DT-520

Portable Frequency Jammer

SDR Jamming on 8Mhz ~ 6500Mhz

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Portable Frequency Jammer

DT-520 Portable Frequency Jammer is widely used in explosive detonation, anti-terrorism, technical investigation and other scenes needing wireless signal blocking. It can efectively jam the signals of remote control devices (including UAV and unmanned vehicles), digital walkie-talkies, 2G/3G/4G cellular phones (TD-LTE and FDD-LTE), 5G cellular phones (2.6G / 3.5G / 4.8G / 4.9G), Bluetooth, 2.4G / 5.8G WI-FI and so on.

Full-standard Signal Jamming

Seamless coverage of all frequency bands from 8MHz~6500MHz

Long Battery Life

The equipment comes with a lithium battery that can work normally for 70 minutes.

Integrated Antenna

All components are included in a single box set, which can be operated by one person with one hand, making it lightweight and practical.

Maintainability

Support software upgrade, no need to replace the hardware, quickly solve the new 5G frequency band jamming needs, remote upgrade and other functions.

SDR Architecture

Based on SDR software-defined radio architecture. Advanced SDR algorithms and jamming strategies can achieve lower power consumption and longer jamming distance and effect.

Modularized

Standardized interfaces, plug-and-play modules, strong scalability and convenient maintenance. Standard plug-in frame design, maximum support for 8 independent business modules / 15 RF channels, flexible configuration of modules according to demand.

Specifications

Interference Mode	SDR (Software Defined Radio)
Interference Frequency Range	8MHz ～ 6500MHz
Whole RF Power	≤ 350W
Number of RF Modules	≤ 8
Number of RF Channels	≤ 15
Antenna Type	Omni-directional antenna
Antenna Module	1
Power Supply	AC 220V/built-in Li-ion power battery pack, supporting seamless switching; battery endurance ≥ 70 minutes
Power Consumption	1200W
Interference Range	Mobile communication: >40m (environmental background intensity RSRP: -90dBm) Drone remote control/navigation interference: >500m Two-way radio: >40m (civil two-way radio, transmitting power: 3W) Unmanned vehicles/remote control: >40m
Size	570mm*343mm*697mm
Weight	<45kg
Protection Level	IP42
Working Temperature	-20°C ~45°C
Storage Temperature	-30°C ~55°C