

# DSE-300S/Z ELECTRONIC SIREN

DSE-300S/Z electronic siren is used to alert and warn people in high-risk areas about dangerous events such as fires, floods, explosive materials and the release of toxic substances into the atmosphere. This type of siren is usually used to warn and evacuate people in manufacturing halls, industrial areas, stadiums and airports.

## ADVANTAGES AND FEATURES

### RANGE

DSE-300S/Z electronic siren is equipped with 2 aluminum slotted speakers with omnidirectional sound propagation (each speaker covers 90°) and total SPL intensity 103 dB (A)/30m.

### EFFICIENCY

Slotted speakers are distinguished by their unique construction that enables effective transmission of alarm sound over a large area. Outdoor version of siren's cabinet are used mainly in places with high air pollution or prone to flooding, like in the center of cities (on street poles, lamp posts) and at dams. Special housing design provides effective protection against all weather conditions.

### VOICE MESSAGES

DSE-300S/Z electronic siren allows for broadcast of every type of voice messages (live or prerecorded, on the spot or from a remote location) and other irregular recordings (eg warning sounds or anthems).

### POWER SUPPLY

The advantage of DSE-300S/Z sirens is low energy consumption and high resistance to weather conditions. The pole sirens are powered from the public/street power supply network and have built-in maintenance free batteries enabling continuous operation even in case of a power outage.

### TEMPORARY POWER SUPPLY

When mounting on periodically powered lighting poles (e.g. only at night) an optional power supply with increased efficiency can be used in siren to allow for charging batteries in shorter time.

### ADDITIONAL EQUIPMENT

The DSE-300S/Z siren can be equipped with additional devices, e.g. weather stations, chemical sensors, e.g. air quality level sensors.



## TECHNICAL PARAMETERS

Output power	300 W
SPL sound pressure level	103 dB(A)/30 m
Number of loudspeakers	2
Number of amplifiers	1 x 300 W
Sound frequency	dual tone 400 ÷ 430 Hz
Transmission band	≥ 300 ÷ 5000 Hz
Main power supply	230 V +/- 10%
Emergency power supply	2 x 12 V (33 Ah) AGM
Power consumption (in stand by mode)	on average 3 W
Power consumption during charging	max. 150 W
Number of alarms with emergency power supply	up to 20 x 1-minute alarms (24 h after main power outage)
Working time with emergency power supply (in stand by mode)	up to 30 days
Operating temperature	SLOTTED LOUDSPEAKER: from -30°C to +70°C CONTROL BLOCK: from 0°C to +50°C
Dimensions/ weight	SLOTTED LOUDSPEAKER: ø510 x 420 mm/ 3 kg CONTROL BLOCK: 600 (H) x 600 (L) x 250 (W) mm/ 30 kg (without batteries and additional equipment)
Material	SLOTTED LOUDSPEAKER: aluminium alloy CONTROL BLOCK: metal housing, 2 locks
Protection grade	Ip66
Warranty	24 months (battery: 12 months)

