

C-UAS



MODEL: JP-J10C

DIRECTIONAL JAMMER (FIXED FREQUENCY)

The **JP-J10C** fixed turntable radio suppression equipment is a soft kill system. It is a non-destructive self-defense system for unmanned aerial vehicles (UAVs), focusing on stopping or disabling the UAV without destroying it, by transmitting radio signals to cut off the drone's control and image transmission links, causing it to lose control, hover, or be driven away, thereby preventing entry into the controlled area.

Capable of interfacing with and receiving commands from a command and control system, enabling

automatic response or operator-directed control.

The system provides long-range and stable interference through a high-power amplifier paired with a directional antenna, enabling effective suppression of distant threats. It delivers full airspace coverage using a wide-lobe antenna mounted on a servo turntable, ensuring continuous 360-degree protection.

IP65-rated protection, ensuring enhanced resistance to dust, wind and water jets under harsh operational conditions.



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JP-J10C TECHNICAL SPECIFICATIONS

DIRECTIONAL JAMMER (FIXED FREQUENCY)

System Attribute	Parameter
Working frequency band	CH1 : 433MHz CH2 : 915MHz CH3 : 2.4 GHz CH4 : 5.2 GHz CH5 : 5.8 GHz CH6 : GNSS Jamming (GPS L1/L2/L5, Galileo E1/E5, BeiDou B1C/B2/B3, GLONASS L1)
Interference Distance	5 km
Jamming Response Time	≤3s
Antenna Angle	Horizontal Angle: 30° above 2GHz, 75° below 2GHz; Vertical Angle: 20° above 2GHz, 65° below 2GHz
Turntable Rotation Angle	Horizontal: 360°, Vertical: -10°~60°
Turntable Rotation Speed	Horizontal: 0.02°~30°/S, Pitch: 0.02°~12°/S
Interference frequency band combinations	Supports using a single frequency band individually, or selecting multiple frequency bands for simultaneous use.
Interference Type	Digital source interference mode, no frequency offset
Continuous Working Time	7*24h
Communication Method	RJ45 network port communication
Power Supply	AC220V
Power Consumption	≤600W

JP-J10C TECHNICAL SPECIFICATIONS

DIRECTIONAL JAMMER (FIXED FREQUENCY)

System Attribute	Parameter
Mean Time Between Failures (MTBF)	3000h
Mean Time To Repair (MTTR)	1h
Operating Temperature	-40°C~+60°C
Storage Temperature	-45°C~+70°C
Protection Rating	IP65 equivalent to Military Standard (GJB 150A)
Dimensions	470mm*250mm*701mm
Weight	≤41kg
Frequency Compliance (EMC/EMI)	GJB151B (equivalent to MIL-STD-461G) (Certified by Manufacturer)



Figure: Directional Jammer JP-10C mounted on Anti-Drone Vehicle