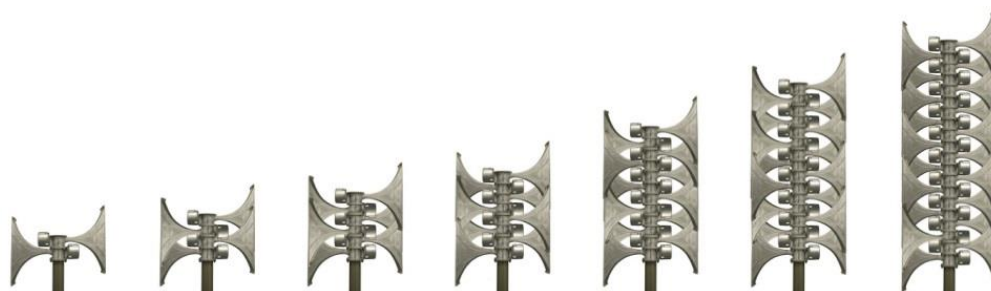


DSE Data Sheet

Technical parameters



Model	DSE-300S	SE-600S	DSE-900S	DSE-1200S	DSE-1800S	DSE-2400S	DSE-3000S
Output power	300 W	600 W	900 W	1200 W	1800 W	2400 W	3000 W
Sound pressure level (SPL)	103 dB(A)/ 30 m	109 dB(A)/ 30 m	112 dB(A)/ 30 m	115 dB(A)/ 30 m	118 dB(A)/ 30 m	121 dB(A)/ 30 m	123 dB(A)/ 30 m
Number of horns	2	4	6	8	12	16	20
Number of amplifiers	1 x 300 W	2 x 300 W	3 x 300 W	4 x 300 W	6 x 300 W	8 x 300 W	10 x 300 W
Fundamental frequency	dual-tone: 415-425 Hz (frequency range: from 250 Hz up to 3000 Hz)						
Main power supply	220 – 240 VAC / 50 – 60 Hz						
Backup supply – solar panels	100 W – 250 W					Optional: 2 x 100 W – 250 W	
Emergency power supply (maintenance-free batteries)	2 x 12 V 33 Ah		2 x 12 V 50–120 Ah			Optional: 4 x 12 V 75 Ah - 80 Ah	
Power consumption in stand-by mode (without additional accessories)	max. 1,5 W						
Battery charging current	max. 3 A					Optional: max. 10 A	
Number of alarms with emergency power supply	up to 20 x 1-minute alarms (24 hours after switching-off the main power supply)						
Time of operation without main power supply (stand-by mode)	up to 30 days in stand-by						
Control options (digital, preferred)	<ul style="list-style-type: none"> ▣ PC-5XX (digitexCZK/IP® system) ▣ IP (LAN/WAN, VPN, WiFi, WiMax) ▣ GSM/GPRS/3G/LTE/CDMA ▣ interfaces: I2C, USB, RS-232, RS485/422, CAN 						
Control options (analog)	<ul style="list-style-type: none"> ▣ Radio VHF/UHF (FSK) – MDS-25 ▣ DTMF ▣ PSTN network or leased lines 						
Control options (local)	<ul style="list-style-type: none"> ▣ wall mounted manipulator with microphone ▣ desk manipulator with microphone ▣ manipulator with LCD and keyboard mounted in siren cabinet ▣ clock controller SZS-24 ▣ DMR-150 microphone ▣ digital inputs (up to 15 alarms) 						
Types of sounds	<ul style="list-style-type: none"> ▣ 64 alarm signals (rerecorded on SD card) ▣ 64 voice messages (rerecorded on SD card) ▣ real-time voice messages from the control centre 						
Operating temperature	<ul style="list-style-type: none"> ▣ aluminium horns: -30°C to +70°C ▣ control block (IP55 indoor): 0°C to +50°C ▣ control block (IP65 outdoor): -20°C to +65°C 						
Dimensions (H x W x D) / Weight	<ul style="list-style-type: none"> ▣ slotted loudspeaker: 610 x 600 x 140 mm/ 8 kg ▣ control block (standard DSE-300S - DSE-1800S): 600 x 600 x 250 mm/ 30 kg without batteries ▣ control block (DSE-2400S and DSE-3000S): 1000 x 600 x 250 mm/ 50 kg without batteries ▣ optional DSE-2400S – DSE-3000S: 2 separated cabinets for control and backup batteries 						
Control block material	metal housing, RAL 7035, 2 locks, IP55/ IP65 for outdoor						
Horn material	aluminium alloy						