



**ECOLISTEC**

**Guardio**

PERSONAL PROTECTION INNOVATION

# Guardio ARMET

Next generation head protection



Guardio Safety is a Swedish developer of personal protection equipment, specially designed for construction and industry. Through science and innovation, we deliver products that make a difference.



THE WORLDS **FIRST** SAFETY HELMET WITH **Mips**



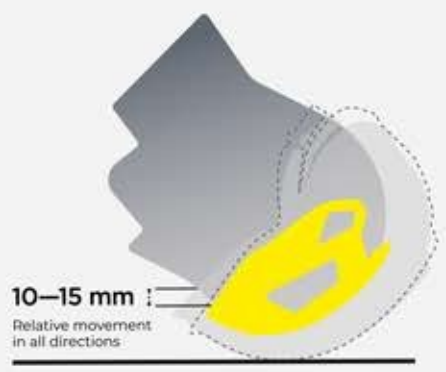
**Based in science and with user-centric design .**  
Guardio ARMET has been developed in collaboration with engineers and scientists from two of Swedens most notable scientific institutions: the Royal Institute of Technology and Karolinska Institute. Beyond exceeding safety standards, it has been designed for superior comfort and features for the varied needs of a professional.

**Light on your head, while highly impact resistant.**  
The choice of materials and thier composition allows the ARMET to be well-balanced and light on the head, with the feel of a bicycle helmet, thanks to its inner shell. The inner, shock-absorbing composition is a EPS and EPP combination, with a low density and high recovery rate.

**Durable outer shell that is made to last**  
ARMETS exterior is composed of ABS, known for its high resistance to impacts, penetration and flames. Compared to the more common helmet shells made of Polypropylene, ABS is more sturdy, does not scratch as easy and has a longer lifespan.

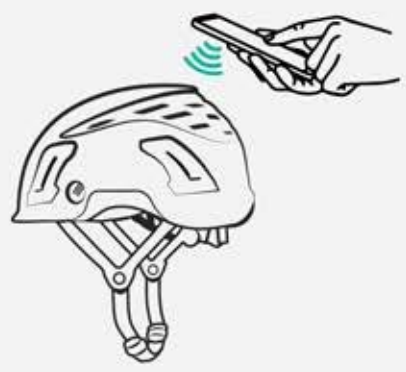
**Product specification**

- Weight:** 450gr
- Warranty:** 3 year
- Standard:** EN397
- Size:** From 53 to 63cm
- Air vent:** Stainless steel
- Inner shell:** EPP and EPS composition
- Outer shell:** ABS



Mips is a low-friction layer inside the helmet. It is intended to reduce the rotational force to the head that is transmitted to the brain at impacts. The system allows for free movement of 10-15mm between the helmet and the head in all directions. The Mips Brain Protection System is a Swedish patented solution based on over 20 years of studies by neurologists, bio-engineers and researchers at the Karolinska Institute and the Royal Institute of Technology.

- Patented Safety System
- Low-friction Layer
- Founded in Science



twiCEme is a digital NFC device integrated into the helmet. It enables storage and reading of emergency information. In the event of an accident, place an NFC-enabled smartphone on the twiCEme icon for instant access to information about the injured person: allergies, insurance information, chronic illnesses, medications and emergency contacts. It also present urrent coodinations, to aid in communications with emergency response. The users determine themselves what information to store. The device is not connected to the internet or the cloud and does not require GDPR consent.

- Access anywhere
- Safe and reliable storage
- Does not need to be charged



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# Guardio ACTIVE

Groundbreaking Hearing Protection



Guardio Safety is a Swedish developer of personal protection equipment, specially designed for construction and industry. Through science and innovation, we deliver products that make a difference.

INDUSTRIAL HEARING PROTECTION WITH



**ACTIVE**



**ACTIVECOM**  
With intecom



**Flexible Headband**  
Switch between headband and helmet mounting, both included



**Noise reduction microphone**  
Real time background noise suppression



**3.5mm plug audio input**  
For analog audio connection



**Multipoint connect**  
Pairing with two devices at the same time



**NFC Pairing**  
Touch hearing protectors with NFC enabled smartphone to connect



**Rechargeable built-in battery**  
Fast charging via USB-C

**Groundbreaking features for superior protection against harmful noise**

First of its kind with active noise cancellation protects against monotonous harmful noise electronically. Level dependent function, low-frequency sounds such as speech are allowed through while blocking louder sounds. They are designed for optimized insulation, with a comfortable padding and tight fit around the ear for effective protection against impulse noises.

**Flexibility and functionality to meet varied professional needs**

A flexible headband enables switching between the headband and helmet brackets, and both are included. The ACTIVE series uses a built-in fast-charging battery, a more sustainable option to the industry standard. All functions are configurable smoothly and efficiently via Guardios own app interface.

**Experience exceptional sound and music on your terms**

Sound system provided by Qualcomm aptX, a patented solution that offers wireless audio in stereo quality for a superior music experience. Smartphone connection to your music or audio app of choice via Bluetooth and Built-in FM radio that can save your favorite stations.

**Product Specifications**

Weight with headband: 440g

Bluetooth version: v5 APTX

Operating time Bluetooth streaming: 53h

Level Dependent Control

Weight with helmet mounting : 420g

Bluetooth range: Up to 10 meters

Operating time Intercom: 38h

FM Radio

Noise reduction microphone: CVC 6.0

Intercom range: Up to 1800m

Charging input: USB-C

APP Interface

**Active Noise Cancelling**

The Guardio ACTIVE series is the first of its kind with Hybrid Active Noise Cancelling, a method for reducing unwanted monotonous sound electronically. Sound signals are captured by microphones on the inside and outside of each earphone. The sound is analyzed and calibrated to send a mirrored sound wave that knocks out the harmful sound. The Hybrid version of ANC can suppress sounds on a more significant number of frequencies and quickly adapt and correct errors.



**Intercom**

The ACTIVECOM has an integrated cutting edge intercom solution. Communicate on a range of up to 1800 meters, with the option between 16 preset channels. The intercom operates on the PM446 frequency band. You can set the desired frequency to communicate via the accompanying app. Communication activation through either Voice managed switch (VOX) or the Push-to-Talk button on the right ear headphone.



**Bluetooth Dual Mode**

The Active series uses Bluetooth dual-mode technology, combining the advantages of Bluetooth Classic and Bluetooth Low Energy. It has the Bluetooth Classic applications such as making phone calls and listen to music. The Bluetooth Low Energy (BLE) technology transfers data at a more extended range. BLE makes it possible to connect headphones to other device systems, for example, sensors on vehicles. The Multipoint connect allows pairing with two devices to one headset at the same time.



**App Interface**

For a smoother user experience, the accompanying app interface can manage all the ACTIVE series functions. Adjust volumes and other audio settings quickly, and save preferred settings. Set intercom channels or Bluetooth connections for hands-free calls directly in the app. Set noise reduction and level-dependent features to suit your needs. The app is free and is available for both iPhone and Android phones.





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# Guardio ARGOS

Protects more than one sense



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**ARGOS**

**SAFETY GLASSES**



Optimized for Hearing Protection



Flexible



Scratch Resistant



Close-fit



**Developed for optimized use with hearing protection.**

The ARGOS series has been created to protect more than one sense. The thin, flexible temples of 2,5 millimeters ensures that they fit comfortably while used together with hearing protection. More importantly, they minimize leakage of noise protection between the temples of the glasses and the padding of the hearing protection.

**180° vision and protection for any scenario.**

The ARGOS have curved glasses for a panoramic field of view and protection from all angles. The glass of each version has 99.99% UV protection and are optically correct, to ensure sharp vision in all environments. Glass has been treated with premium anti-scratch coating.

**Dynamic and satisfying design.**

The design and composition of the ARGOS series are made to be comfortable, durable and tight-fitting. They have shock-absorbing, non-slip nose guards that secure stability for dynamic work. The form of the frames is highly responsive for a tight fit on any head type.

**Product Specifications**

**Weight:** 26 grams

**Glass Material:** Polycarbonate

**Coating:** Anti-scratch

**Standard:** EN166, ANSI Z87.1

**Frame material:** Polycarbonate

**Available in 4 different versions:**

**ARGOS Clear**

Clear lenses for safety glasses are an obvious standard. ARGOS version has optimal color recognition and high visible light transmission for clarity of sight. Treated with anti-fog coating to prevent fogging in warm or humid conditions.



Anti-fog coating

**ARGOS Smoke**

Darker lenses for brighter environments, the ARGOS Smoke prevents strong light from affecting your sight. Suitable for bright days outdoors or illuminated environments. Treated with Anti-fog coating to prevent fogging in warm and humid conditions.



Anti-fog coating

**ARGOS Polarized**

Polarized lenses that reduce sun glare without sacrificing clarity. Significantly reduces excessive glare from surfaces that reflect sunlight, such as water, ice and glass.



Effect of Polarized lenses

**ARGOS Photochromatic**

Fitted with Photochromatic lenses that adapt to light conditions. Lenses go from clear to dark, gradually darkening upon exposure to sunlight. Ideal for work that shifts between indoor and outdoor.



Effect of Photochromatic lenses