

*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

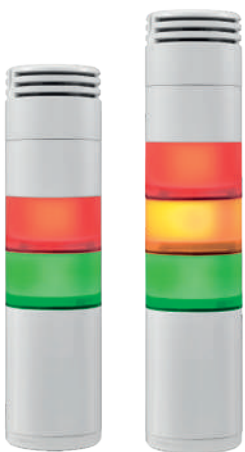
## ACOUSTIC AND VISUAL SIGNALLING DEVICES TO INCREASE SAFETY AND PRODUCTIVITY

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

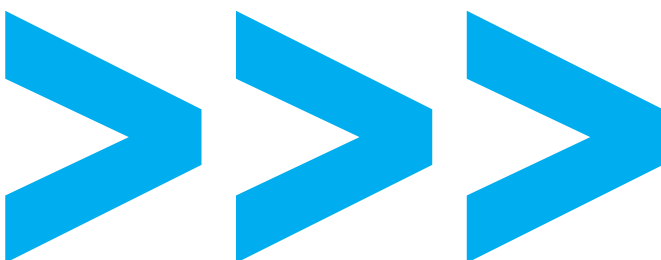


All Sirena technology available in pre-assembled solutions to meet every signalling need, including interconnection with 4.0 systems.

## 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



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



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



**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



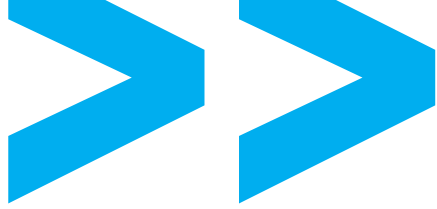
**KIT L10cm**  
>compatible with EOS and TWS models

**WALL-MOUNTED**  
Wall base for lateral installation



**EOS WALL BASE**

BODY

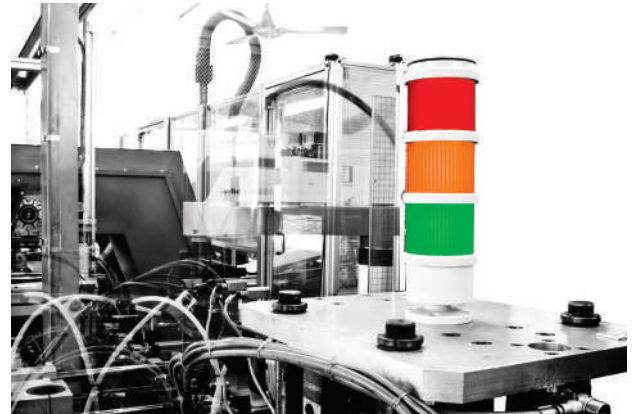


# AUTOMAX TWS

## 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

ARROW ●●  
●●●●●●●●

### 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

allCOLOR ●●●●○  
allCLEAR

MAX  
115 dB

DOME ●●●●○

### ACOUSTIC



BODY ○●●●

#### 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

BODY ○●●●



#### 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



# 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



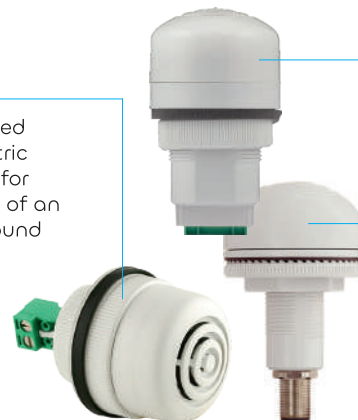
**P50 S – P50 RGB**  
LED device with 7 light effects



**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

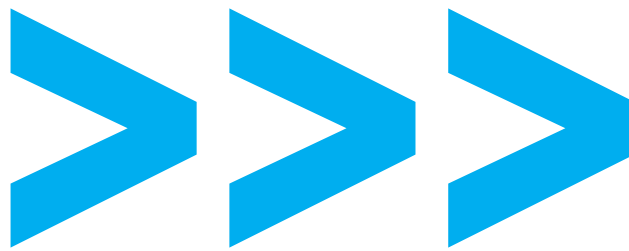


**P40 A LED**  
Piezo-electric buzzer with LED light, 3 selectable light/sound combinations



**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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