

SIRENA

**SIGNALLING
SYSTEMS FOR
INDUSTRIAL
AUTOMATION**



HOW TO CHOOSE THE PERFECT DEVICE?

AMBIENT LIGHT AND DISTANCE FROM THE OPERATOR AFFECT THE TYPE OF SIGNALLING

LENS

allCOLOR

The AllColor lens was developed for applications where the brightness of the device is the priority.

The use of coloured lens with the same-color LED light source allowing a rich intense light output. Ideal for **increasing the visibility of the device, even at great/long distances.**



allCLEAR

The AllClear lens was developed for needs where signalling accuracy is the priority.

The AllClear lens, being neutral in colour, allows immediate identification of the ON and OFF state of the device. **Ideal in very bright environments** where ambient light entering the dome could create problems in distinguishing when the device is switched ON.



PROXIMITY

The Proximity lens is designed for use in close proximity of the user. The particular opaline material used allows it to signal without dazzling or distracting the operator's attention due to too high light intensity.



DIRECTIONAL

The Directional lens is designed for long-range signalling. Thanks to its special Fresnel-type design, it allows effective signalling even with light placed in the far distance.





SIGNAL TOWERS

ACOUSTIC AND VISUAL SIGNALLING DEVICES TO INCREASE SAFETY AND PRODUCTIVITY

Signal towers are an essential device in production process control and industrial automation. They are constantly signalling the status of a machine or a process to operators in real time. The Automax Sirena range has been designed for industrial manufacturing, allowing you to:

- Increase operator **safety**
- Increase **efficiency** and **productivity**
- Reduce inefficiencies and machine downtimes/stops



EOS

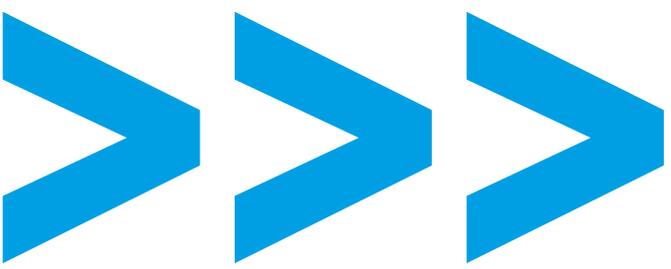


All Sirena technology available in pre-assembled solutions to meet every signalling need, including interconnection with 4.0 systems.

TWS



The Sirena custom signal tower par excellence. Maximum choice of modules, colours and lenses to meet every signalling need in any bright environments conditions or distance from the operator.



AUTOMAX EOS

Pre-assembled Signal towers

Sirena pre-assembled solutions for maximum reliability and efficiency in the field of signalling.



PRE-ASSEMBLED MODELS



MAX
100 dB
IP69K



EOS
Pre-assembled tower up to 3 light modules with or without acoustics



MAX
100 dB
IP69K



EOS RGB
Pre-assembled tower with single or dual 5-colour LED light module



MAX
95 dB
IP69K



EOS I4.0
Tower capable of activating light and acoustic signalling with input voltage thresholds (0-10Vdc), using a single PLC analogue output



SMART FACTORY – EOS WIFI

Solution for optimising production processes. The EOS Signal towers are connected to a system that allows the display of the status of each module on a Smartphone in a comfortable and user-friendly way, reducing non-productive times and allowing advanced data analysis

LEGEND

- SOUNDER
- SOUNDER A+
- MULTICOLOR

FIXING ACCESSORIES

FLAT
Flat base for surface installation



BS
>compatible with EOS and TWS models



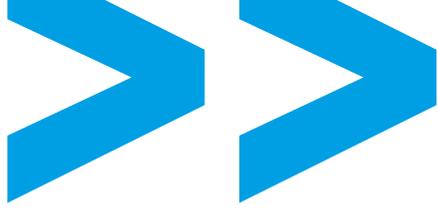
KIT L10cm
>compatible with EOS and TWS models

WALL-MOUNTED
Wall base for lateral installation



EOS WALL BASE

BODY



AUTOMAX TWS

Modular Signal Towers

A wide selection of modules, colours and lenses to create a bespoke tower light for every application.

Up to 5 modules can be installed: incandescent, LED, Xenon or acoustic.



LED MODULES

LED
LED module, up to 5 lighting effects
allCOLOR ●●●●●○
allCLEAR
PROXIMITY

RING ●●



LED RGA 3 COLOURS
Integrated multicolour LED super-bright module with constant or flashing light

allCLEAR ●●●



LED S
Integrated LED super-bright module with up to 4 effects
allCOLOR ●●●●○
allCLEAR

ACOUSTIC



PZO **MAX 81 dB**
Piezoelectric acoustic module. Features 6 dip-switch selectable sounds

BODY ●●

MDA **MAX 107 dB**
High-power magnetodynamic acoustic module. Features 32 dip-switch selectable sounds

A+ **MAX 95 dB**
High-power magnetodynamic module with IP65 protection rating, producing 16 dip-switch selectable sounds

BASE

FLAT **BODY** ●●
for TWS tower



DIMENSIONS

STANDARD _____ Ø70mm
MINI _____ Ø50mm
BABY _____ Ø36mm

>Mini TWS and Baby TWS have LED and acoustic modules available

MLINE

Multifunctional modular devices

Exclusive modular system that allows each of the available domes to be mounted on any Mline base, making it flexible for any application.



LUMINOUS

SLR S

LED module with flashing, strobe or random light effect

allCOLOR ●●●●○
allCLEAR

FLR S

LED module with steady, flashing, rotating light effect

allCOLOR ●●●●○
allCLEAR



LUMINOUS

XLF S – XLF RGB

LED module with steady, flashing, strobe or random light effect

allCOLOR ●●●●○
allCLEAR
PROXIMITY DIRECTIONAL



XLF S ARROW
XLF RGB ARROW
LED devices with directional arrow

FRECCIA ●●
●●●●●●●●

ACOUSTIC / LUMINOUS



SIR-E LED S

LED module (steady light, flashing light and triple flash) with electromagnetic acoustics max. 105dB(A)1m - 64 sounds

allCOLOR ●●●●○
allCLEAR

MAX
105 dB



SIR-E LED MAX

LED module (steady light, flashing light and triple flash) with electromagnetic acoustics max. 115dB(A)1m - 64 sounds

CUPOLA ●●●●○

MAX
115 dB

ACUSTICO



CORPO ○●●●

SIR-E S

Electromagnetic acoustic module max. 105dB(A)1m - 64 sounds

MAX
105 dB



SIR-E MAX

Electromagnetic acoustic module max. 115dB(A)1m - 64 sounds

MAX
115 dB

BASES



SHALLOW
Shallow base for surface mounting



DEEP
Surface mount base



WALL
Base for wall mounting



DOUBLE
Double wall-mounting base



FLUSH
Flush-mounted base



POLE
Threaded pole installation

CORPO ○●●●



ELECTRA

LED devices for control panels

A wide range of products for acoustic or luminous signalling in control panels.

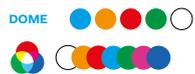


STeady LIGHT

Ø70-80 DEVICES

MULTIEFFECT

E-LITE LED
LED device with steady light



OVOLUX R LED – OVOLUX RGB
LED device, for rear panel installation, with steady light, single, double and triple flashing effect



Ø40-50 DEVICES FOR REAR INSTALLATION

LUMINOUS

ACOUSTIC



P50 S – P50 RGB
LED device with 7 light effects



P40 S
LED light device with 3 light effects



BEBIP
Buzzer developed with piezoelectric sound capsule for the production of an intermittent sound



P40 A
Multi-function piezoelectric buzzer with 2 sounds available



P50 A
Multi-function piezoelectric buzzer with 7 sounds available



ACOUSTIC / LUMINOUS



P50 A LED
Piezo-electric buzzer with LED light, 7 light/sound combinations selectable

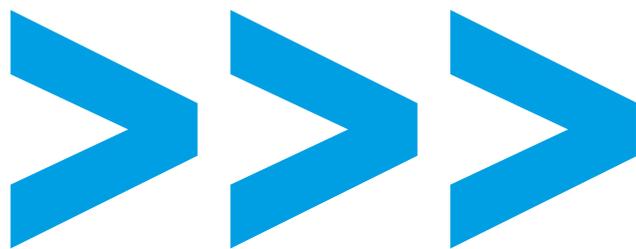


P40 A LED
Piezo-electric buzzer with LED light, 3 selectable light/sound combinations



Since 1974 Sirena has been designing, developing and producing high-quality acoustic and light signalling devices.

Tradition, passion and innovation are the core values that have always accompanied our long history and allow us today to set new standards in the signalling market. Thanks to constant investment in research and development, we provide our customers with state-of-the-art industrial solutions that increase the safety and efficiency of production environments.



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