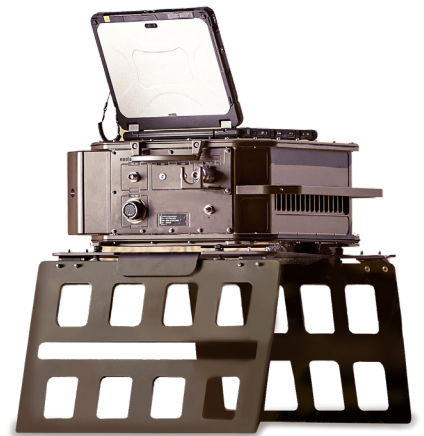


GERGEDAN | 3-LCT

PORTABLE ELECTRONIC ATTACK SYSTEM

#ElectronicWarfare



aselsan

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GERGEDAN 3-LCT System is designed to disrupt adversary communication at V/UHF band with ASELSAN's extensive EW technology expertise. Being a configurable system, GERGEDAN 3-LCT System can be used on-the-move while being transported as backpacks by personnel and easily set up for operation at regions such as highlands, in which transportation by vehicles is almost impossible. Higher efficiency operations at the target region is possible with its high gain directional antenna. In addition to the high gain directional antenna, efficiency can be further increased with the plug-in Booster. Beyond the land-based usage, GERGEDAN 3-LCT can be integrated into UAVs (Unmanned Aerial Vehicles / Systems) and USVs (Unmanned Surface Vehicles / Systems).

Besides the active jamming, GERGEDAN 3-LCT monitors the frequency spectrum to detect any instantaneous triggering signals and jams those communications in reactive mode with the optimized algorithm.

In addition to its communication jamming capabilities, GERGEDAN 3-LCT also provides audio interference for deception. Operators can generate digital audio records before operation and broadcast them with certain parameters during electronic attack.

Operational Capabilities

- Jamming Types: Continuous, Look-Through
- Jamming Modes: Spot, Multiple, Barrage, Reactive
- Deception with Audio Records
- Protected Frequencies for Creating Dynamic Communication Channels for Allies/Friendly Forces
- Activity Recording

Main Features

- V/UHF Operational Frequency Band
- Modular Design
- Higher Efficiency with Plug-in Booster
- High Gain Directional Antenna
- On-the-Move Jamming with Omnidirectional Antenna & Fast Mode Switching with Hand Control Unit
- GPS Based Atomic Clock
- >3 Hours Non-Stop Jamming Capability with a Single Set of Li-Ion Batteries, >6 Hours with Spare Battery Set (Suitable with Mains/Generator Supply)
- Built-in-Test (BIT) Capability
- User Friendly SW
- Remote Control
- Directional Antenna Configuration Ready-to-Go in < 30 Mins
- Field/Combat Proven
- MIL-STD-810 Compatible
 - Operation Temperature: -30° / +50°C
 - Storage Temperature: -40° / +60°C
 - Shock and Vibration
 - Humidity: 95% (Non-Condensing)
 - Sand, Dust, Rain



Specifications are subject to change without any notice. | All tolerances are within $\pm 10\%$.

REHİS - GERGEDAN 3-LCT - 12.2024