

# KANGAL | MP

SOFTWARE DEFINED MANPACK RCIED  
JAMMER SYSTEM

#ElectronicWarfare



aselsan

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## SOFTWARE DEFINED MANPACK RCIED JAMMER SYSTEM

KANGAL-MP is designed for protection against Radio Controlled Improvised Explosive Devices (RCIEDs). The system is specialized on the protection of on foot personnel and task forces.

### System Features

- Minimum weight and maximum range coverage
- Fully programmable over the whole frequency band offering the user utmost customization flexibility with a standard laptop
- Creating specific dynamic communication channels for friendly force communication
- Easy to use with the Hand Control Unit with a user-friendly interface
- Can be easily transported and made functional with ergonomic design
- Easy control of output/return power, in-device temperature and battery with In-device Testing Capability
- Long-term use with lightweight design high-capacity Li-Ion batteries
- Different power amplifier and antenna options in accordance with customer needs

### Technical Specifications

- MIL-STD-810 Environment (Humidity, Rain, Sand/Dust, Wind, Shock/Vibration)
- Frequency Coverage : V/UHF Frequency Band, Configured in Accordance with Customer Requirements
- RF Output Power : <130 Watt
- Jamming Type : DDS-Based FPGA-Controlled Swept Jamming
- Antenna Type : Omni-Directional Antennas
- Power Source : Li-Ion Batteries
- Weight : <12 kg (1,5 Hours Battery Configuration)
- Operation Time : >1,5 Hours (1,5 Hours Battery Option)  
>3 Hours (3 Hours Battery Option)
- Electric Field (SAR) : Compatible with ICNIRP Standards (Human Safe)
- Operating Temperature : -30°C - +50°C
- Storage Temperature : -40°C - +60°C



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

REHİS - KANGAL-MP - 12.2024