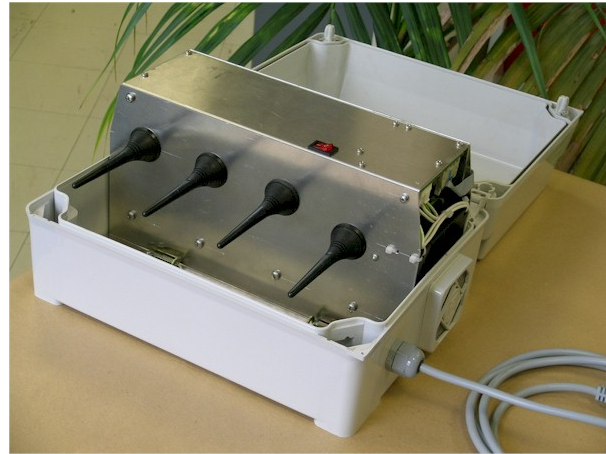


SIRJAM EVOLUTION



SIRJAM EVOLUTION is a system of detection and jamming of high technology, able to block the incoming and outgoing calls of all the mobile telephones of the current cellular networks

Land Networks : *GSM -DCS - UMTS*

Networks via satellites : *IRRIDIUM -INMARSAT-THURAYA*

- **SIRJAM EVOLUTION** is adaptable to all the frequency bands of the international networks of mobile telephony whatever the zones and local attributions of channels in the bands allocated to the Mobile Telephony.
- **SIRJAM EVOLUTION** is completely in conformity with the European standards as regards limitation of the levels of the electric radio operator fields for the health of people.
- **SIRJAM EVOLUTION** is an entirely automatic apparatus which detect, block and inform without any human intervention. Including internal Auto tests for the checking of correct operation.
- **SIRJAM EVOLUTION** is configurable in network for the protection of wide zones (corridors) this type of configuration makes it possible to select a precise zone of detection and jamming or to make report of incident.

DESCRIPTION :

- **Robust industrial case, alleviating appearance, and sealed for access protection**
- **Electronics Components and Printed Circuit easily removable for maintenance.**

INSTALLATION :

- **Easy Installation** for wall fixation.
- **Connection to main network by wire** and internal terminal.
- **All the Electronic can be reachable by a simple but ingenious system of moving cover.**
- **Only one line of the Main Network is necessary to connect one or several SIRJAM with the option *MODEM*** associated with a Computer specially designed to receive and record all events or alarms of detection by Data Line.

UTILISATION :

(with option *MODEM and Computer*)

- **Each apparatus of the network covers a zone of detection and jamming. These zones of Jamming are mixed together to not leave any volume not protected.**
- **The transmission of information of alarms or events, is carried out by the only line electric of the chain without any additional wiring.**
- **In service, the various apparatuses of the chain are inter-connected and their respective states of operation or malfunction are communicated to the computer for the acquisition of alarms (Auto test are made by the System to check and control the sates of the lines)**
- **Each apparatus has an address which is clean for him. At the moment of detection of mobile phone in its zone of cover, the concerned apparatus counteracts immediately by a jamming of a few seconds and transmits an identifiable alarm towards the Computer.**

Alarms Mode :

- Immediate information of an alarm by aural and visual signal
- Origin of the Alarm (area of source)
- Band Frequency used by the Mobile Phone at the origin of the Alarm
- Auto test in case of malfunction of an apparatus.

The transfer of information to the Computer PC allow :

- To Locate the source of an Alarm and to display by a specific software the schematic of the protected areas and to signal the state of each SIRJAM EVOLUTION..
- To memorize and analyze all events or alarms for reporting of date, timing and areas events. The software and the data can be protected and the access to this information reserved to the qualified team.

Availability of other options :

The output power for each SIRJAM can be adjusted depending the near environment (Building Material and BTS proximity). In certain case an environmental test regarding the Electric field can be done by the Manufacturer before the installation.

Possibility to move away the antenna to optimize area of Jamming.

SIRJAM *EVOLUTION* could be connected to an other Alarm System thanks to an optional connector. (N.O.)

SIRJAM *EVOLUTION* (without options)

In the case of a simplified installation (without options), the system includes one or more detectors - Jammers, an audible alarm and visual on a case equipped with data logger memory with the possibility to transfer the data of events memories by a shuttle for analysis on a distant PC.



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