



STARBLINK TECHNOLOGIES PRIVATE LIMITED

ACTIVE DRONE RF JAMMER SYSTEM

PRODUCT DATASHEET





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Active Drone RF Jammer

Make: Starblink Technologies Pvt. Ltd.

Model: STPL-ADRF

Overview

The Active Drone Jammer System is a compact, lightweight, and ruggedized electronic counter-UAS system designed to detect, disrupt, and neutralize unauthorized drones by jamming their command, control, navigation, and data links across ISM and GNSS frequency bands.



Purpose

The Jammer is designed to provide mobile, tactical RF denial capability to detect and disrupt hostile UAV. The system supports spot and barrage jamming modes, can operate in standalone mode or be mounted on 40 mm Anti-Aircraft Gun L/70, and is optimized for Indian Army air defence operations in all weather and terrain conditions.

RF Specification

Parameter	Specification
Detection Frequency Range	400 MHz – 6 GHz
Detection Range	≥ 5 km
Detection Indication	Audible buzzer + vibration alert
Detection Capability	Unauthorized Drone Detection

Frequency Specification

Frequency Band	Output Power
430 – 450 MHz	20 W
860 – 950 MHz	20 W
1170 – 1280 MHz	20 W
1550 – 1520 MHz	20 W
2400 – 2480 MHz	100 W
3.4 – 3.5 GHz	50 W
5150 – 5350 MHz	50 W
5725 – 5850 MHz	50 W



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Range

Mode	Range
Omni-Directional	Minimum 2 km
Directional	Minimum 5 km

Antenna Specifications

Parameter	Specification
Antenna Types	Omni-directional & Directional
Antenna Change Time	< 1 minute
Elevation Coverage	$\geq 45^\circ$
Azimuth Coverage	Directional $\geq 45^\circ$, Omni 360°

Power Specifications

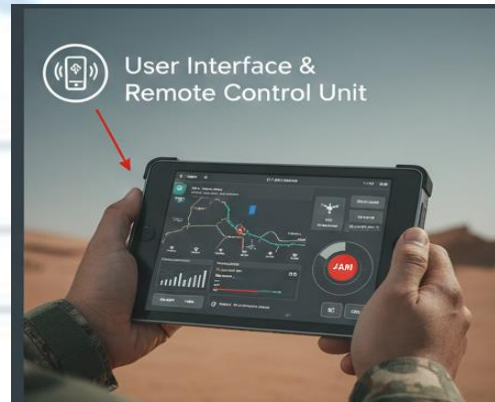
Mode	Specification
Commercial Power	AC 220 V / 24 V DC
Integrated Power	From 40 mm AA Gun L/70
Power Compatibility	No interference with L/70 operation



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UI Specifications

Feature	Specification
Display	Hand-held detachable display
Display Size	≤ 7 inches
Remote Power Switch	ON / OFF
Remote Switch Cable Length	3 m and 10 m
Channel Selection	Supported via remote





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Physical Specifications

Item	Weight
System (without casing)	≤ 15 kg
Carrying container	≤ 20 kg
Portability	Man-portable, backpack/case
Dimension	Maximum
Length	≤ 400 mm
Width	≤ 300 mm
Height	≤ 200 mm
Parameter	Specification
Operating Altitude	Up to 6000 m
Operating Temperature	-20°C to +50°C
Humidity	Up to 95%
Weather	All-weather (rain & snow capable)
Parameter	Specification
MTBF	> 4000 hours
Shelf Life	7 years
Modular Design	Field-replaceable modules
Warranty	2 Years
AMC	5 Years
Documents	User Manual, Technical Manual

Compliance & Certifications

Complies with applicable RF safety and transport regulations.

For more details, technical support, or bulk orders:

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