

AresX™ Jamming System

High-Power Portable DDS Multi-Band Jamming System



AresX™'s high power portable DDS multi-band jamming system is suitable for 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 portable RF jamming solutions.

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

Features & Advantages

The modular design and configuration which makes this jammer can be easily operated, upgraded, serviced, repaired and adapted to its required use.

Adopts DDS technology, fully sweeping the jamming frequency bands so that it results in a more efficient jamming and bigger shielding coverage. Easy-use DDS software interface for setting up working frequency bands and output power of the modules.

With American Mil-spec Case, dustproof, shockproof and drop-resistance.

Digital Jammer modules can be changed easily and quickly just as changing the mobile phone battery.

Each module is designed with three indication lights, to show Power, Run and Alarm (Antennae VSWR feedback status). The LCD display to indicate the working frequency, output power and etc. Come with 232 Com Port and USB cable to connected to the computer. Frequency bands and output power can be adjusted, and the working status can be monitored through this software.

Wired remote control unit, facilitating the operator to manage each module in any situation. This remote control unit can also display both internal and external battery level as well as built-in power supplies' working status.

Single jammer can be portable and vehicle mounted, which it's the biggest advantage in the application. Two units can combine full frequency bands installed in the vehicle, equipped with vehicle mount antennae as required.

SPECIFICATION

RF FREQUENCY BAND (MHZ)	20-100MHz 50W	27MHz, 35Mhz, 41MHz, 72MHz toy and HM remote control
	100-300MHz 50W	Low-power transmitters
	300-500MHz 50W	Walky-Talky, 315/433 car remote control
	800-1000MHz 50W	Cellular CDMA, GSM
	1800-2000MHz 50W	DCS, cellular 4G
	2000-2200MHz 50W	Cellular 3G
	2400-2500MHz 20W	WiFi, bluetooth, WLan
	2500-2700MHz 40W	Cellular 4G

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Total RF Power	360W
Jammer Module Number	8
Jamming Frequency Bands Number	more than 20 bands
Cooling System	Systematic Smart Cooling System
System Protection	VSWR, Over-voltage, Over-current
Jamming Source	Direct digital synthesize technology
Remote Control	Full System Operation Control
Antenna Type	High Gain Omnidirectional Antennas
Number of Antenna	8
Battery Back Up Capacity	50AH/24-28VDC
Modular Design	Each jammer module with the antenna can be used as a single jamming. All modules can be controlled individually
Dimension	63*49.2*35.2cm
Weight	about 41.62kgs
Operating Temperature Range	-35°C ~ 80°C
Operating Humidity Range	Up to 80%
EXTERNAL BATTERY SPEC	
Model	LiFePo-2450
Voltage	27V
Internal Resistance	24m Ω
Dimension	430*244*341mm
Recharge	0.2C
Discharge	1C
Weight	15.12kgs