

Portable Man-Pack Jammer for Military operations

MODEL MP808
Total Output Power 70W



PHANTOM TECHNOLOGIES LTD.

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General Description

The Man Pack model MP808 Tactical Jammer has been designed to neutralize RF and Cellular communication during special units' activity in the field. The MP808 uses state-of-the-art technology for maximum performance. The unit is controlled by a FPGA for DDS & TxDac programming.

The MP808 transmits a noise signal which cuts off RF communications at HF, V/UHF, Cellular & Wi-Fi bands. The unit protects against RCIEDs detonated remotely by HF, V/UHF, Cellular or Wi-Fi networks. The protection muting ratio is up to 6:1 (depends on environment conditions). The MP808 is supplied with high quality Lithium-Ion/Polymer battery and provides up to 4 hours of continuous operation. The MP808 is supplied with a temperature sensor that controls the silent fans, for an automatic and necessary use only. Our MP808's design approach is supporting MIL-STD810F. Additionally, the MP808 is supplied with a special backpack case & Remote Control.

System Features

1. Jamming distance: 40M
2. VSWR protector
3. High gain Omni-Directional antennas
4. GUI for programming desired bands and Open Communication Window
5. Thermal protection
6. Low battery indicator
7. Remote Control Operation
8. Unit complies with IP65 standard
9. Set of Antennas - Omni direction and directional high gain
10. Programmable frequency bands

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Technical Specifications

RF Characteristics	
Output Power	Up to 30W per band
Internal Modulation	FM Hopping Frequency + White Noise
Signal Source	DDS & TxDac
Power Supply	25.9VDC/40Ah Li-Ion/Polymer Rechargeable Battery
Modules Per Unit	Up to 8
Remote Control	Wired
Jamming Frequency Range	
Frequency Band	According to customer requirements
Air Interface Standards	Digital: IDEN, TDMA, CDMA, GSM, 2G, 3G, 4G, Wi-Fi
Physical Data	
Dimensions	460 x 350 x 150 mm
Weight w/o Battery	Approx. 15 Kg
Weight with Battery	Approx. 19.5 Kg
Environment of Operation	
Operating Temp	-20°C to +55°C
Humidity	5% - 95% - Non Condensing
Mil Spec Standard	MIL-STD810F

*Specifications are subject to change without prior notice
Ver. 1.00.09.16

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