

radius

INDOOR SIREN
KSI6100000.310 – KSI6101000.310
Universal - KS-BUS



MAIN FUNCTIONS

The **radius** self-powered indoor siren is actually a **professional (acoustic & optical) Sounder** which shows a unique and exclusive design, extremely slim (max. 37mm thick) associated with a modern technology aimed to combine the best possible performances with the maximum energy saving : very high sound pressure, power LED Alarm Light which also acts as **emergency light in case of main power's black-out**. The siren is fully controlled by a microprocessor which checks the different siren status and sends the selected signal.

radius, like as the *ergo* Keypad, has been designed to be fully flexible even from a chromatic stand point of view to be easily and superbly integrated in any sort of interior design: as a matter of fact, its design allows the end user to take advantage of 4 different colours, i.e. white, metallized grey, red and black.

With regard to its function, **radius** is available with 2 inputs to activate the acoustic and optical signals, which thanks to the programming of the inputs polarities are easy to be linked to any Control Panel. The first time you power up it, the siren reads all the inputs and associates them to the correct polarity and stand-by status with no need to program them manually, saving the programming itself on a non-volatile memory ; either they are inputs with positive or negative command, or with or without intrinsic security (command to miss or to give), **radius** links any of them with the associated function. The battery is steadily monitored and its malfunctioning or discharge immediately signalized to the Control Panel. On top of the automatic protection for preventing wire-cutting actions, **radius** is protected by 2 tamper switches against cover opening and against removal from the wall. The housing is made of very high quality anti-UV polycarbonate.

In the KS-BUS communication's version (only for *Iares* Control Panels) the siren is equipped with a precision temperature sensor to display the indoor temperature in the *ergo* Ksenia Keypad.

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TECHNICAL DATA

- Ultra-modern design with additional Emergency Light function.
- Solid PC UV-resistant housing (min. 2 mm. thickness)
- Interchangeable in 4 the different Ksenia colors
- 1 input for the main 3 W power LED
- Autoconfiguration of input polarity
- High Sound Pressure Piezoelectric Buzzer (>100 dBA at 1m.)
- Integrated Temperature Sensor (radius-bus version only), precision $\pm 0,5^{\circ}\text{C}$
- Back-up Battery
- Temperature Range: from $+5^{\circ}$ to $+40^{\circ}\text{C}$
- Dimensions (W x H x D): 100 x 140 x 37 max. mm
- Weight (with Battery): g. 300

PROGRAMMING

In the KS-BUS version, **radius** is linked to the *lares* Control Panel by means of the 4-wires serial KS-BUS and it can be easily programmed from the Control Panel.

HOW TO ORDER

Ksenia Finished Product
KSI6100000.310 – KSI6101000.310
Universal - KS-BUS

PARTS INCLUDED

PRODUCT CODE	NUMBER	DESCRIPTION
KSI6100000.310 Universal	1	Siren complete with PCBA
KSI6101000.310 KS-BUS		
	1	Sets of 4 coloured masks
	1	Quick installation guide in IT/EN/FR

ACCESSORIES

PRODUCT CODE	NUMBER	DESCRIPTION
KSI7207850.000	1	Li-Ion battery

CERTIFICATIONS

REGION	CERTIFICATION
Europe	CE R&TTE 1995/5/CE EN50131-4 Grade 3

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ENVIRONMENTAL CARE

radius has been specifically designed and manufactured for the environmental respect as follows:

- No PVC
- Halogen free laminates and lead-free PCBA
- Low consumption
- Packaging realized mainly with recycled fibers and materials



we care