

# milZONE. Multitone Jammer Kit

Tactical ECM products



A Multitone jammer can offer jamming of multiple enemy radios simultaneously. In this case, two or more radios are attacked and brought down by jamming their spectrum with a high power noise signal. It is the jammer where concentrated powers are directed toward two or more channels or frequencies. If Compared to spot jammer, two or more frequencies are jammed by single transmitter. As compared to barrage jamming, multitone jammer are more power efficient.

## Features

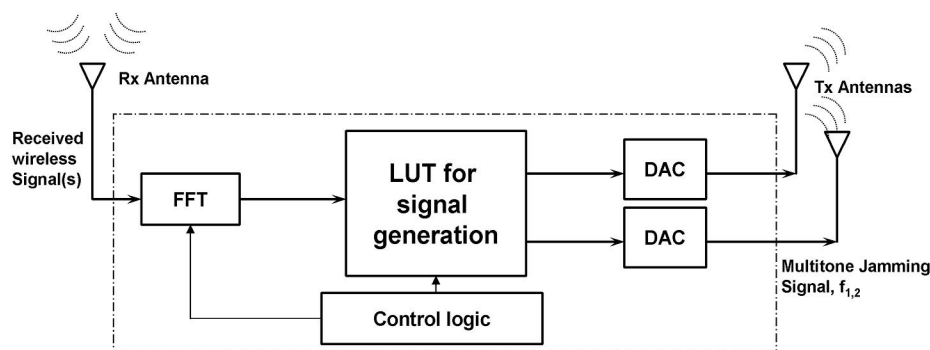
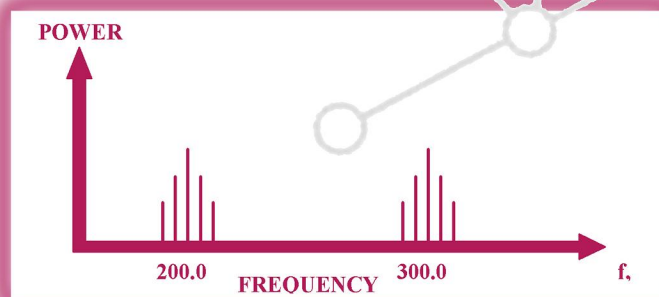
- Multiple frequency determination
- Multiple frequency generation
- Multiple RF transmission channels
- High frequency resolution
- Fast responsive algorithm

## Specifications

- Two RF channels (Rx & Tx module each)
- Separate baseband channels
- Independently programmable RF frequencies
- Able to generate 2 to 8 tones simultaneously
- High performance baseband processor with 1.5 Million gates
- Optional power amplifiers

## Research & Experiments

- Laboratory experiments on Simultaneous FSK, BPSK, QPSK and QAM signal generation
- Laboratory experiments on simultaneous RF upconversion
- Research of Generation of multiple FSK signals
- Research of adaptive signal selection for high efficiency jamming
- Research into partial band jamming
- Research into FH Jamming



Multitone Jammer Kit Block Diagram

# polarizone



Innovative wireless platforms



## Contact

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