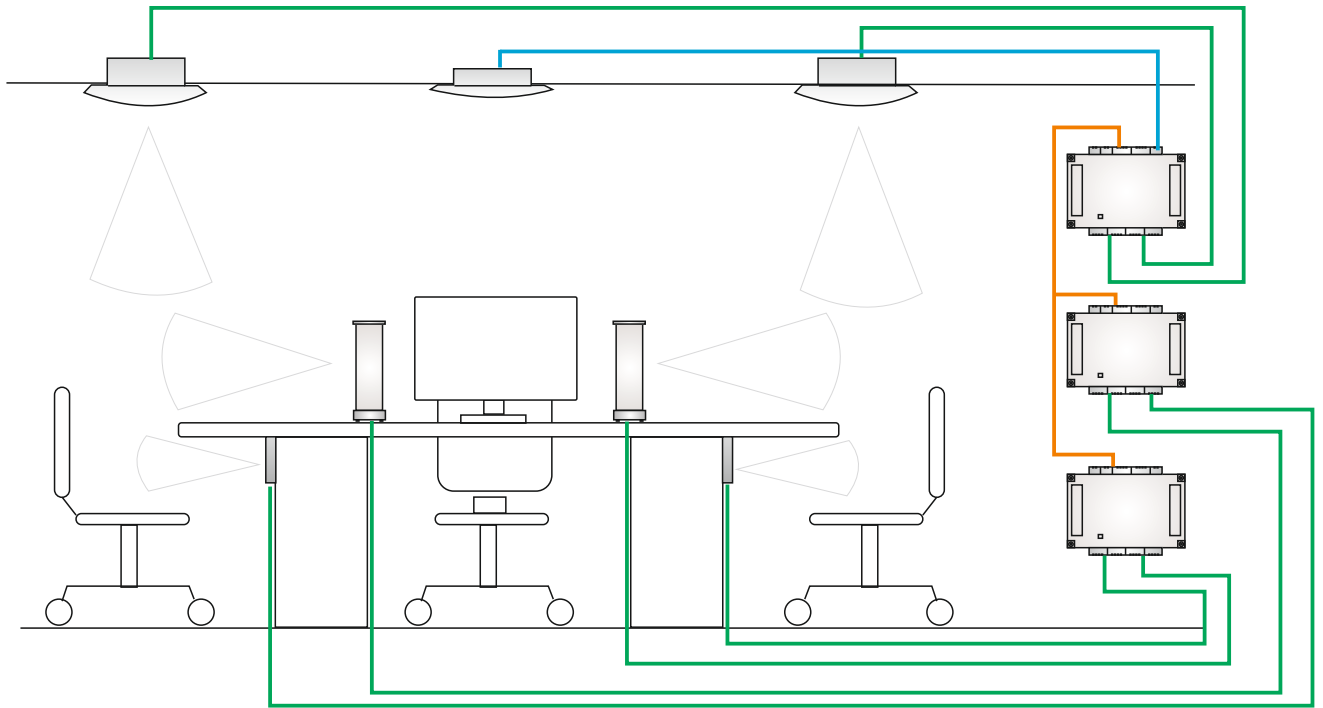


TAMBOURINE ULTRA MAX

Ultrasonic suppression system

Tambourine Ultra MAX is designed to suppress, fully or partially, useful sound signal used to eavesdrop on conversations by means of portable or stationary recorders, various sophisticated spying devices and external microphones. It generates four types of noise signal in the ultrasonic range and human voice-like noise with periodic restructuring in time (in acoustic and vibro-acoustic range) to make its extraction from the useful signal 99.9% impossible.



FEATURES

- Constant power of ultrasonic noise
- Maximum number of connected emitters – 192 pieces, when four main units are connected
- Use of different types of emitters camouflaged as: ceiling speaker system, tube, audio speaker etc.
- Four types of ultrasonic noise (hereinafter – USN) selected by the user based on operation conditions
- Flexible selection of the USN channels number
- Four channels for the human voice-like noise output
- Possibility to emit human voice-like noise into loudspeakers, various acoustic emitters, piezoelectric and electromagnetic vibro-acoustical emitters
- Low Frequency Amplifier gains control in each channel
- Overvoltage and undervoltage protection in power supply fluctuation
- Overcurrent protection in power supply fluctuation
- Protection of ultrasonic noise output by displaying fault message in LED indicator for each channel
- Built-in power supply with regulated voltage (12V, 1A) to power auxiliary equipment
- 'Open collector' output type to control auxiliary equipment

TAMBOURINE ULTRA MAX

Ultrasonic suppression system

TN/TU and D type ultrasonic emitters, and Tambourine Ultra main unit are designed to emit ultrasonic noise signals.



ADDITIONAL FEATURES

Device architecture is designed to allow activation up to four main units concurrently. It can be used to:

- increase the number of connected ultrasonic emitters up to 192 pieces
- increase the power and number of connected acoustic and vibro-acoustic emitters to the outputs of LFA #1 and LFA #2

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