



SES2-1200-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	113 - 122 dB(A)
basic frequency	415 Hz
number of acoustic radiators	8
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	68.6 - 85.1 kg
dimension (w x h x d)	180°: 830 x 2666 x 160 mm 360°: 830 x 1590 x 830 mm 0°: 630 x 2666 x 280 mm

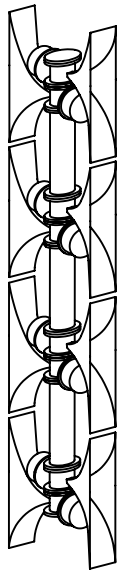


Pic.1: Sample of a SES-1200 siren

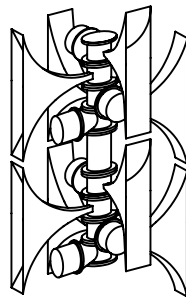
TECHNICAL DATA SES2-1200-XXX

CONTROL UNIT

number of amplifiers	2
power output RMS	1200 W
mains voltage	230 V _{AC}
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 / 60 Ah
battery capacity	24 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)	600 x 1000 x 250 mm
weight	87 kg
colour	RAL 7035



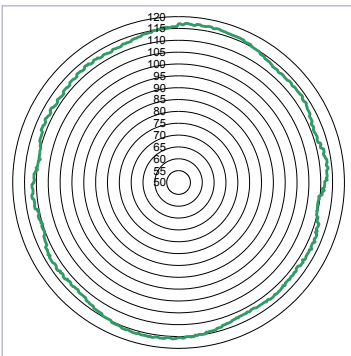
SES2-1200-180°



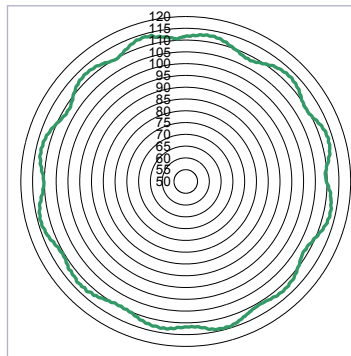
SES2-1200-360°



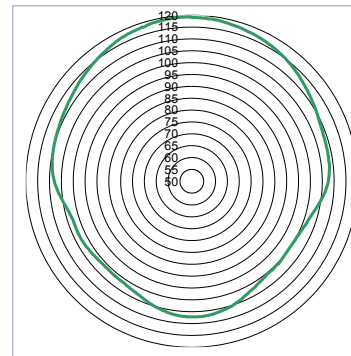
SES2-1200-0°-2line
construction variety SES2-1200-XXX



SES2-1200-180°, 115 dB(A)



SES2-1200-360°, 113 dB(A)



SES2-1200-0°-2line, 122 dB(A)
sound pressure level dB(A) - Leq in 30 m SES2-1200-XXX