

Smart Cellular Jammer Very High Power

MODEL SMJ1890

Up to 200W Adjustable Output Power/Band



General Description

The SMJ1890 was designed for blocking GSM cellular network and all kinds of cellular standards in the world. The SMJ1890 uses state-of-the-art technology for maximum performance. The unit is controlled by a microprocessor for PPL & DDS programming.

The unit was designed with the capabilities of jamming specific channels inside the cellular networks bands only. Additionally, jamming of downlink & uplink is possible at the same time. The unit is based on a DDS that can be programmed to transmit up to 36 channels per band, by fast-sweeping between each other. The channel bandwidth is 250 KHz.

The user can control the output power of each band via a programmable attenuator. Output power can vary from 5W to 100W within 1dB steps. The SMJ1890 transmits noise signal, which cuts-off all cellular communication between mobile phones and cellular base stations.

The jamming radius depends on the signal strength in a given area. All cellular mobiles in proximity to the SMJ1890 will be totally blocked and will *not* be able to receive or dial outgoing calls.

Applications

- Prisons
- Military Units
- Special Police Units
- Governmental Facilities
- Sensitive Areas

System Features

- Jamming up to 60 channels inside the cellular band
- Easy to use programming interface
- Programmable output power for each band
- High VSWR protection
- Built-in filter for minimum RF interference outside the jamming bands
- Installation in IP54/66 enclosure cabinets suited for continuous outdoor operation, with protection against dust and precipitations
- Controlled by PHANTOM-JCMS – Jamming Control Management Software

19" Mount Rack Enclosure



IP-66 Cabinet Enclosure



Technical Specifications

RF Characteristics	
Max. Output Power per Band	Up to 200W per band
Min. Output Power per Band	5W
Output Power Control Steps	1dB
Internal Modulation	FM Hopping Frequency
Signal Source	DDS & PLL synthesized
Modules Per Unit	Up to 8 Bands
Programming Control	TCP/IP Protocol
Jamming Frequency Range	
Frequency Bands	All cellular and Wi Fi frequencies
Channel Band Width	250KHz
Channel Spacing	200KHz
Physical Data	
Dimensions	IP54/64 Enclosure –
Weight	25-45 Kg
Environment of Operation	
Operating Temp	-10°C - +65°C
Humidity	5% - 80%
Optional Accessories	
Rechargeable Battery	24VDC / 70AH
Control Cable Via PC	TCP/IP Protocol Via LAN Port

*Specifications are subject to change without prior notice
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