

GSM Jammer SAJ-800



Application areas

- Embassies
- Schools
- Military
- Cinemas
- Hospitals
- Libraries
- Theatres
- Churches/Mosques
- Petrol Stations (subject to safety regulations)
- Conference Rooms
- Prisons

The SAJ-800 jammer is a dual-band mobile phone blocking device that can confuse GSM mobile phones in selected areas. This confusion is achieved by sweeping the receiving bands with a modulated low power RF signal. Cellular telephones are intelligent receiving devices that listen to the signals broadcast continuously by cell site transceivers in order to take a decision on which cell to register. SAJ-800 uses this intelligence to trick the mobile phone and make it believe that it is out of reach of service of a cellular communication network.

Transmitting a jamming signal on the same wave length as used by the mobile tower will confuse all GSM cellular phones located in the area where the jammer's signal strength is higher than the signal strength of the GSM transmitter.

It should be noted that this blocking device will prevent any type of incoming and outgoing communication (Voice, SMS, WAP) for all GSM mobile phones located in the covered area.

The SAJ-800 has been designed not to interfere with any other communications or electronic equipment, making it safe to use in almost any working environment.

Technical Specifications

Power Requirements	230 VAC Power Adapter Option: 7.5 - 12VDC external voltage (Battery Pack)
Power Consumption	12 W at maximum output power (99)
Operating Modes	Single or dual band operation (programmable) Option: Infrared remote control up to 10 meter
Frequency Coverage (max.)	Band 1: 820 - 996 MHz (factory pre-set: 925-960 MHz) Band 2: 1650 - 1951 MHz (factory pre-set: 1805-1880 MHz)
Protection Area	Up to 2500 m ² (Protection area will be influenced by the distance of the nearest cell base transmitter. More signal power will be needed to effectively corrupt the incoming signal if the target area is close to a cell base station) .
RF-Power Output	Adjustable in 99 steps for both bands. Factory pre-set to 100 %.
Modulation type	FM, Noise

Antenna Set	Internal wave dipoles (vertical polarised). Mounted over a solid ground plane to suppress backward radiation. Gain: typical 2.1 dBi
Operating Temperature, Humidity	-10°C - +60°C ambient temperature. Relative humidity not to exceed 85%
Physical dimensions	H-W-L 70-155-250 mm

GSM Jammer

http://jammer.at-communication.com/en/secure/saj_800.html