serious head injuries. The use of a helmet drastically reduces these risks, but it cannot entirely eliminate them. For extreme impacts beyond the scope of the test standards, the helmet plays its role by absorbing the maximum amount of energy possible, deforming sometimes to the breaking point.

! Caution !

- Read and follow carefully before use.
- Only the trained and experienced expert or the one who are under his/her direct or indirect control can use this.
- Misuse and forbidden uses may result in severe injury or death.

Use

This product must only be used by competent and responsible persons, or those places under the direct and visual control of a competent and responsible persons. Personal protective equipment(PPE) is to be used only on or with energy absorbing systems (for example dynamic ropes, energy absorbers etc). Check that this product is compatible with the other components of your equipment. To prolong the life of this product, care is necessary, when transporting as well as when using it. Avoid impacts, or rubbing against abrasive surfaces or sharp edges. It is up to the user to foresee situations requiring rescue in case of difficulties encountered while using this product.

Major fall and impact

Do not continue to use this product after a major fall or a major impact(fall of the product or impact on the product). Even though no external signs may be visible, a deformation may restrict its operation or internal damage may have occurred, thus reducing its strength. Do not hesitate to contact TRANGO in case of doubt.

Lifespan or how to assess it

- 3 years when monthly used.

- Because of its design, this helmet is subject to being crushed.
- Do not sit on it or pack it too tightly.
- Do not leave it exposed to full sunlight in a car.
- This helmet must be used of the temperature ranges from -20°C to +35°C.

Part list



- | | |
|----------------|------------------------|
| ① Shell | ⑤ Chin strap buckle |
| ② Vent hole | ⑥ Chin strap protector |
| ③ Lantern Clip | ⑦ Head form padding |
| ④ Divider | ⑧ Headband adjuster |

Product Spec

- (1) Model Name : Zenith
- (2) Model No. : THG-10
- (3) Lot No. : Marked on product(YY/MM)
- (4) Material : PC+EPS
- (5) Fitting Size : 53 ~ 64cm
- (6) Origin / Manufacturer : China / TRANGO
- (7) Vender : TRANGO

Features of product

- Customized helmet for korean fit which long-wated for korean climber.
- Designed with best width proposition for korean head.
- Ultra light helmet(265g) which manufactured EPS FOAM on vacuumed forming polycarbonate shell which actualize comfort and stabilization.

- Do not clean helmet body and webbing with water. Clean with wet fabric.
- Dry helmet shade and good ventilated place.
- Do not dry by heat and avoid direct sunlight.

TRANGO 1 year guarantee

- This product is guaranteed for 1 years against any faults in materials or manufacture.
- Exclusions from the guarantee : normal wear and tear, modifications or alterations, incorrect storage, damage due to accidents, to negligence, or for use in a way for which the product was not intended.
- TRANGO is not responsible for the consequences, direct, indirect or accidental, or any other type of damage befalling or resulting from the use of its products.



- Apply wide vent hole on every side which actualize great ventilation. Also feel comfort while alpine climbing.
- Backside head band applied dial adjuster for comfort and also made by nylon material for prevent damage, snapping.
- Apply 4 head lamp clip on front and back which enforced durability by nylon material.
- Helmet's back side designed smooth curved for improve backpack touching.
- Designed to prevent damage while storage by easy put head band into helmet.

Checking before each use for safety

- (1) Check the condition of the shell's inside / outside. (no cracks or deformities)
- (2) Attachment of the headband to the shell and adjuster's activate.
- (3) Chin strap's webbing and connecting parts.
 - Disuse : After an extreme impact, internal cracks which may not be readily apparent can diminish the shock absorbing capacity and strength of the helmet.

Fitting

The Zenith helmet must be adjusted to head size in such a way so that it cannot shift or slip off when the chin strap has been tightened

- (1) Chinstrap
 - Adjust strap length for fit and clip Chin strap buckle.
 - When the adjust strap, divider should be under the ears.
- (2) Headband
 - Adjust size by Headband adjuster.
 - Turn right for fasten, turn left for loosen.
 - After adjust, self check comfort and fix by head shake and open mouth etc.
- (3) Head lantern attach method
 - Attach head lantern before wear helmet.
 - Place head lantern bulb front, put the head lantern to helmet.
 - Clip the head lantern band to head lantern clip.
 - Fitting head lantern band to helmet and fix it.
 - If respected night mountaineering, attach head lantern before the dark.
 - When head lantern hanged, clip up by force, it may caused breakage of clip.

ZENITH HELMET



User's Manual for "Zenith" Helmet



TRANGO.Co.,Ltd.

#587-11, Anaji-ro, Gyeong-gu, Incheon 407-070, Korea
TEL : +82-32-555-3945 FAX : +82-32-555-3946