

**NEW**



**JAM**



**ULTRA BROAD BAND  
(20MHz - 3000MHz)**



**EXTRA HIGH RF POWER**

**ISUZU D-MAX  
release**

**OPTIMUM JAMMING SOLUTION  
FOR MILITARY CONVOY AND VIP PROTECTION**

# UNIVERSAL JAMMING SOLUTION FOR MILITARY CONVOY AND VIP PROTECTION

## GENERAL DESCRIPTION

The **JAMX** incorporates the latest technology in jamming know-how. Specifically designed for continuous, effective and hidden operation whilst en route, this is an ultra high power broad band jamming system fully integrated into a customized pick-up type 4WD vehicle (Isuzu D-Max, Toyota Hilux as well as Military Hammer).

Jamming the entire spectrum of HF/VHF/UHF from 20MHz up to 3GHz (several spectrum options available), the **JAMX** provides a covert turn-key optimum solution to combat all types of wireless and radio controlled explosive devices.

The customized vehicle is fitted out with a broad band bomb jamming system with independent smart active cooling system, fully installed and tuned omnidirectional antenna kit, a separate high power generator with back up battery pack, operator's remote control panel and internal RF protection shielding.



## ADVANTAGES

- ✓ Ready-to-drive away with installed system;
- ✓ Totally disguised as a normal looking vehicle;
- ✓ High power independent generator;
- ✓ Very high RF transmitting power (more than 1kW);
- ✓ Special design for continuous operation whilst en route;
- ✓ Ultra broad band (20MHz up to 3GHz) jamming system;
- ✓ Internal RF protection shielding for passengers safety;
- ✓ Battery back up for continuous silent (hidden) operation and fast start;
- ✓ Operator's remote control panel with separate switch on/off functions for each frequency band.

# NEW

**ULTRA BROAD BAND  
(20MHz - 3000MHz)**



# JAMX

## MAIN APPLICATIONS

- ✓ Military convoys;
- ✓ VIP Protection;
- ✓ Prison compounds;
- ✓ Military installations and bases;
- ✓ Sensitive Government Installations;
- ✓ Special Police (S.W.A.T.);
- ✓ Military Security Forces to counter terrorist activities;
- ✓ Bomb Disposal Area;
- ✓ Covert operations by anti-drug enforcement units.



# The Ultimate Jamming Solution

# JAMX

Military and VIP convoys face a serious terrorist risk in many countries, especially in hostile areas of the world. SESP understands the necessity of providing fast mobilization of a dedicated vehicle for critical situations and missions. SESP developed The JAMX to provide the ultimate solution for saving lives which are threatened by roadside bombs (IEDs). The latest technology in jamming, coupled with state-of-the-art techniques in the specialized armoring and protection of military road transportation, provides our customers with a complete turn-key solution.

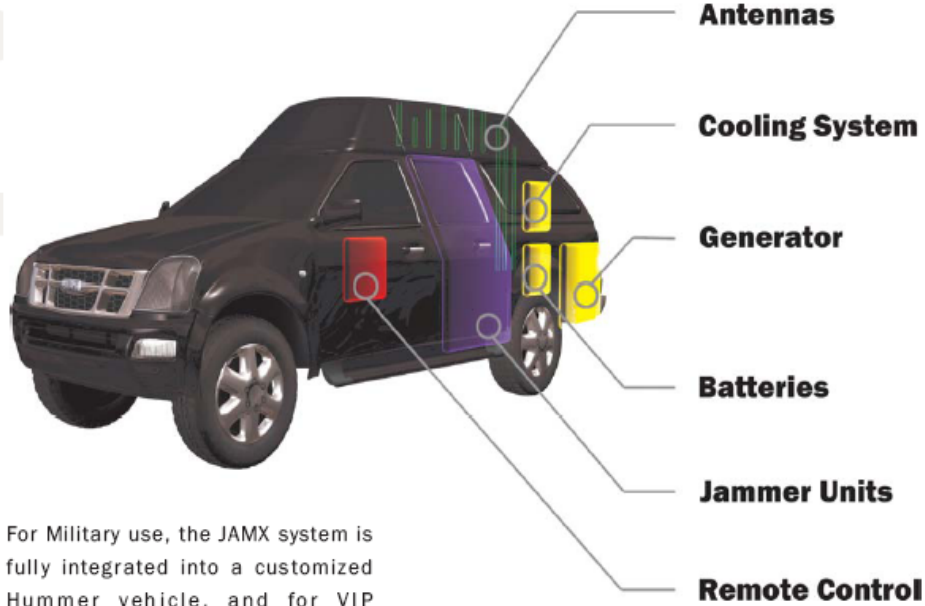
Although it looks like a normal vehicle traveling in convoy, the JAMX has been specially customized to accommodate a broad band bomb jamming system covering simultaneously the full spectrum from 20Mhz to 3000Mhz with an ultra high RF transmitting power of 1400 watts, a set of high gain omni directional antenna, and it's own powerful independent generator. The method of integration ensures, that the actual characteristics of the vehicle cannot be identified. The bomb jammer covers in a continuous manner the HF/VHF/ UHF bands used for all types of wireless and radio controlled devices within the spectrum of 20MHz to 3000MHz.

**An ultra broad band  
jamming system  
20Mhz to 3000Mhz**

**RF transmitting power  
up to 1400w**







For Military use, the JAMX system is fully integrated into a customized Hummer vehicle, and for VIP protection, the JAMX system is integrated into a customized 4x4 pick up type vehicle (Isuzu D-Max, Toyota HiLux).

Constructed in a completely covert manner with jamming units, all antennae plus generator and battery pack hidden from view, the JAMX is disguised to look like any other troop carrier or VIP convoy transportation.

The JAMX was designed to ensure continuous effective jamming protection whilst in transit, plus all weather capability. The jamming system will operate continuously in all weather and all road conditions. Nothing will affect the safe operation of the JAMX.

The JAMX ensures that your Military personnel or VIP Security Agents, can advance with confidence.



# Ultimate



## Main Features

- An ultra broad band jamming system **20Mhz to 3000Mhz** There are no "gaps" in this spectrum. Our technology ensures that the **full** and **entire** broad band of 20MHz to 3000MHz is jammed completely, and in a continuous manner.

- Very high .

- An independent smart active cooling system.

- High gain omni directional antennae, fully tuned and concealed inside an overhead compartment.

- A separate very high power independent generator (silent operation).

- Back up battery pack for continuous silent (hidden) operation, and fast start.

- Operator's remote control system. Designed for ease of use, the Operator's panel, which is installed near the Driver for quick access, provides on/off function for each individual frequency band.

- Internal RF protection shielding for passenger safety.

- Video camera with LCD monitor to provide rear viewing.

- Ready-to-drive away with installed system

- Totally disguised as a normal looking vehicle

- Special design for continuous operation whilst en route

## Optional Features

- The vehicle can be supplied also fully armored, up to level B6.

- Customer may select color of bodywork.

## Technical Specifications

Model	JAM-X XB	JAM-X XC
Frequency Bands	20 – 3000 MHz	
Output Power	750W	1310W
Power Consumption	Max 6kVA	Max 8kVA
Number of Frequency Bands	27	
Power Output per Band	See frequency bands table	
Power Supply Voltage	~230VAC	
Antenna Type	High gain omni directional	
Antenna Number	17	

## Frequency Response

Frequency Band MHz	Applications	JAM-X XB	JAM-X XC
20 - 29	Radio, Wireless Toys, Cordless analog phones, CB	30	50
29 - 50	Walky-Talky, Wireless Toys, Cordless analog phones, alarms	30	50
50 - 66	Radio communication	20	30
66 - 88	Walky-Talky (IC-F2), TV	30	50
88 - 135	FM Radio, Radio control airplanes	20	30
135 - 175	Walky-Talky (IC-F3)	40	80
175 - 330	Wildlife tracking collars, TV, RKE, TPMS	20	30
330 - 400	Walky-Talky (IC-F4)	30	50
400 - 450	Cellular NMT/CDMA, Walky-Talky TETRA, RKE, TPMS, RFID	30	50
450 - 530	Cellular CDMA450, Walky-Talky, UHF TV, RFID	30	50
530 - 650	TV, RFID	15	20
650 - 800	TV, RFID	15	20
800 - 850	TV, TETRA (Walky-Talky), RFID	50	100
850 - 925	Cellular CDMA	50	100
925 - 960	Cellular GSM	50	100
960 - 1100	Wireless communication	15	20
1100 - 1350	Emergency/Military GPS (L2)	10	10
1350 - 1520	Satellite (OmniSTAR L-band)	10	10
1520 - 1580	GPS (L1), Satellite (Thuraya, Iridium, RBGAN, Inmarsat)	30	50
1580 - 1805	Satellite (GlobalStar (J1&J4))	20	30
1805 - 1880	Cellular HGSM (DCS)	50	100
1880 - 1930	Wireless communication	15	20
1930 - 1990	Cellular PCS	50	100
2110 - 2170	Cellular UMTS/WCDMA	50	100
1990 - 2400	Wireless Communication, Satellite (XM, Sirius)	10	20
2400 - 2500	WLAN, Bluetooth, Satellite (GlobalStar (J2)), RFID	20	30
2500 - 3000	MMDS	10	10
<b>Total Output Power, Watt:</b>		<b>750</b>	<b>1310</b>

specifications are subject to change without prior notice

For more Info & Price Quote, Please Contact:

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