



## Features

- Programmable GPS spoofing
- Operational modes: Deception / Confusion / Denial
- Definite localisation not possible
- Remotely-programmable position-information offset
- Protects limited geographical areas against GPS guided weapons and UAVs
- Adjustable high power output
- Remote control over air
- Simple operation
- Rugged, watertight construction according to MIL-STD 810-F
- High performance
- Compact size

The SAJ-1030 is suitable for a range of applications. It has been specially developed to influence navigation information derived from GPS or GLONASS satellite networks, as well as from the upcoming GALILEO system. It is thus applicable for officials, official security organisations and the military and for defence against terrorist hazards.

Depending on the tactical situation, various operation modes can be set for deception or confusion.

Owing to its innovative design, the SAJ-1030 is able to perform its missions either independently or as part of a superposed EW system. It exploits a sophisticated technique for jamming navigation satellite receivers.

Simple GPS jammers, on the other hand, generate easily recognisable signals, which are then neutralised by anti-jamming technology built into modern tactical GPS devices (guided missiles, etc). Worse, such simple GPS jammers can be easily sited and therefore become open to military targeting.

In contrast, our highly sophisticated SAJ-1030 GPS jammer generates complex signals, which effectively cannot be evaluated as jamming signals. The ECCM measures built into e.g., guided missiles, UAVs etc., are therefore not activated. Typical countermeasures such as beam-steering and beam-forming techniques thus become ineffective.

Due to the complexity of the jamming signal, localisation using currently known methods is essentially impossible. This makes our SAJ-1030 GPS Jammer eminently suitable for protection of sensitive areas such as air fields, command posts, etc.

An option allows differentiation among GPS receivers to be jammed and friendly receivers.