



**WolvesFleet**

We Save Lives and Prevent leakage of confidence



# HIGH-POWER MANPACK MULTI-BAND JAMMING SYSTEM

Model No. WF-MANPACK JAM4

## INTRODUCTION

Detonation and confidence leaking, resulting from Road-side Remote Improvised Explosive Device (RCIED) have been a serious threat for the lives' safety of the bomb disposal troop and law enforcement quality of anti-terrorism unit. To ensure the smooth process of law enforcement task and people's lives safety have been the tremendous challenge and task in many parts of the world.

Wolvesfleet solutions—**WF-MANPACK JAM4**, High Power Frequency Scan Convoy Jamming System, implementing the most effective and reliable RF jamming technology and equipped with a fully-integrated broadband jamming system. **WF-MANPACK JAM4** is highly portable and light weight. Easy for back pack. It plays an important role to use the heavily loaded vehicle and trolley-type devices in some extreme hard situation. The operator can carry it forward through the hills and muddy road, as well as Climbing steep mounts and stairs avoid casualties and improve the combat efficiency.

**WF-MANPACK JAM4**, full manpack multi band Jamming system is designed with a ruggedized case, light weight, high mobility and reliance. This device is configured with 4 different jamming modules, the jamming frequency can be more than 10 Bands. Jamming frequency module can be up to 110 watt output power maximum.

**WF-MANPACK JAM4** is especially easy to install and operate: simply attach the selected antennas and activate the desired frequency bands.

The general design of the system meets military requirements as well as international quality standards and requirements. Our industrial in-house quality management system guarantees highest quality standards in terms of performance, reliable and long-life cycles.

Based on our general design, we can further customize our systems to client-specified scenarios both for military and civil applications in order to provide the best individual solution.



## ADVANTAGES OF THE WF-MANPACK JAM4

- ▶ High-power Manpack multi-band jammer.
- ▶ Modular construction for easy maintenance, repair and upgrade.
- ▶ Jam up to four different jamming modules.
- ▶ Max 110 watts total RF output power.
- ▶ High portable, back pack type.
- ▶ Internal battery, AC mains or DC power.
- ▶ External LCD display to indicate the battery level.
- ▶ Systematic Smart Cooling System.
- ▶ The general design of the system meets military requirements.





## APPLICATION

Bomb disposal squads, VIP protection, Special Police (S.W.A.T), military security forces, bomb squads, anti-terror units, anti-drug units, Border control units, checkpoint personnel, these types of law enforcement personnel who benefit greatly from the deployment of any of these best-in-class manpack RF jamming solutions.

They can conduct the law enforcement process more effectively to reduce the chance that the criminals leak the information.



## TECHNICAL SPECIFICATION

WF-MANPACK JAM4L		
RF Frequency Band(MHz)	Application	RF Output Power (Watt)
25-60	HF, Radio Control Toys; Car Alarms	30
135-175/240-280/310-400	Walky-talky ( VHF ) Remote Control, Walky-talky ( UHF300 )	50
400-470	Cellular NMT; Walky-Talky ( UHF400 ); Cellular CDMA450; Car Alarm; Remote Control	15
725-775,850-895;925-960	LTE4G, Cellular CDMA800/GSM900, UHF800	15
TOTAL RF POWER		110Watt

WF-MANPACK JAM4H		
RF Frequency Band(MHz)	Application	RF Output Power (Watt)
1520-1580	GPS & Satellite; Thuraya; Iridium; Odyssey; GlobalStar; Inmarsat; Aces; Elipso	10
1805-1880/1920-1990	Cellular HGSM1800,GSM1900/ PHS	10
2110-2170	Cellular UMTS / WCDMA,CDMA2000 ( 3G )	10
2400-2500/2620-2690	WLAN & Bluetooth & WiFi,LTE,4G	25
TOTAL RF POWER		55Watt

Frequency Range	25-2700MHz
Total RF Power	55-105Watt, Max: 150Watt
Jammer Module Number	4
Channel Frequency Number	10Bands, Max: 15Bands
Cooling System	Systematic Smart Cooling System
System Protection	VSWR, Over-voltage, Over-current,
Jamming Source	Frequency Scan Technology
Antenna Type	High Gain Omnidirectional Antennas
Number of Antennas	4
External Battery	23AH/24-28VDC
Jammer Size	35×16×47cm
Jamming System Weight	Approx.18kg
Operating Temperature	-35°C~+80°C
Operating Humidity	Up to 80%

# EQUIPMENT STRUCTURE AND OPERATING PRINCIPLES

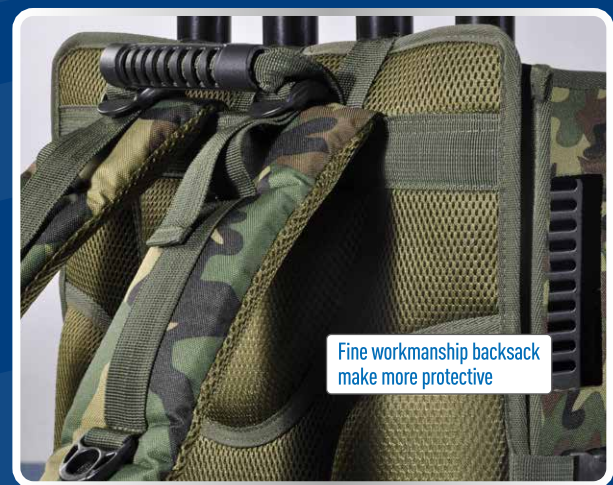
## MACHINE BODY

**WF-MANPACK JAM4** Frequency Scan technology, fully sweeping the jamming frequency bands so that it results in a more efficient jamming and more shielding coverage.

Modular design makes easier maintenance. Any damage of one module can be took off and changed easily. It will not interfere the other modules' normal working.







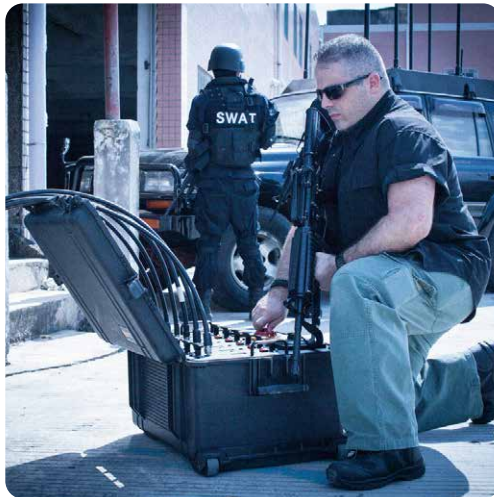
## BATTERY TECHNICAL PARAMETER

To warranty the safe operation of the equipment, Lithium Iron Phosphate battery has been selected. It is most secure battery among the global large capacity batteries currently.

Item	Model	WF24-230E2
1	Capacity	23AH
2	Voltage	26V
3	Internal Resistance	24m Ω
4	Size	175mm(L)*130mm(W)*158(H)
5	Recharge	0.2C
6	Discharge	1C
7	Weight	5.6Kg
8	DC Charger	INPUT:100-230AC, OUTPUT:29.2V/5A DC



# Wireless Explosion Prevention Expert



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