

Jammer of microphones and audio recorders

SEL-324A SPEAKER

SEL-324A Speaker is a high-power microphone (including cell phone microphones) and audio recorder jammer integrated into a common ceiling speaker case, intended for manual installation primarily above desks and tables in meeting rooms.

SEL-324A "Speaker" is a high-power and efficient microphone jamming device due to its thought-out design that includes high-quality directional ultrasonic transducer array that pushes a complex, tailor-made noise waveform on a frequency band that is below human hearing point, but right in the zone of common audio microphone bandwidth, applying a constant noise pressure on the microphone's membrane.

An array of 24 ultrasonic transducers in the SEL-324A "Speaker" are installed in a thin (the height of the device is 40 mm) drum-shaped ceiling speaker case, providing easy deployment into ceiling speaker mounting points, that are commonly available in rooms as mounts for emergency speaker audio systems.

Due to SEL-324A ceiling mounting position, a multipath propagation effect is created, which reflects the generated noise from surfaces and items, further increasing the suppression area and efficiency.

Features

- An array of 24 high-quality piezo-ceramic transducers, controlled by a microchip that automatically shifts the noise signal in time and frequency domains, achieving best possible jamming efficiency and rendering any actual speech signal on the microphone unintelligible.
- Special power supply: device draws power from the standard ceiling speaker DC wiring: 12 V, and starts automatically whenever power is applied.
- Easy to use control: can be turned on/off via presence of power in the power supply line.
- Wireless RF remote control.
- Easy mounting spring brackets.

Specifications

Generated noise frequency bandwidth	24-26 kHz
Number of ultrasonic transducers	24 pcs.
Type of emission interference	complex structured ultrasonic noise
Microphone Suppression Directionality	perpendicular to the plane of ultrasonic emitters
On/off switch	presence/absence of 12 V power in line / Remote control
Average effective jamming range	4 meters (Effective jamming range may vary based on type of microphone of the audio device and its relative position to the jammer)
Power supply	+12 V DC
Continuous operation time	unlimited
CASE MATERIAL	plastic and metal
Mounting Installation Dimensions (Minimum)	D165x40 mm (Minimum)
Diameter	199 mm
Weight	not more than 600 g
Operating temperature range	0...+50 °C
Relative humidity	no more 85%

