



**The unique fifth generation land combat missile system designed for dismounted infantry as well as for integration on combat vehicles:**

- Next generation seeker
- Next generation tandem warhead
- Innovative Hi Tech features
  - Automatic seeker Lock-On (image correlation)
  - Missile MEMS IMU for firing on target designation with in-flight targeting & re-targeting (fiber optic data link)
- Interactive firing post with autonomous operation and NCW mode

**On all terrain, for all combat:**

- Lightweight weapon system, easily man-portable
- High level of day and night, all-weather reconnaissance and identification capability
- Confined space firing capability
- Rapid reaction operation, firing sequence reversibility
- Lethality against a wide target set: hot and cold targets, including latest MBTs
- Collateral damage risk minimisation

**MMP's design includes the growth potential necessary for a future family of missiles for modern land combat**

**Range: In excess of 4,000 m in all conditions**

**Digital missile:**

- **2 firing modes with man in the loop**
  - Lock-On-Before-Launch (LOBL)
  - Lock-On-After-Launch (LOAL)
- **2 seeker bands**
  - Colour TV
  - Uncooled IR
- **2 selectable trajectories**
  - Low altitude with direct attack
  - High altitude with top attack
- **2 selectable warhead modes (2 in 1)**
  - Anti Tank for optimal armour penetration
  - Anti Infra for maximum blast and anti-personnel effect

# MMP

**5TH GENERATION  
LAND COMBAT  
MISSILE SYSTEM**

**MBDA**  
MISSILE SYSTEMS



## LAND

### MBDA Contacts

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### MMP digital missile

- Passive dual-band seeker (uncooled IR and colour TV channel)
- Firing on target designation with accurate flight path thanks to Inertial Measurement Unit
- Two-stage main propulsion system with soft launch and smokeless characteristics
- Multi-purpose tandem warhead capable of defeating 1,000 mm of RHA, 2,000 mm of concrete
- Maintenance free

### MMP interactive firing post

- Fully digitised with embedded sensors
  - Latest generation IR band 2 and day camera
  - Laser range finder, GPS and digital magnetic compass
- Advanced ergonomics
- Modular architecture to facilitate integration on combat vehicles

### MMP next generation training simulators

- Gunnery training simulator for indoor training based on enriched reality technology
- Combat firing simulator for tactical training in the field

### Name

- **MMP**  
(Missile Moyenne Portée)

### Missile

- **Weight (incl. tube): 15 kg**
- **Length: 1.3 m in tactical canister**
- **Diameter: 140 mm**
- **Real time data link (fibre optic)**
- **Range: in excess of 4,000 m**

### Interactive firing post

- **Weight (incl. tripod and battery): 11 kg**
- **Autonomous with battery or can be connected to external power sources**

