

MARTOS™

AARONIA

DRONE DETECTION

GENERATION 6

HANDHELD UAV JAMMER

Portable drone jamming system with 40 W output power and a 2 km range



✓ 40W output power

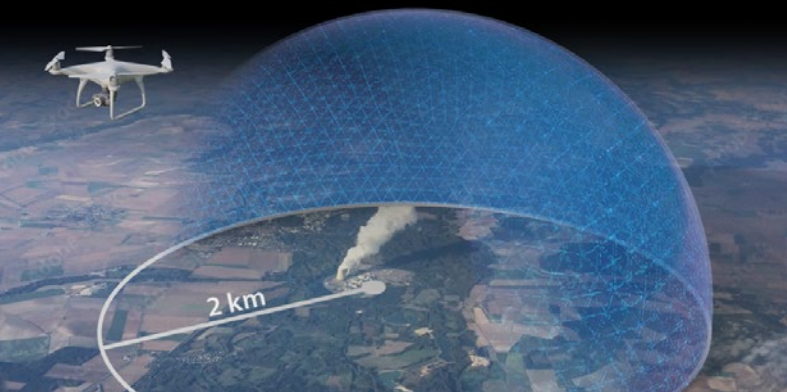
✓ Covers 4 bands

✓ Highest coverage amongst all commercial models

✓ High range of up to 2 km

✓ Battery life of up to 2 hours

✓ Customizable bands on demand



MADE IN GERMANY

drone-detection-system.com

AARONIA AG
WWW.AARONIA.DE

Detection and Tactical Elimination

The AARTOS™ Handheld UAV Jammer

AARTOS™ DDS is, at its foundation, a Drone Detection System. A system built to identify and monitor drones that present potential threats while operating at military grade capabilities. In addition to this already one-of-a-kind functionality, the system can also be outfitted to support countermeasure capabilities with the addition of Aaronia's Handheld Jammer.

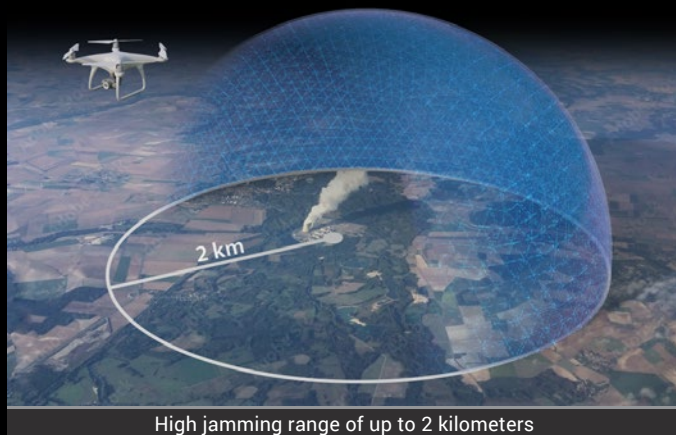
By extending the AARTOS™ DDS to include this jammer, it creates a portable system that is adaptable to various situations. Thus creating a tactical advantage, by giving the user the ability to carry an entire jamming system with them.



A Jammer by Definition

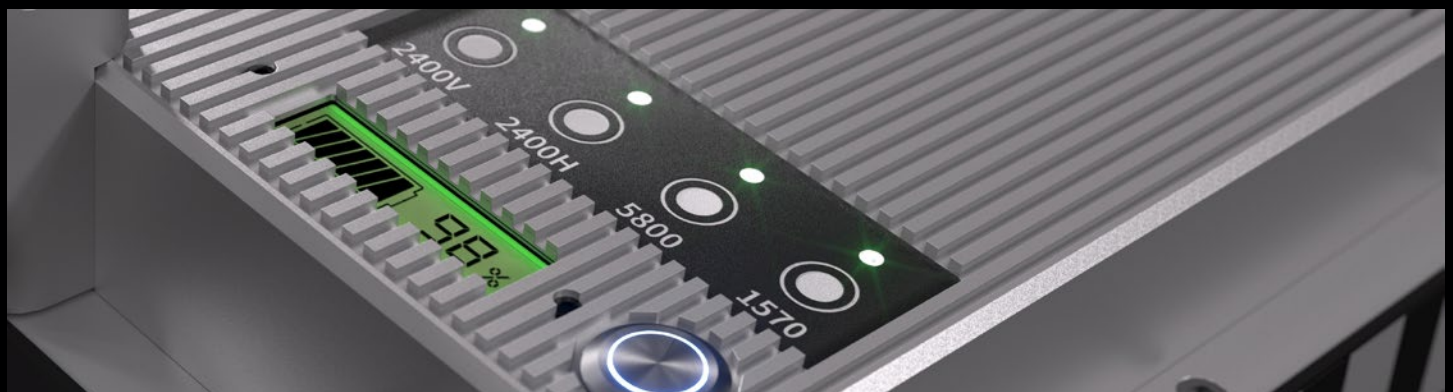
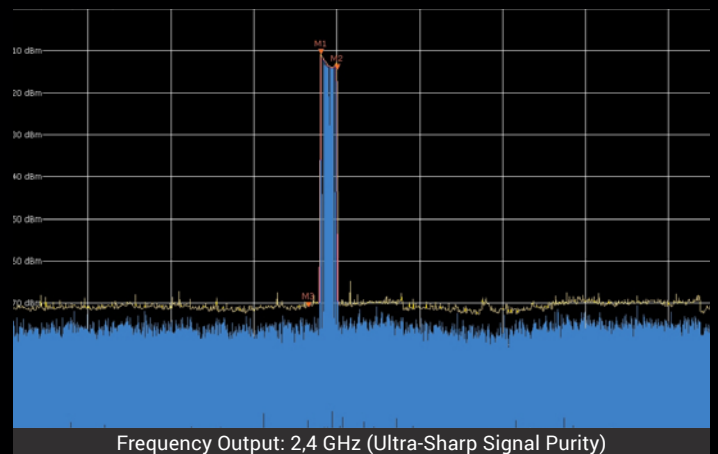
A jammer is a device, by definition, that sends out signals in order to interfere with and eventually block a receiver from getting transmitted signals from its source. In most drones and other UAVs, the aircraft is controlled by an operator with a remote controller. The controller transmits the input from the user to the aircraft, giving the user control.

However, if this signal is interrupted, the drone will enter an emergency mode that will either begin a landing maneuver or return to its point of origin. Interrupting this signal and activating this mode is exactly what Aaronia's jammers are built to accomplish.



Safe and Focused

As with all of our jammers, the interference created is extremely selective, in order to make sure other RF channels are not impaired. In addition, the jammer is directional, and will only jam signals in the direction of the incoming UAV. This prevents any complications in accidentally creating unwanted internal or external interference. Built in precautions like these are vital when deploying a jammer, especially in situations where interference could cause disastrous consequences (i.e. airports, military, law enforcement).



Specifications

of the AARTOS™ Handheld UAV Jammer



- ✓ Extremely **lightweight** system (approx. 2.7 kg)
- ✓ Covers **4 frequency bands**
- ✓ Total **output power of 40 W**
- ✓ Adjustable power output
- ✓ Battery life of up to 2 hours
- ✓ Can combat most commercially available drone models
- ✓ Operating temperature: -20° C to +60° C
- ✓ Dimensions: Length 258 mm (353 mm with handle)

Width 258 mm (260 mm with sling loops)

Height 78 mm (131 mm with handle)

- ✓ Frequency and power specifications:

2,40 GHz - 2,50 GHz / 20 W (2x 10 W)

1,57 GHz - 1,62 GHz (GPS L1 + GLONASS L1) / 10 W (optional)

5,70 GHz - 5,90 GHz / 10 W

Optional 865 - 930 MHz / 10 W (instead of one 2,4 GHz module)

- 🇩🇪 **Made in Germany**



Olive



Sand



White

HUNDREDS OF INSTALLATIONS WORLDWIDE



CUSTOMER GROUPS

- Military & police forces (ground & air)
- Convoys
- Airports
- Power plants
- VIP security services
- Border patrols
- Government buildings (e.g. embassies, correctional facilities)
- Events (concerts, political events, sports etc.)
- Seaports / marinas
- Private properties

REFERENCES

AARTOSTM DDS

