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# KOL 15

## Microphone & RF Jammer System

**KOL 15FC is a powerful system that designed to prevent eavesdropping or unauthorized recording using the mobile phone's / tablet's microphone.**

KOL 15 can simultaneously neutralize the microphones and the signal of up to 15 mobile phones and 2 tablets at the same time, by generate ultrasonic sound and faraday cage that jamming the RF signal. The combination of these two technologies effectively protects meetings held in the room and leaves them discreet.

The system works by connecting to 220v electricity as well to an internal battery that allows it to operate for 10 hours continuously, a fact that makes the system portable without any need of connectivity to electricity. The battery status is displayed on a LED screen.



### Main functions:

1. Ultrasonic suppression: 50 ultrasonic emitters of 110dB of power create a powerful ultrasonic barrier for microphones of all the modern phones and tablets that currently exist in the market. such as iPhone, Samsung, and other brands.
2. The case of the system designed from a special alloy that contains Plastic with copper that function as a faraday cage that jam the RF frequency.

### specifications:

Power of one ultrasonic radiator – 12dB  
Acoustic amplifier output power – 3W  
DAC Bit Depth: 32 bits  
Ultrasonic Power: 50 emitters at 110 dB at 30 cm  
Ultrasonic Frequency: 23-27 kHz  
Device dimensions – 45cm x 30cm x 32cm  
Weight: 5 kg



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