



**[Release under embargo]**

## **MKU Announces its Foray into Ballistic Ceramics with Kavro Kiro'X, Unveils Kavro Doma 360 Ultra**

**Paris, 19 November 2025** — At **Milipol Paris 2025**, MKU, a global defence and homeland security company, unveiled **Kavro Kiro'X Ballistic Ceramics** and **Kavro Doma 360 Ultra Helmet**. Together, they mark a significant leap in MKU's ongoing mission to deliver confidence, survivability, and mission advantage to modern forces.

With modern threats evolving rapidly, from high-velocity to armour-piercing and multi-impact engagements, today's protection systems must deliver an unprecedented combination of **light weight, high hardness, multi-hit resilience, and thermal stability**. At the heart of this performance lies **Kiro'X Ballistic Ceramics**, MKU's foray into advanced ceramic engineering, redefining the performance standards for hard armour in both personal and platform protection.

Built to deliver an exceptional strength-to-weight ratio, **Kiro'X** integrates advanced ceramic composites and proprietary manufacturing techniques that enhance ballistic performance while reducing load. Inspired by kinetic threat mitigation and extending the legacy of Kavro's **Kiroshield** and **Kirosoft** armour technologies, **Kiro'X** is engineered for ultra-hardness, lightweight design, and superior multi-hit capability. The Kiro'X range delivers exceptional energy absorption, reducing back-face signature and the risk of secondary injuries.



What makes Kiro'X stand apart is its **next-generation materials science** and **precision manufacturing**. The ceramics are formulated to arrest crack propagation, maintain integrity under multiple impacts, and resist thermal shock across extreme temperatures. By achieving ultra-high hardness at lower densities, Kiro'X ensures lighter armour plates and panels without compromising performance.

The Kiro'X range is offered in **three distinct configurations** to address varied operational needs:

- **Performance and cost efficiency** for scalable deployments,
- **Enhanced multi-hit toughness and energy absorption**, and
- **Ultra-lightweight elite-grade protection** against high-velocity and armour-piercing threats.

Designed for versatility, Kiro'X solutions are adaptable across **hard armour plates, helmets, shields, and platform armouring** for vehicles, aircraft and naval assets, serving both modern infantry and strategic defence platforms.



MKU also unveiled the **Kavro Doma 360 Ultra**, an extended range within its renowned **Kavro Doma 360 helmet family**, first introduced at Milipol 2023. The Doma 360 Ultra features an add-on **applique armour shield** on the front, delivering enhanced protection against **armour-piercing rounds** while maintaining NIJ Level III ballistic performance and all-around rifle-rated protection.



Speaking on the occasion, Karan Gupta, Vice President – International Sales at MKU, said: *“MKU’s focus has always been on empowering our heroes with protection they can trust, no matter how threats evolve. With Kavro Kiro’X, we’re introducing a new materials capability that not only strengthens our portfolio but also redefines the standards of survivability and performance in ballistic protection. And with Kavro Doma 360 Ultra, we’re taking soldier protection to the next level, ensuring our forces stay one step ahead on every battlefield.”*

Representing MKU’s continued push for innovation, both Kiro’X and Doma 360 Ultra reflect the company’s unwavering mission, to empower heroes with protection that instils confidence and performance that defines survivability.

#### **ABOUT MKU:**

MKU Limited is a global defence and homeland security company on a mission to empower heroes. With operations in India, Germany, Brazil and the UAE, MKU is a leading provider of advanced optronics and ballistic protection solutions for soldiers and platforms across the military, paramilitary, homeland security, law enforcement, and special forces.



Over the years, MKU has delivered protection to over 3 million soldiers and 3,000+ platforms across 230 forces in more than 100 countries. Their solutions are designed to instil confidence in those who stand in the line of duty.

MKU's Netro range of smart optronics devices provides unmatched aiming, airborne, surveillance, and situational awareness capabilities. These devices are designed for handheld, weapon-mounted, or head-mounted applications, enabling superior performance in the most demanding environments.

Their Kavro range of protection solutions offers enhanced ballistic safety, modularity, and mission compatibility through smart technologies, ergonomic design, and advanced functionality. This includes ballistic helmets, body armours, ballistic shields, and armour solutions for naval, air, and land platforms and vehicles.

Through Navro Platform Maintenance, MKU offers maintenance, repair, and overhaul (MRO) services that enhance night enablement and upgrade situational awareness, surveillance, and reconnaissance capabilities of key assets such as aircraft, helicopters, naval vessels, Armoured Fighting Vehicles (AFVs), Infantry Combat Vehicles (ICVs), and Air Defence Systems.

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