



MULTI-SENSOR AUTOMATIC DRONE  
DETECTION & OBSERVATION SYSTEM

## ANTI-DRONE JAMMER

### Mobile Manpack Jammer



**MADDOS** Mobile Manpack Jammer is a RF jammer to prevent unmanned aerial vehicles (UAVs) from posing any threats, blocking them from entering the protected area either by forcing them to land, sending UAVs to their launch point, or forcing them to hover around uncontrollably. **MADDOS** Mobile Manpack Jammer features both Directional and Omni-directional (All-round) jamming modes, covering the bands 433MHz, 915MHz, 2.4GHz, 5.8GHz, and Global Satellite Positioning Signal - GNSS (GPS/ GLONASS) which enable effective operation against the most widely used commercial UAVs.

**MADDOS** Mobile Manpack Jammer blocks and disrupts the transmission of remote-control signal, video signal, and GNSS to the UAVs at five frequency bands including 433MHz, 915MHz, 2.4GHz, 5.8GHz and GNSS (GPS/ GLONASS) within an effective jamming range of 1,500 meters using the Directional Mode and a radius area of 300 meters using the Omni-directional jamming mode. The All-round jamming coverage will prevent UAVs from entering the protected area from any direction regardless of the number of UAVs trying to intrude.

## Specifications

|                                     |   |
|-------------------------------------|---|
| Light, man pack and portable        | For easy to carry, fast-response operation, and high efficiency.              |
| Frequency Band Coverage             | 433MHz, 915MHz, 2.4GHz, 5.8GHz, GNSS (GPS/ GLONASS)                           |
| Custom Operating Band               | Able to turn on/off each or all frequency band                                |
| Jammer Technology                   | Direct Digital Synthesis (DDS)  |
| Antenna Beamwidth                   | Directional Mode: 30°<br>Omni-Directional Mode: 360°                          |
| Against multiple UAVs attack        | Yes, using Omni-directional Mode  |
| Built-in Test                       | Yes, with OLED Display  |
| Display & Information Alerts        | OLED display of RF jammer errors, battery capacity and operating temperature. |
| Jammer Power                        | 20W per Band (Rated Power)  |
| Directional Jamming Range           | Maximum 1,500 meters.   |
| Omni-Directional Jamming Range      | Maximum 300 meters radius.  |
| Directional Operating Band          | 5 incl. 433MHz, 915MHz, 2.4GHz, 5.8GHz, GNSS (GPS/ GLONASS)                   |
| Omni-Directional Operating Band     | 5 incl. 433MHz, 915MHz, 2.4GHz, 5.8GHz, GNSS (GPS/ GLONASS)                   |
| Power Supply                        | Rechargeable Battery (DC)<br>Can use direct AC for operations.                |
| Standby Battery Time                | 48 hours  |
| Continuous Operational Battery Time | Directional Mode: 60 minutes<br>Omni-Directional Mode: 90 minutes             |
| Battery Charging Time               | 2 hours (low level to full charged)   |
| Environmental & Ruggedization       | IP55  |
| Total Weight                        | 21.5kg  |

## Included in Delivery

- One (01) MADDOS Anti-Drone Mobile Manpack Jammer
- One (01) Handheld Radio Frequency Spectrum Analyzer
- Two (02) Ruggedized Transport Cases
- One (01) time training will be conducted.
- One (01) year warranty on parts and components against manufacturer defect.