Backpack Jammer System

Article No.: 1250150

FW-MR1

Backpack Jammer System

The Backpack Jammer System was developed for small EOD / IED teams, which require flexibility and agility in the field. The system uses Direct Digital Synthesis Sweep and dedicated software to maximize its effectiveness.

This lightweight jamming system enables the operator to swiftly program the unit using a Windows®-based laptop or USB stick or using the integrated Hot Switch to instantly swap between two preset jamming configurations.

- 20 -500 MHz digitally programmable
- GSM 800/900/1800
- 3G + CDMA + DECT + Wi-Fi
- Hot Switch
- Interchangeable Li - Po battery pack
- Remote Control
- 1h operation time

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Dimensions
Jammer excluding antennas
600 x 170 x 85 mm

Weight
9 kg incl. batteries and antennas

Antennas
2

Transmission Power
Ch. 1: 25 W Ch. 2: 30 W

Jamming radius
20 m (distance IED transmitter to IED receiver 100 m or more)

Operation Time
1h

Power Supply
External lithium polymer battery pack
22-28 VDC

Temperature Range
Operating -40°C to + 65°C
Storage -40°C to + 85°C

Frequency Range
20-500 MHz continously
GSM 800/900/1800
3G
CDMA
CECT
Wi-Fi

Frequency Stability
100 %

Jamming source
Direct Digital Synthesis (DDS) signal generators for whole bandwith
- AM/FM Modulation
- Real white noise
- Barrage mode

Software
Dedicated Software Windows based (Windows 32/64 bit 2000, NT, XP, Vista, 7)
- Fully configurable for different levels of security clearance
- User input visualization and verification
- User dependent log files
- Downloadable configuration presets

Connectivity
USB 2.0 via laptop or stick

Remote Control
Fully configurable remote control
Programming hot switch

Integrated Interface
Battery flash test button

Security
- Audible/visible alarm indicator for low battery
- Zeroize capability
- Non-volatile EEPROM data storage
- Stabilized power amplifiers to compensate power fluctuation

Housing
Aluminium casing with forced air cooling

Optional:
250150-01 Spare Set antenna for channel 1 + 2
250150-02 Spare exchangeable lithium battery (for 1 h operation time)
250150-03 Training 2 days software and system (up to 5 persons)

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