

HP 47 NG V1

Portable C-UAS Jammer

The HP 47 NG V1 is a C-UAS jammer designed for a rapid, flexible response to UAVs, with a focus on maximum flexibility, low weight, and ease of use.

The jammer is manually operated by personnel stationed in the secured area. Equipped with an integrated RF detector and an AI-based drone database, approaching drones can be identified. The operator is alerted by either acoustic, visual or vibration alarms. The RF detector supports directional detection to aim the jammer at the approaching drone. Featuring a total of 14 signal sources distributed across 8 independent HF channels, the system covers the entire frequency range from 400 MHz to 6000 MHz.

The antennas of the HP 47 NG V1 provide high gain for effective jamming of targeted drones while minimizing collateral interference due to the narrow beamwidth.

The GNSS and RC bands can be independently activated via a push-button operation for high flexibility in deployment and maximized operational safety.

The jammer's parameters can be updated using a Windows PC or a USB stick.

Accessories

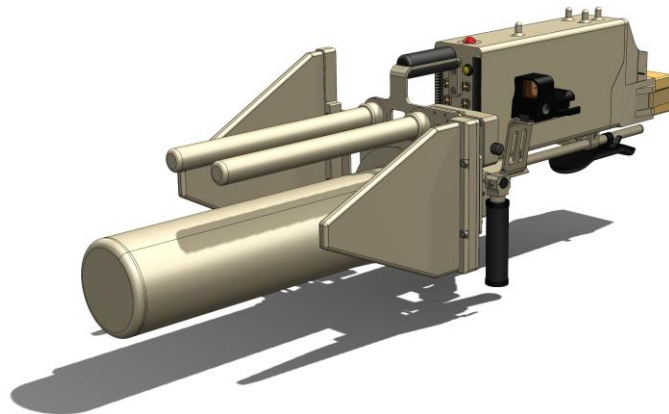
- Transport case
- Sight
- Battery
- Charger

Available in black, sand, and gray.

Optional

- HP Config
- Programming cable
- USB stick with adapter cable
- Additional batteries
- Tripod
- HP PTU47L Smart Tripod

Rev. 0 / 02/2026



Electrical specification @ T = 25°C

Power supply			
Input voltage	12 - 36 VDC		
Input current	220 W (max.)		
Battery (external)			
Output voltage	28,8 VDC (nom.)		
Capacity	10,3 Ah		
Operating time (transmitting mode)	1,0 h (min.)		
Operating time (stand by), incl.	12 h (min.)		
Detection			
Battery type	Lithium-ion		
Certification	UN 38.3		
Dimensions (each)	112 x 61 x 127 mm (L x W x H)		
Weight (each)	1,4 kg		
Charger (external)			
Input voltage	100 - 240 VAC (50/60)		
Output voltage	33,6 VDC		
Charging time	7,5 h (max)		
Physical parameters			
Jammer (inkl. Battery)	Dimensions	1117 x 344 x 347 mm (L x W x H)	
	Weight	9,5 kg	
Environmental specifications			
Operating temperature	-20 - 55 °C		
Storage temperature	-20 - 60 °C		
Charging temperature (Battery)	-32 - 60 °C		
Recommended storage temperature (Battery)	-40 - 40 °C		
Relative humidity	95 % (non-condensing)		
Protection class	65 IP (designed)		
Frequency bands and output power (example)			
Channel	Frequency range	QTY. of signal sources	Output power
1	400 - 2300 MHz	2	(min) 40 dBm
2	800 - 1000 MHz	2	(min) 43 dBm
3	1164 - 1610 MHz	3	(min) 40 dBm
4	2200 - 2550 MHz	2	(min) 38 dBm
5	2000 - 6000 MHz	2	(min) 40 dBm
6	4500 - 6000 MHz	1	(min) 33 dBm
7	4500 - 6000 MHz	1	(min) 33 dBm
8	4500 - 6000 MHz	1	(min) 33 dBm
Antenna			
Channel	Antenna type	Gain	Polarisation
1	Log. Per.	(min) 5 dBi	Linear
2	Helix	5,5 - 8,5 dBi	LHCP
3	Helix	6 - 14 dBi	RHCP
4	Helix	12 - 14 dBi	LHCP
5	Log. Per.	(min) 5 dBi	Linear
6, 7, 8	Helix	13 - 15 dBi	RHCP

Subject to change without notice.

The scope of equipment may vary, the order confirmation applies.

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