



HPA800
OUTDOOR SIRENS

ELKRON **PRO**

The key to security

OUTDOOR SIRENS

Elkron expands its range of **self-powered outdoor sirens** with the **HPA800** series, which stands out for some special technical and construction features. A set of performance and mechanical components facilitates installation, maintenance and diagnosis operations.

The functions of the HPA800 sirens allow meeting almost all the possible requests of the user, from the simple alarm siren to the device that can provide useful auxiliary information. The sirens **comply with the requirements of European Standard EN 50131-4**.

It is possible to select input polarities, On/Off signal status, light or acoustic service signal modes, alarm memory and enabled tamper or anti-foam warnings.

Aesthetically characterised by a sober and pleasant shape, it is available with different finishes.



HPA800

White



HPA800-G

Metallic grey



HPA800-R

Antiqued copper

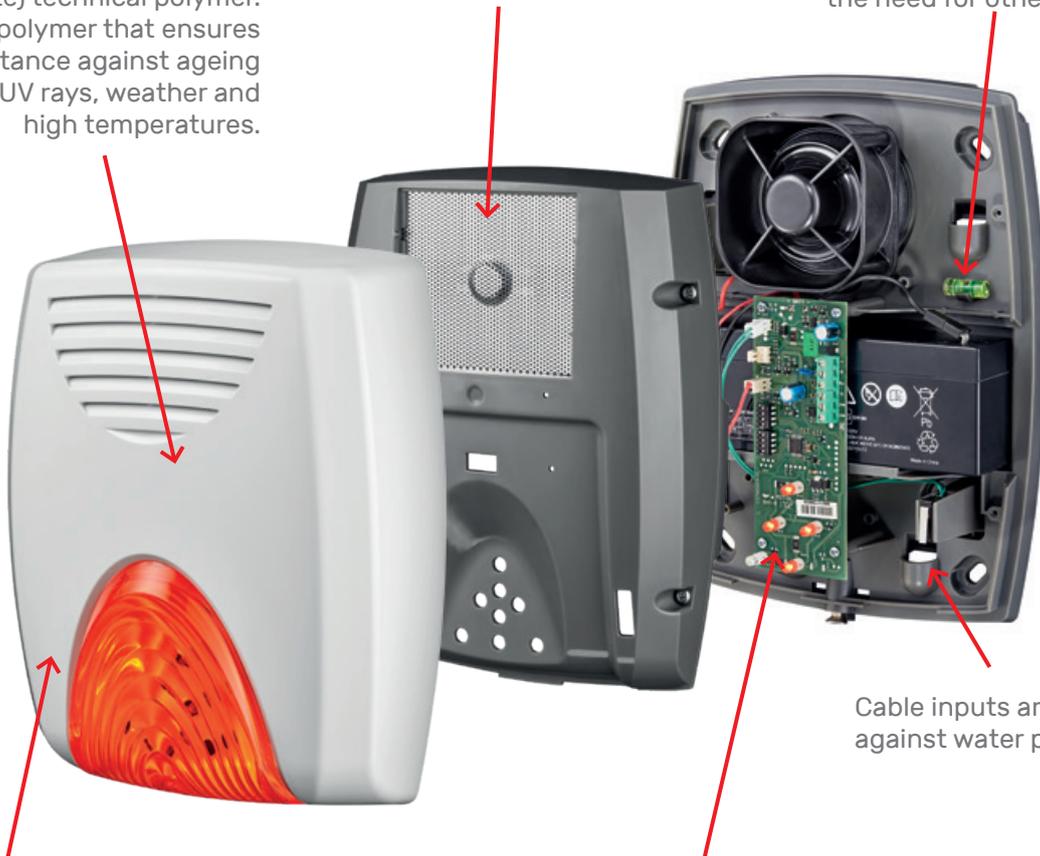
ITEM NUMBERS

Order code	Description
80HP1C00111	HPA800 Outdoor siren - White
80HP1D00111	HPA800-G Outdoor siren - Metallic grey
80HP1E00111	HPA800-R Outdoor siren - Antiqued copper
80HP1C10111	GRI/HPA800 Grille with anti-foam

The glossy white cover (standard finish) is made with ASA (Acrylonitrile Styrene Acrylate) technical polymer. This is a polymer that ensures high resistance against ageing due to UV rays, weather and high temperatures.

The GRI HPA800 option includes the anti-foam active module positioned in front of the siren. Fastening to the bottom is made with captive screws to facilitate its installation.

Thanks to the holes for the dowels properly slotted, the spirit level integrated into the base allows to perfectly align the fastening without the need for other tools.



Cable inputs are protected against water penetration.

The cover is made of high-strength thermoplastic material with high thickness (3.5 mm) and ensures exceptional impact resistance. Laboratory tests carried out according to standard EN62262 have confirmed an impact resistance of 5 Joules (Level IK08).

The electronic board is made to reduce interconnections and houses all the siren electronics, including the alarm and service signal LEDs. The electronic board is protected by a film of insulating paint (tropicalisation), and the vertical positioning of the board further increases reliability by minimising the risk that condensation phenomena will deposit water and dust on the circuit.

The cover and the locking screw are designed so that during installation and maintenance it is possible to hook the cover (open) to the screw (loose).

The cover is locked by a single screw located in the lower side; the screw axis has been tilted outwards, to allow keeping the handle of the screwdriver away from the wall, facilitating locking operations.



TECHNICAL FEATURES

ACOUSTIC SIGNALS	
ACOUSTIC PRESSURE	>114 dbA at 1 metre (main axis)
MODULATIONS	2 selectable types of sound
TIME-OUT	240s - 480s
DIAGNOSTIC SIGNALS (INSTALLATION)	Power-ON Input confirmation OK and end of installation
SERVICE SIGNALS (SELECTABLE)	ON (enabling performed) OFF (disabling performed)
LIGHT SIGNALS	
FLASHING	4+1 high-efficiency multifunction LEDs
DIAGNOSTIC SIGNALS (INSTALLATION)	Power ON Display Tamper / Anti-foam Display Alarm Input (Block) Input confirmation OK and end of installation
SERVICE SIGNALS (SELECTABLE)	ON (enabling performed) ON (enabled) selectable on dedicated LED OFF (disabling performed) Alarm memory Tamper / Anti-foam Status
FUNCTIONS	
ALARM INPUT	Selectable polarity Selectable balancing
SYSTEM STATUS INPUT	Selectable polarity Selectable status (open / closed)
BLOCK OF ALARM CYCLES	in 24h (max 8 cycles) in one ON session (max 8 cycles)
INTERMEDIATE COVER WITH ANTI-FOAM	Optional
POWER SUPPLY / BATTERY CHARGER	13.8 - 14.4 VDC from control unit
HOUSING FOR BATTERY	Hermetic Pb 12 V 2.2 Ah
TAMPER OUTPUT	Free NC contact (OPTo-Mos solid state)
PHYSICAL FEATURES	
DIMENSIONS	215 x 270 x 90 mm
WEIGHT	1190 gr
CASING MATERIAL	ABS / ASA / PC
OPERATING TEMPERATURE RANGE	-25 / +55 °C
PROTECTION CLASS	IP44
IMPACT RESISTANCE	IK08 (5 Joule)
COMPLIANCE WITH EUROPEAN STANDARDS	
EN50131-1 (SYSTEM STANDARD)	Safety Grade 2
EN50131-4 (STANDARD FOR ALARM SIGNALLING DEVICES)	Safety Grade 2
EN50130-5 (Environmental classification)	Class IV



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