



NAVAL PROTECTION

THE NEW MASS NOVA

MODERN NAVAL PROTECTION, REDEFINED

The new MASS nova (Multi Ammunition Softkill System) heralds a new era in maritime self-protection. Designed from the ground up, it combines state-of-the-art technology with over 25 years of experience in defending against current and future threats. The result is a system that sets new standards in effectiveness, adaptability and ease of use.

FUTURE-PROOF MEETS EXPERIENCE

The new MASS nova has been specially developed to meet the complex challenges of modern threats. These include littoral and hypersonic threats and advanced 5th generation guided missiles with SAR technology. An additional degree of freedom in the system design allows even more flexible responses to changing scenarios.

EFFICIENT, COMPATIBLE, POWERFUL

- Support for new, highly effective ammunition types
- Low-threshold system expansion – a simple upgrade of existing systems
- Full compatibility with existing MASS ammunition
- Very low radar cross section (RCS) for maximum concealment
- Increased ammunition capacity
- Extended protection through ballistic missile defence capability

The new MASS and 3DDS – State-of-the-art countermeasures for a new threat environment. Developed for today's requirements – ready for tomorrow's challenges.

3DDS – 3D DECOY SWARM

THE FUTURE OF DECEPTION

As the latest effector component of MASS nova, 3DDS impresses with a completely new type of threat defence. This fire-and-forget ammunition is based on swarm technology and reproduces realistic ship signatures in the target area – autonomously, effectively and without course or speed adjustments.

INTELLIGENT, AUTONOMOUS, UNCOMPROMISINGLY EFFECTIVE

- Can be launched directly from MASS nova
- Realistic replication of ship signatures through swarm behaviour
- Precise flight to pre-programmed waypoints
- No course or speed adjustments necessary on the ship
- Optional active radiation to defend against anti-radar missiles (ARMs)
- Optimal interaction with hard-kill and soft-kill systems – no self-radiation in the direction of the carrier ship
- Independent of the ship's system – suitable for radio silence operations

