



MULTI-SENSOR AUTOMATIC DRONE
DETECTION & OBSERVATION SYSTEM

ANTI-DRONE JAMMER



MADDOS Handheld Jammer is first in the world specially designed 7 RF bands Handheld Drone jammer to prevent the drones from posing any threats by either bring the drones down or send them back to their launch point. **MADDOS** Handheld-7 system consists of directional jammer covering the ISM (industrial, scientific, medical) band 433MHz, 868MHz, 915MHz, 2.4GHz, 5.8GHz, GNSS L1 and L2 at a range of 1,5km or more.

The coverage is effective against most widely used commercial and DIY drones and even military class drones. **MADDOS** Handheld-7 Jammer disrupts the remote control, telemetry, video link and GNSS transmission to the drones.

Specifications

Frequency Band Coverage	433MHz band (420 to 450MHz) 868MHz band (860 to 902MHz) 915MHz band (902 to 928MHz) 2.4GHz band (2400 to 2485MHz) 5.8GHz band (5725 to 5850MHz) GNSS L1 band (1559 to 1610MHz) GNSS L2 band (1208 to 1254MHz) (covering GPS L1&L2, GLONASS G1&G2, Galileo E1 & BeiDou B1&B2)
Mode of operation	Individual or all bands selection
Jammer Technology	Electronic Voltage Oscillator. Smart Waveform full band starring coverage without hopping.
Antenna Beamwidth	Directional Mode: 30-45°
Built-in Test	Yes, with OLED Display
Display & Information Alerts	Display start up and build in test Display of battery level, temperature & jammer Ops Display direction of aiming with build-in digital compass
Jammer Power	>80W total
Directional Jamming Range	>1500m depending on type of Drones and range ratio
Directional Operating Band	7 incl. 433MHz, 868 MHz, 915MHz, 2.4GHz, 5.8GHz, GNSS L1 and L2
Number of Directional Antenna	7 bands Integrated
Aiming Scope & Display	Unity or 4x Scope with Laser pointer
Power Supply	Changeable & rechargeable battery 22.2V 5000mAh Li-Po
Standby Battery Time	48 hours
Continuous Operational Battery Time	40min replaceable battery, 90min with 2 batteries
Battery Charging Time	3.5 hours (low level to full charged)
Environmental & Ruggedization	IP65
Weight & Dimension	< 7Kg, 68x37x9cm



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