



# SES2-2400-XXX

Electronic sirens are increasingly used for mass warning systems due to their advantages of low energy consumption and low maintenance effort. Their modular construction offers individual structure and power stages possibilities.

## ADVANTAGES & FUNCTIONS

- modular system
- variable siren signals with digital signal processing
- extremely high efficiency dB/W
- power regulated siren signal
- compensation of battery voltage changes and acoustic radiator impedance
- short-circuit proof
- excess temperature surveillance
- silent test of acoustic radiators
- automatic system test
- status indication
- system function surveillance via micro processor
- service programme for on-site diagnosis
- 2 batteries
- power output 600 W True RMS per amplifier

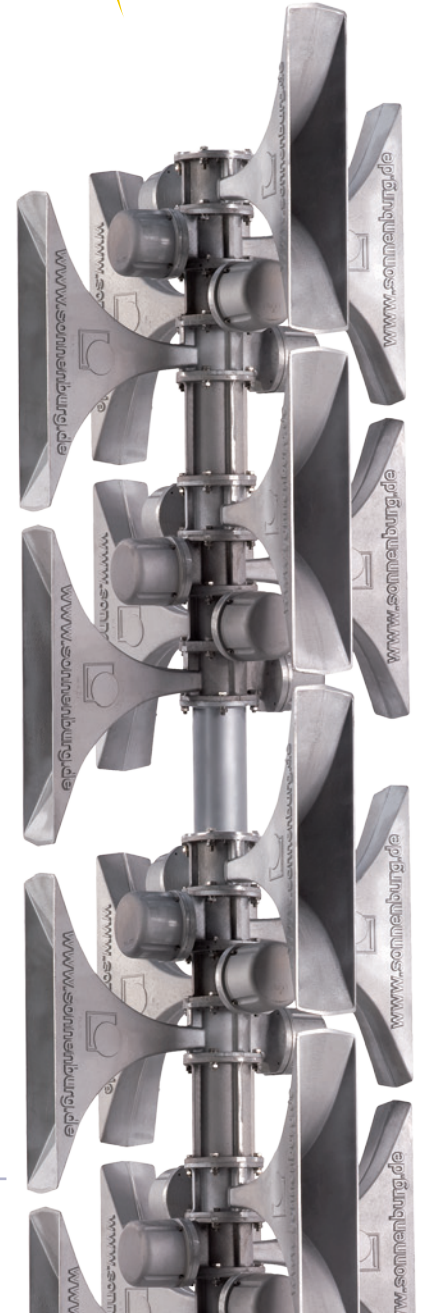
## TECHNICAL DATA

### IN GENERAL

sound pressure level in dB(A) in 30 m distance	118 - 128 dB(A)
basic frequency	415 Hz
number of acoustic radiators	16
humidity	0 % - 100 %

### ACOUSTIC RADIATORS

acoustic radiators made of	material ALSi7Mg0,35F - see water resistant aluminium alloy
temperature range	-50° C to +70° C
screw set	V2A
overall weight	139.6 - 176.3 kg
dimensions (w x h x d)	180°: 830 x 5226 x 160 mm 360°: 830 x 2980 x 830 mm 0°: 630 x 5226 x 280 mm

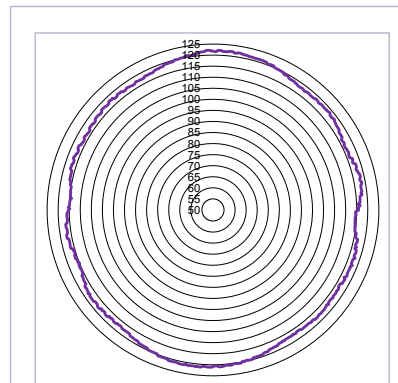
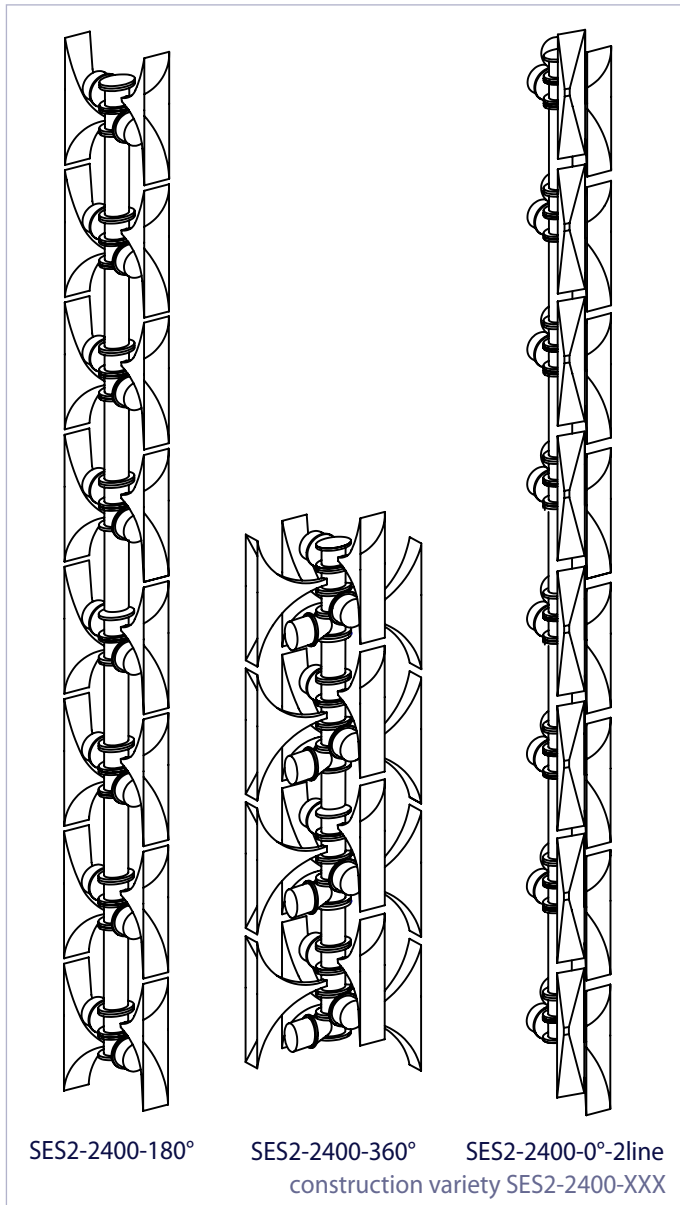


Pic.1: Sample of a SES-2400 siren

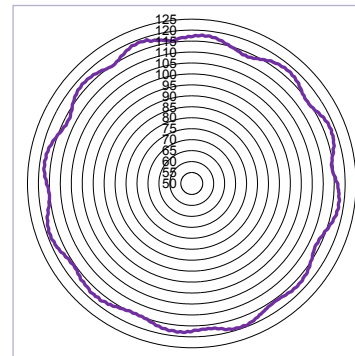
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### CONTROL UNIT

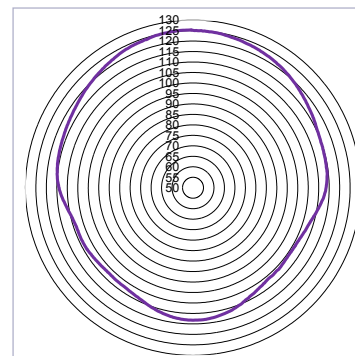
number of amplifiers	4
power output RMS	2400 W
mains voltage	230 V <sub>AC</sub>
power input in stand-by mode	3.5 V A
power input at battery charge	93 W
number of potential free inputs	3
number of potential free outputs	optional 2 potential free outputs for sum fault and alert active max. 24 V / 100 mA
status identification via service interface	all status identifications can be displayed at a service interface via a service programme
battery voltage / capacity (C20)	24 V / 154 Ah
battery capacity	70 days with 20 alerts à 1 min
temperature range electronics	-40° C to +70° C
temperature range batteries	-25° C to +60° C
protection class	IP 56
cabinet dimension (w x h x d)	800 x 1200 x 300 mm
weight	195 kg
colour	RAL 7035



SES2-2400-180°, 121 dB(A)



SES2-2400-360°, 118 dB(A)



SES2-2400-0°-2line, 128 dB(A)

sound pressure level dB(A)  
- Leq in 30 m SES2-2400-XXX