

GUARDIAN MANPACK

ELECTRONICS DIVISION

(6GHZ RESPONSIVE)



GUARDIAN™ Manpack (6GHz Responsive) is the latest and most advanced addition to the operationally proven GUARDIAN™ suite of Electronic Counter Measures (ECM) equipment. It uses the latest technologies and techniques to provide advanced protection against the threat of Radio Controlled Improvised Explosive Devices (RC-IEDs).

Through the GUARDIAN range of products, Leonardo offers combat-proven, military-grade products that are extremely reliable, easy-to-use, simple to deploy, operate and support within the demands of the land tactical environment.

Through many years of experience in delivering counter-RC-IED products and a profound understanding of the evolving threat environment, Leonardo introduces the most advanced Manpack RC-IED. This provides state-of-the-art protection for Explosive Ordinance Disposal (EOD), Force Protection (FP), VIPs and fixed/static location assets.

KEY CAPABILITIES

- › EOD, FP, VIP and fixed infrastructure roles
- › 20MHz – 6GHz continuous coverage
- › Active, responsive or hybrid techniques
- › Scalable, configurable and flexible
- › Ensured spectrum interoperability
- › Software configurable (in theatre)
- › Evolved from Leonardo's range of in service GUARDIAN ECM products
- › Fill protection and Zeroise capability
- › Future proof and scalable
- › Threat profiling, analysis and waveform generation and verification
- › Training for techniques and procedures available (TTPs)
- › Through life support service

GUARDIAN Manpack (6GHz Responsive) employs the most advanced Electronic Counter Measure technologies and techniques to provide the ultimate flexible, scalable, software configurable ECM capability.

Through highly advanced algorithms, GUARDIAN Manpack (6GHz Responsive) will reliably detect and inhibit threat transmissions over the 20MHz to 6GHz frequency range by defeating threat signals with targeted transmission of RF power.

Being software configurable GUARDIAN Manpack (6GHz Responsive) provides many options that can be selected, depending on the particular threat environment. The user-configurable software and scalable hardware, provides the flexibility to enable users to tailor the system to defeat both current and emerging threats and specific user requirements.

In this way GUARDIAN (6GHz Responsive) provides an enduring future proof capability and the ultimate protection solution.



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