

## ECMAX Jammer Technical Specifications

Parameter	Specification
Frequency range	HF, VHF and UHF
Power Output	60 MHz – 500 MHz : 80Watts 500 MHz – 1000 MHz : 50 Watts
Jamming modes	Spot Jamming Repeat multi tone jamming Partial band jamming Barrage jamming
Jamming Modulation modes	Continuous wave ( CW) Amplitude modulation ( AM) Frequency modulation ( FM ) Wideband frequency modulation ( WFM ) Quadrature Phase Shift Keying ( QPSK , satcom) Quadrature Amplitude Modulation (QAM, Microwave )
Jamming range	HF, VHF : 20 Km radius ( 1200 sq km ), UHF : 10 Km radius( 314 sq Km )
Band/ Channel	Software based automatic control
Jamming duration	User Programmable
Scan rate	10 MHz / msec
Noise Figure	60 to 500 MHz antenna : 18 dB typical 500- 1000 MHz antenna : 15 dB typical
Jammer Data input	RS 232-C
Baseband processing	200 MHz and above with software radio architecture Able to support future modifications / add-on modules Microcomputer and a field programmable gate array with minimum 4 million gate array capacity.
RF transceiver	Integrated transmit / receive switch Tunable Channel / Power selection User programmable 3 wire serial interface
User Interface	Laptop interface

### Contact