

mini-MUSIC

Advanced DIRCM for small to medium helicopters and aircraft



Elbit Systems Electro-optics Elop's family of MUSIC systems provides high-performance, DIRCM solutions for protecting all types of rotary and fixed wing aircraft against heat seeking Man Portable Air Defence Systems (MANPADS). These operationally proven systems integrate advanced fiber laser technology with an accurate, high rate thermal tracker and a small, highly dynamic mirror turret to provide effective, reliable and affordable protection to all types of aircraft, under all operational conditions.

mini-MUSIC, the newest member of the MUSIC family, is an advanced flight tested DIRCM system, in a compact and lightweight package, that protects small and medium rotary and fixed wing aircraft.



Elbit Systems™

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Compact and Lightweight

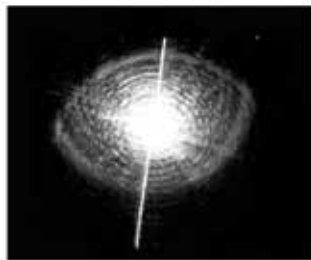
- Powerful fiber laser for efficient operation
- Sealed mirror gimbal for high reliability
- Thermal camera for accurate acquisition and tracking
- Hyper-hemispherical dome for maximum coverage

Main Features

- Compact size and weight, single LRU
- High reliability
- Rapid response time
- Automatic internal boresight
- Open architecture for MWS interface

Technical Specifications

- Overall weight 19 kg
- Dimensions 271(W) x 316(L) x 449(H) mm
- Power consumption <1000W
- MWS External MWS (UV or IR)
- Installation options Single, dual turret



mini-MUSIC flight tests



mini-MUSIC potential dual turret configuration



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