



MISTRAL ATLAS RC is a new MISTRAL system based on a remotely controlled turret, equipped with two Mistral missiles and a latest generation thermal sight, capable of being mounted on light armoured vehicles such as the URO VAMTAC ST5, the RTD SHERPA or the NIMR Ajban 440. Whilst the standard Mistral ATLAS system is a manually operated twin missile launcher, the new ATLAS RC system provides greater protection to the crew, since it can be operated from within the vehicle's cabin or, remotely, through a state-of-the-art fully mobile workstation. Its 360° revolving, motorised turret is easy to operate, provides an optimised operational capability while at the same time keeping costs to a minimum.

ATLAS RC is compatible with all versions of the combat proven Mistral missile and benefits from its many performance advantages. Mistral ATLAS RC is MBDA's response to today's requirements for a weapon system that combines high fire power, short reaction time, day/night surveillance and engagement capabilities, tactical and strategic mobility, together with a high level of crew protection. The system can be integrated into a coordinated fire control network and adaptable to any communication system chosen by the customer. The system has been designed to minimize crew workload and number (it can be operated by one single soldier), to be easily integrated on a wide range of high-mobility armoured or non-armoured combat vehicles and to be air transportable on aircraft such as the A400M and C130.

MISTRAL ATLAS RC

VEHICLE MOUNTED
REMOTE CONTROLLED
AIR DEFENCE SYSTEM

Effectiveness

- High kill probability
- Very high speed (930 m/s and manoeuvrability up to 30 G)
- Efficiency guaranteed against all types of targets, including high speed and highly manoeuvring combat aircraft as well as helicopters

Flexibility

- Day and night
- Deployable in stand alone or in coordinated mode
- Qualified in severe weather conditions (- 40°C to + 71°C)
- Easy to integrate on a large range of vehicles

Ease of operation

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



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MISTRAL is a man-portable, fully digital, heat-seeking 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.

MISTRAL integrates ultimate state-of-the-art technology to ensure the same effectiveness, in peacetime as well as in wartime conditions. The missile integrates a full imaging seeker enabling high resistance to IR countermeasures as well as engagement of low IR signature targets, and a large warhead of 3kg associated to a laser proximity fuze for an impressive 96% kill probability.

Name

- MISTRAL ATLAS RC

Missile characteristics

- Weight: 19.7 kg
- Length: 1.86 m
- Diameter: 90 mm
- Maximum Intercept range: 6.5 km
- Minimum intercept range: 500 m

