Product Upgrade

AlertAlarm
AlertAlight
Sonora
Launch date: 1st June 2021

e2s
warning signals

Product Upgrade Notification

The E2S AlertAlarm, AlertAlight & Sonora ranges of alarm horn sounders, beacons and combined signals have become synonymous with providing reliable and effective alarm notification in the harshest of environments. Since the original A100, A105, A110 and A120 product range was launched nearly 30 years ago, E2S have continued to innovate providing improvements in features and performance.

E2S is pleased to announce from the **1st June**, the release of the latest iteration of the AlertAlarm, AlertAlight & Sonora ranges. Upgrades have been implemented to both enclosures and electronics to create the universal solution for industrial, marine and ordinary location applications. Globally approved to UL and EN standards for fire and general signaling, select products are also DNV approved and MED compliant for marine applications. Approvals are provided by default across the range to ensure compliance with the latest standards and directives wherever the application is located.

Please see below a summary of the improvements for each product type. Links have been provided to access the web pages for the new versions. Please contact us to discuss how the new generation of E2S signals can help provide the optimum solution for your life safety application.

AlertAlarm/AlertAlight

A100 Alarm Horn Sounder
AL100X Alarm Horn Sounder & Xenon Strobe
AL100H Alarm Horn Sounder & LED Beacon

Enhanced enclosure configuration

- Back box options provide dual 20mm cable entries
- Stopping plugs supplied as standard

New electronics

- Up to **110dB(A)** @ 1m (101dB(A) @ 10')
- 64 international alarm tones, 4 remotely selectable stages
- Dual DIP switches for independent 1st and 2nd stage selection
- Low in-rush
- Pluggable, duplicated terminals
- DC voltage range: 10-60Vdc
- AC voltage range: 24-260Vac 50/60Hz
- Conformal coated electronics
- Extended temperature range: -40°C to +66°C / -40°F to +151°F
- AL100H features new enhanced LED electronics

Global accreditations as standard

- UL/cUL/ULC approved for fire & general signaling
- UL EU approved to EN54 standards - CPR compliant

Web link: A100
Web link: AL100X
Web link: AL100H

A105N Alarm Horn Sounder
AL105NX Alarm Horn Sounder & Xenon Strobe
AL105NH Alarm Horn Sounder & LED Beacon

New enclosure

- Redesigned enclosure
- Improved, robust mounting lug design
- Fixing centres compatible with competitive products
- Dual M20 threaded cable entries
- Forward facing beacon orientation now standard

New electronics

- Up to **113dB(A)** @ 1m (102dB(A) @ 10')
- 64 international alarm tones, 4 remotely selectable stages
- Dual DIP switches for independent 1st and 2nd stage selection
- Lower in-rush
- Pluggable, duplicated terminals
- DC voltage range: 10-60Vdc
- AC voltage range: 24-260Vac 50/60Hz
- Conformal coated electronics
- Extended temperature range: -40°C to +66°C / -40°F to +151°F
- AL105NH features new enhanced LED electronics

Global accreditations as standard

- UL/cUL/ULC approved for fire and general signaling
- UL EU approved to EN54 standards - CPR compliant
- DNV type approved
- MED compliant - DC & AC voltages

Web link: A105N
Web link: AL105NX
Web link: AL105NH

AlertAlarm/AlertAlight

A112N Alarm Horn Sounder
AL112NX Alarm Horn Sounder & Xenon Strobe
AL112NH Alarm Horn Sounder & LED Beacon

Enclosure updates

- Back boxes provide dual 20mm cable entries
- Stopping plugs supplied as standard
- Forward facing beacon orientation now standard

New electronics

- A112N/AL112N: Up to **120dB(A)** @ 1m (111dB(A) @ 10')
- A121/AL121: Up to **124dB(A)** @ 1m (115dB(A) @ 10')
- Two user selectable power modes - choose the correct level of SPL and current consumption required for your application
- Latest in D class amplification design
- 64 international alarm tones
- 4 remotely selectable stages
- Positive and negative switching plus independent stage activation
- Dual DIP switches for independent 1st and 2nd stage selection
- Reduced in-rush
- Full range volume control
- Pluggable, duplicated terminals
- DC voltage range: 10-60Vdc
- AC voltage range: 100-260Vac
- Conformal coated electronics
- Extended temperature range: -40°C to +66°C / -40°F to +151°F
- AL112NH & AL121H feature new enhanced LED electronics

A121 Alarm Horn Sounder
AL121X Alarm Horn Sounder & Xenon Strobe
AL121H Alarm Horn Sounder & LED Beacon

Global accreditations as standard

- UL/cUL/ULC approved for fire and general signaling
- UL EU approved to EN54 standards - CPR compliant
- DNV type approved
- MED compliant - DC & AC voltages

Web link: A112N
Web link: AL112NX
Web link: AL112NH

Web link: A121
Web link: AL121X
Web link: AL121H

D105 Alarm Horn Sounder
DL105X Alarm Horn Sounder & Xenon Strobe
DL105H Alarm Horn Sounder & LED Beacon

New electronics

- Up to **113dB(A)** @ 1m (102dB(A) @ 10')
- 64 international alarm tones, 4 remotely selectable stages
- Dual DIP switches for independent 1st and 2nd stage selection
- Lower in-rush
- Pluggable, duplicated terminals
- DC voltage range: 10-60Vdc
- AC voltage range: 24-260Vac 50/60Hz
- Conformal coated electronics
- Extended temperature range: -40°C to +66°C / -40°F to +151°F
- DL105H & DL112H feature new enhanced LED electronics

Global accreditations as standard

- UL/cUL approved for general signaling

Web link: D105
Web link: DL105X
Web link: DL105H

AlertAlight/Sonora

L101X Xenon Strobe Beacon
L101H LED Beacon

Enhanced enclosure configuration

- Back box provides optional dual 20mm cable entries
- Stopping plugs supplied as standard
- Back box options available with and without mounting lugs

New LED electronics

- Array of 18 x Cree high output LED's
- Steady mode plus 7 flashing modes
- Up to 180cd for steady mode and up to 113cd for 1Hz flash mode
- Lower in-rush
- Pluggable, duplicated terminals
- DC voltage range: 10-33Vdc and 48-260Vdc
- AC voltage range: 48-260Vac 50/60Hz
- Extended operating temperature range: -40 to +70°C [-40° to +158°F]

Global accreditations as standard

- UL/cUL/ULC approved for fire and general signaling*
- VdS approved to EN54 standards - CPR compliant (L101X)

Web link: L101X
Web link: L101H
* L101X UL1638 & CAN/ULC-S526 approval pending

SONF1 Alarm Horn Sounder
SONFL1X Alarm Horn Sounder & Xenon Strobe
SONFL1H Alarm Horn Sounder & LED Beacon

Enhanced enclosure configuration

- Back box options provide dual 20mm cable entries
- Stopping plugs supplied as standard

New electronics

- SONFL1H features new enhanced LED electronics

Global accreditations as standard

- UL/cUL/ULC approved for fire and general signaling
- VdS approved to EN54 standards - CPR compliant
- MED compliant

Web link: SONF1
Web link: SONFL1X
Web link: SONFL1H

Note:

A new part code system will be introduced for the products detailed above to allow the new and future features to be specified when ordering. The part code configuration tool on each E2S web site product page demonstrates the available options. Orders received after the 1st June will be acknowledged with the new part code references.

Please see product datasheets for further details of applicable approvals within each product type.