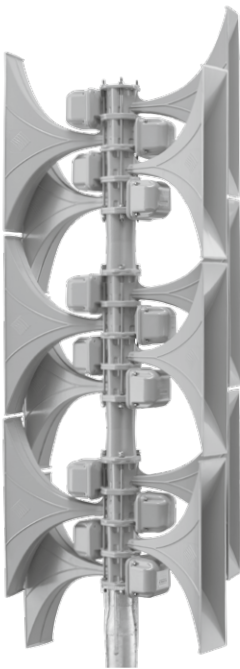


Electronic Siren ECN 1800-D



SIREN HEAD

Siren head consisting of self-supporting siren horns in modular construction.

SYSTEM

Sound Pressure Level	118 dB (A) / 30 m
Fundamental Frequency	415 Hz / 425 Hz
Alarms (Warning Tones)	15 (customized)
Messages (Pre-recorded Voice)	15 (customized)
Voice Announcement	optional
Standby Time	10 days
Battery Capacity without charge	39 minutes

SIREN HEAD

Number of Horns / Drivers	12
Weight Siren Head	89 kg
Head Dimension (W x H x D)	280 x 2260 x 840 mm
Windload at 160 km/h	1614 N
Material of Horns	Aluminium (Alloy)

SIREN CABINET

Number of Class-D Amplifiers	6
Mains Power Supply	230 VAC or 110 VAC +/-10%
Operating Voltage / Batteries	24 VDC
Maximum Charging Current	2,2 A
Solar Power Supply	optional / on request
Local Activation and Control	Foil Keypad with LCD (Display)
Cabinet Dimensions (W x H x D)	600 x 600 x 350 mm
Cabinet Design	Stainless Steel or Powder Coated
Protection Class	IP66
Weight incl. Batteries	84 kg
Cabinet Ambient Temperature Range	-25° +65°C

Specifications are subject to change without notice.



SIRENEN CABINET

Compact and clearly designed, based on 19" plug-in technology and modular construction. Robust assemblies with long design life guarantee maximum reliability.

Electronic Siren ECN 1800-D

TARGETED COVERAGE THROUGH DIRECTIONAL SIREN INSTALLATION

Unidirectional sirens enable targeted sound coverage exactly where it is needed. Through flexible alignment of sound emission, specific areas can be precisely reached and the warning effect can be optimally controlled. This ensures effective alerting even in complex urban or topographically challenging environments.

VERTICAL SOUND PROPAGATION

The ECN siren horn is a specific development with exponential increase of the horn's cross sectional surface, to propagate alarms and messages with high sound intensity. This special horn design assures optimum propagation of the sound wave within the horn, is widely in use, thoroughly tested and has proven the high perception by the public.

PROPAGATION OF SOUND PRESSURE LEVEL (SPL)

