

语音报警

LEN-20

100 V 无源扬声器，通过 EN 54-24 认证， $2 \times 4''$ ， $130^\circ \times 60^\circ$ ，约
 $133 \times 230 \times 128$ mm，全天候设计



Voice Alarm LEN-20

LEN-20 是一款无源100伏的扬声器，根据EN 54-24 B型认证，可用于语音报警系统。与Voice Alarm 系列的所有产品一样，它配备了一个防风雨的钢筋铝外壳，使其同样适用于室内和室外使用。LEN扬声器即使在困难的声学环境中也能保证出色的语音清晰度和高范围。



Main features

- 2 × 防水涂层4 "全频单元
- 均匀的指向性
- 抑制不需要的旁瓣得益于Fohhn Source Division Waveguide
- 无额外保护的耐候性（防护等级IP54，符合IEC 529 / EN 60529）。
- 新品：
- 可提供不同的颜色（RAL经典色、Pantone色、NCS色）或与Fohhn Texture Design
- 为了确保性能和操作安全，Fohhn 系统放大器，包括正确的扬声器预设。



有以下颜色可供选择



黑色



白

配备以下Fohhn 技术



Fohhn Texture Design



Fohhn Source Division Waveguide



100V可选



特殊颜色可选



可能具有耐候性

技术数据

Electroacoustic features	
acoustic design	weatherproof passive line source speaker system, closed, suppression of side lobes by Source Division Waveguides
components	2 × 4" drivers with treated cones
sensitivity 1 W @ 4 m in accordance with EN 54-24	79 dB SPL
SPLmax 100 V @ 4 m in accordance with EN 54-24 (trafo S/M/L)	92 dB SPL
2-way design	no
transformer options, power handling in acc. with EN 54-24 100 V (trafo S/M/L)	50 W / - / -
transformer options, power handling in acc. with EN 54-24 70 V (trafo S/M/L)	24.5 W / - / -
impedance 100 % tap (trafo S/L/M)	200 ohm / - / -
impedance 50 % tap (trafo S/M/L)	400 ohm / - / -
impedance 25 % tap (trafo S/M/L)	800 ohm / - / -
nominal directivity (h × v) (–6 dB, average @ 1–4 kHz)	130° × 60°
directivity (h × v) (octave band) in acc. with EN-54-24 @ 500 Hz	360° × 360°
directivity (h × v) (octave band) in acc. with EN 54-24 @ 1000 Hz	190° × 120°
directivity (h × v) (octave band) in acc. with EN 54-24 @ 2000 Hz	120° × 60°
directivity (h × v) (octave band) in acc. with EN 54-24 @ 4000 Hz	95° × 30°

Physical features	
enclosure	weatherproof aluminium housing, powder coated, steel bracings
connectors	terminal connectors capable of receiving up to 4 mm ² , two per pin, terminal cover with dual cable gland for up to 10 mm cable diameter
dimensions (w × h × d)	approx. 133 × 230 × 128 mm
weight (trafo S/M/L)	approx. 3 kg / - / -
standard colours	black (RAL 9005) or white (RAL 9016), powder-coated
certificates	EN 54-24 type B
EN 54-24	1
front design	ball impact resistant grille, galvanized and powder coated in housing colour backed by acoustically transparent foam
mounting points	continuous T-slot at rear

Optional features	
optional colours	RAL Classic / NCS / Pantone on request, Fohhn Texture Design
optional connectors	ceramic terminals capable of receiving up to 2.5 mm ²
optional weather protection	as standard (protection class IP54, in accordance with IEC 529 / EN 90529)

CAAD simulation data	
simulation data	EASE, CLF, Ulysses, Fohhn Designer

重量：不含可选设备的净重

灵敏度1 W / SPL_{max} 100 V @ 4 m 符合EN 54-24标准：在扬声器的远场测量，算到4米距离

阻抗100 / 50 / 25 % 分接：在每个扬声器系统产生1 W的电压下测量

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