



MISTRAL MANPADS

LIGHTWEIGHT, MAN PORTABLE VSHORAD WEAPON

Mistral MANPADS is a highly portable, easy-to-use fire-and-forget VSHORAD system featuring a Mistral missile launcher mounted on a tripod that can be operated from the ground, a vehicle or a vessel. The easy to load launcher accommodates a single, ready-to-fire Mistral missile.

Mistral is a man-portable, fully digital, heat-seeking fire-and-forget missile designed to meet the requirements of all branches of the armed forces. It boasts a 96% proven success rate and higher reliability than any other existing low-level air defence missile. It integrates ultimate state-of-the-art technology to ensure optimum effectiveness. This includes a full imaging seeker providing high resistance to IR countermeasures and the ability to engage low IR signature targets. The missile's large 3kg warhead associated with a laser proximity fuze combine to provide an impressive kill probability.

Operational advantages

- Fire-and-forget allowing engagement of multiple, simultaneous threats
- Enhanced ability to engage low IR signature targets (eg. drones)
- Unequalled performance against the latest countermeasures
- Easy to use, rapid reloading
- Can be operated day and night, in severe weather and regardless of terrain conditions
- Lightweight and easily man-portable by a two-person team (one for the firing post and one for the missiles)
- Can be integrated within a wider defence network

GROUND BASED AIR DEFENCE

MBDA contacts

1 ave Réaumur
92350 Le Plessis Robinson
France
Tel: +33 1 71 54 10 00
www.mbda-systems.com



Effectiveness

- High kill probability
- Very high speed (930m/s) and manoeuvrability (30G)
- Effectiveness guaranteed against all types of targets, including UAVs, high speed and highly manoeuvring fixed and rotary wing aircraft

Flexibility

- Day and night operation
- Deployable in standalone or in coordinated mode
- Qualified for use in severe weather conditions and extremes of temperature (-40°C to +71°C)
- Easy to operate regardless of terrain conditions

Ease of operation

- Fire-and-forget engagement mode
- Simple training with indoor simulator and in-the-field training system

Features

- Can be integrated within a fire control and coordination system such as LICORNE

Missile characteristics

- Weight: 19.7kg
- Length: 1.86m
- Diameter: 90mm
- Maximum intercept range: 7.5km
- Minimum intercept range: 500m

