Pfannenberg PATROL Sounders and PYRA Flashing Strobe Lights

Technically Advanced Signaling Devices for Safety Alarm Requirements

NEW

PATROL Sounders - versatile audible alarms that:

- include more performance features.
- offer multiple tones to distinguish problems.
- install in less time.
- operate in any climate.
- can be surface-mounted or flush-mounted.
- satisfy many requirements.

PATROL Flashing Sounders - combined audible and visual alarms that:

- enhance safety with alarms that are seen and heard.
- utilize flashing strobes with higher energy/visibility.
- offer separate control of the audible sounder and visual flashing strobe.

PYRA Flashing Strobe Lights - the versatile visual alarm that installs anywhere:

- visible field of 180° x 360°.
- surface or flush/panel installation.
- mounts atop metal conduit with standard 1/2 NPT compression fitting.
- available in a variety of housing and lens colors.

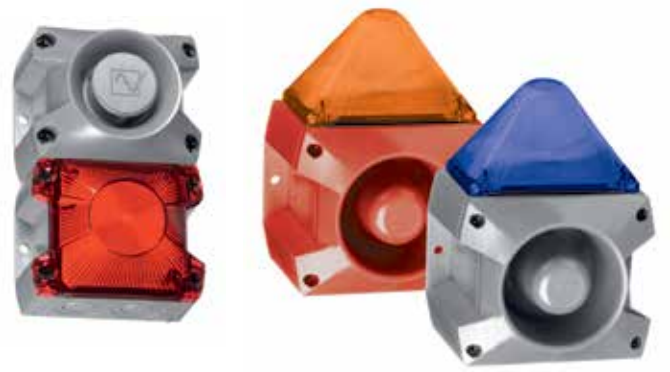
reddot design award
winner 2013, 2015

An international jury selected the PATROL lineup in 2013 and the PYRA MA in 2015 to receive the coveted reddot award for design excellence.

PATROL Sounders



PATROL Flashing Sounders



PYRA Flashing Strobe Lights and Flashing Sounders



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CE

AIW SIGNALING TECHNOLOGY

10 YEARS WARRANTY

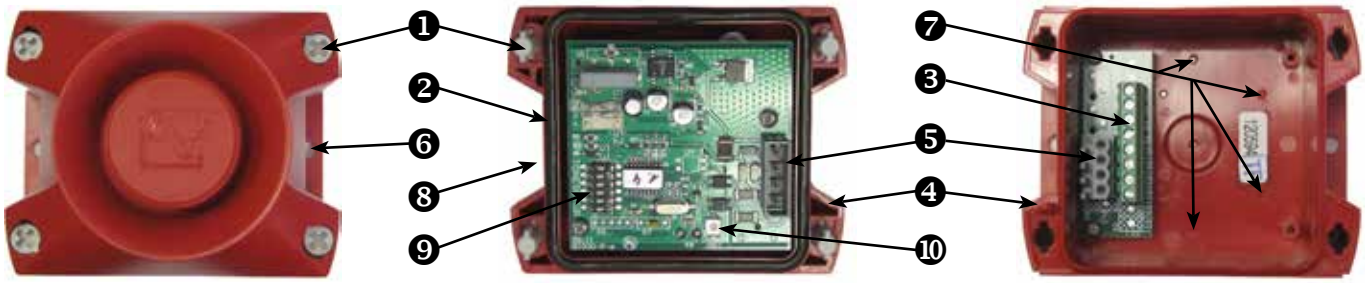
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ELECTRO-TECHNOLOGY FOR INDUSTRY

PATROL Sounders - versatile audible alarms (horns and sirens)

PATROL SOUNDERS with 80 tones and 4 tone stages. Flame-retardant, UV-resistant housings made of ABS/polycarbonate blend.				
Housing Colors: Red, Light Grey, or White				
Model	**PA 1**	**PA 5**	**PA 10**	**PA 20**
Nominal Sound Output	100 dB	105 dB	110 dB	120 dB
Ingress Protection	IP 66, Type 4, 4X			
Operating Voltages and Prices	24 VDC : $125.00 115 VAC : $135.00 230 VAC : $135.00	24 VDC : $195.00 115 VAC : $195.00 230 VAC : $195.00	24 VDC : $335.00 115 VAC : $335.00 230 VAC : $335.00	24 VDC : $495.00 115 VAC : $495.00 230 VAC : $495.00
Options	Flush/Panel Mount Version (PA 1 only), Flush/Panel Mount Kit (all models), Surface Mount Gasket, Shock and Vibration Hardened, Enclosure Coupling, Tamper-Proof Plugs, 4-pin M12 Connector			
Certifications	UL, cUL, CE, GL			

Visit pfannenbergusa.com for further details and specific part numbers.

PATROL Sounder Features:



Complete unit (assembled) | Acoustic module (enclosure cover) | Base box

Unique enclosure fasteners:

- 3/8-turn fasteners ❶ permit quick and easy assembly.
- Fasteners are captivated so they cannot be dropped or lost.
- Optional tamper-proof fastener plugs protect the unit from unauthorized alteration.
- Fastener appearance reveals whether “closed” (x) or “open” (+).

Enclosure sealing integrity:

- Pour-in-place gasket ❷ is permanently adhered to the enclosure cover so the gasket will never get dropped or lost.
- Enclosure fasteners ❶ are outside of the sealing area to ensure that the IP rating is not compromised by fastener holes.

Error-free electrical connections:

- Screw terminal strip ❸ is located in the base-box portion of the enclosure allowing for easy, one person installation - a clumsy, third hand is not needed.
- Acoustic driver electrically connects to the base-box through an integrated mechanical keyway ❹ and multi-pin electrical connector ❺ to ensure a proper assembly every time.
- No dangerous voltage is ever exposed.
- No loose wires are present between the base-box and acoustic driver which could be pinched upon final assembly.
- A redundant set of electrical screw terminal connections ❸ supports daisy-chaining of multiple devices.
- Knockouts are provided on multiple sides to support a variety of wiring and interconnection scenarios.

Numerous mounting options:

- Integrated external flange ❻ is stronger than mounting lugs.
- An assortment of internal pilot marks ❼ offer worldwide compatibility with a variety of standard electrical workboxes.
- Entire device can be wall mounted or surface mounted.
- Acoustic module ❽ by itself can be flush mounted to an enclosure panel or door with optional panel mounting kit.

Vast selection of integrated tones:

- Choose from 80 unique tones by DIP switch setting ❾.
- Multiple tone stages permit the same device to emit up to four different alarms based on circumstance.
- Internal volume control ❿.

Improved acoustic driver:

- Sound capsule technology delivers more low frequency punch than piezoelectric elements for superior sound penetration through walls, doors, and other obstructions.

Extreme environment compatibility:

- NEMA type 4/4X and IP 66 rating survives exposure to dust, liquids, water spray, and corrosives.
- -40 to +131 °F (-40 to +55 °C) temperature range.
- High strength housing is a blend of ABS and polycarbonate plastic that is flame retardant and UV stabilized.

Worldwide certifications for universal acceptance:

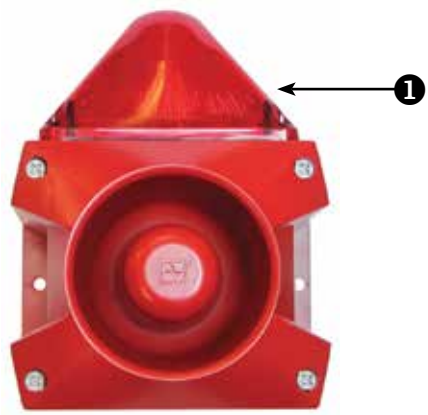
- UL, cUL, FCC, CE, VdS, GL, EN 54-3.

PATROL Flashing Sounders - horn/siren with strobe for improved safety.

PATROL Combination Sounders with 80 tones, 4 tone stages, and Flashing Strobe Light. Flame-retardant, ABS/polycarbonate housings.				
Housing Colors: Red, Light Grey, or White				
Model	PA X 1	PA X 5	PA X 10	PA 20
Nominal Sound Output	100 dB	105 dB	110 dB	120 dB
Flash Energy	5 Joules	5 or 10 Joules	10 or 15 Joules	10 or 15 Joules
Light Intensity (clear)	44 cd	47 cd (5 J) / 92 cd (10 J)	129 cd (10 J) / 190 cd (15 J)	129 cd (10 J) / 190 cd (15 J)
Lens Colors Available	clear, white, yellow, amber, red, green, blue			
Ingress Protection	IP 66, Type 4, 4X			
Operating Voltages (Flash Energy) and Prices	24 VDC (5 J) : $260.00 115 VAC (5 J) : $270.00 230 VAC (5 J) : $270.00	24 VDC (5 J) : $345.00 115 VAC (5 J) : $345.00 230 VAC (5 J) : $345.00	24 VDC (10 J) : $495.00 115 VAC (10 J) : $495.00 230 VAC (10 J) : $495.00	24 VDC (15 J) : $795.00 115 VAC (15 J) : $795.00 230 VAC (15 J) : $795.00
Options	Surface Mount Gasket, Shock and Vibration Hardened, Enclosure Coupling, Tamper-Proof Plugs			
Certifications	UL, cUL, CE, GL	UL, cUL, CE, GL	UL, cUL, CE, GL	UL, cUL, CE, GL

Visit www.pfannenbergusa.com for further details and specific part numbers.

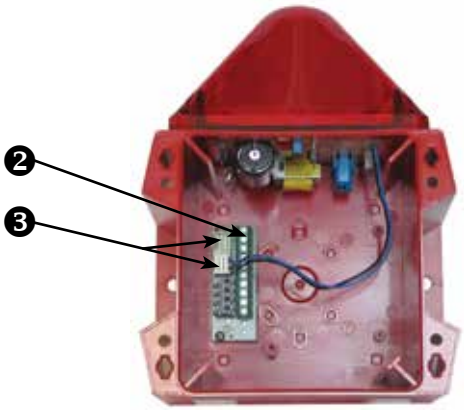
PATROL Flashing Sounder Features:



Complete unit (assembled)



Acoustic module (enclosure cover)



Base box with strobe light

Integral Strobe Light:

- Xenon flashing strobe light ❶ is part of the original design inception, rather than a bolted on afterthought. As such, the strobe light is more visible. Additionally, the light's intensity is properly sized to match the amplitude of the associated sounder. 5, 10, and 15 Joule flash energies are available.

Strobe Light Connections made from Single Terminal Strip:

- Pre-wired strobe light connections are made at the terminal strip ❷ that is also the electrical connection point for the sounder. Since all connections are made from one common connection point, installation is quicker and easier.

Choice of Alarm Action - Combined or Separate:

- A selection of receptacles ❸ for the strobe light connector offers a choice of wiring schemes and alarm action. The light can either be activated in conjunction with the sounder or separately from it. Separate operation is often desired to silence the sounder after a certain elapsed time while the light continues to flash.

Lifespan Exceeds 8,000,000 Flashes:

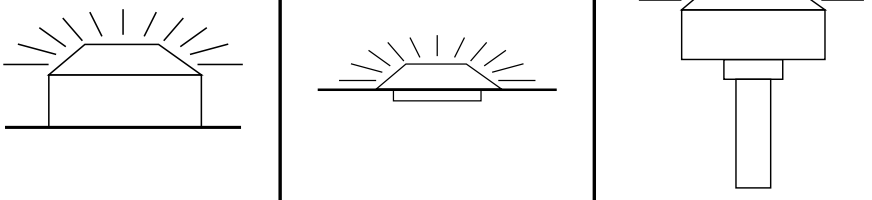
- The superior technology behind Pfannenberg's flashing strobe lights permit an unrivaled life span of 8,000,000 flashes while retaining greater than 70% light emission.

PYRA Flashing Strobe Lights with a Variety of Mounting Capabilities

PYRA Flashing Strobe Lights with Flame-retardant, UV-resistant housings made of ABS/polycarbonate blend.			
Housing Colors: Red, Light Grey, or White			
Model	**PY X-M**	**PY X-MA**	**PY X-S-05**
Flash Energy	5 Joules /10 Joules	5 Joules /10 Joules	5 Joules
Light Intensity (clear)	44 cd / 118 cd	44 cd / 118 cd	44 cd
Sound	n/a	100 dB sounder with 8 tones	n/a
Ingress Protection	IP 66 Type 4, 4X	IP 66 Type 4, 4X	IP 66 Type 4, 4X
Lens Colors Available	clear, white, yellow, amber, red, green, blue	clear, white, yellow, amber, red, green, blue	clear, white, yellow, amber, red, green, blue
Operating Voltages (Flash Energy) and Prices	12 VDC (5 J) : $170.00; (10 J) : $195.00 24 VDC (5 J) : $170.00; (10 J) : $195.00 115 VAC (5 J) : $150.00; (10 J) : $175.00 230 VAC (5 J) : $150.00; (10 J) : $175.00	12 VDC (5 J) : $235.00; (10 J) : $250.00 24 VDC (5 J) : $235.00; (10 J) : $250.00 115 VAC (5 J) : $235.00; (10 J) : $250.00 230 VAC (5 J) : $235.00; (10 J) : $250.00	12 VDC (5 J) : $135.00 24 VDC (5 J) : $135.00 115 VAC (5 J) : $135.00 230 VAC (5 J) : $135.00
Options	Flush/Panel Mount Kit, Surface Mount Gasket, Enclosure Coupling, Tamper-Proof Plugs	Surface Mount Gasket, Enclosure Coupling, Tamper-Proof Plugs	Flush/Panel Mount Kit, Surface Mount Gasket, Shock and Vibration Hardened, Enclosure Coupling, Tamper-Proof Plugs
Certifications	UL, cUL, CE	UL, cUL, CE	UL, cUL, CE, GL

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PYRA lights support a variety of installation techniques.



Surface Mount	Flush Mount	Pole Mount

PYRA lights offer 180° x 360° visibility.



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