

HORN / STROBE

SHA-24



Key Features

- Weatherproof design for outdoor or washdown installations
- 24 VDC operation
- Separate horn and strobe circuits allow for multiple wiring configurations
- High intensity intermittent strobe flash
- Blue strobe lens
- Field selectable horn tone – continuous , temporal or chime pattern
- Corrosion, weather and chemical resistant enclosure for washdown areas
- Labeled for ammonia, but sticker can be removed to utilize unit for other gases

High visibility in a weather-proof package.
The perfect addition to your gas detection system.

The SHA series horn/strobe is designed to provide audible/visual signal for life safety and property protection. They meet or exceed NFPA/ANSI standards and UL464/UL1638.

The horn provides either a continuous tone or a temporal pattern tone. The horn and strobe can be connected independently or in unison. The horn can be silenced while the strobe remains flashing.

The SHA series horn/strobe is housed in a durable poly enclosure, able to withstand weather and washdown environments. A weatherproof mounting backbox is included.

SPECIFICATIONS

STROBE INTENSITY: 65 Candela

SOUND OUTPUT: 100 dB @ 10 ft

FLASH RATE: 1 flash per second

SUPPLY VOLTAGE: +24 VDC @ 150 mA using default settings (detailed on page 2)

OPERATING TEMPERATURE: -40°F - +150°F

APPROVALS: UL1638

Designed to meet or exceed ANSI/NFPA standards and ADA accessibility guideline

HORN / STROBE SHA-24

Wiring Diagram

The SHA-24 can be wired to operate the horn and strobe together or as two individual circuits.

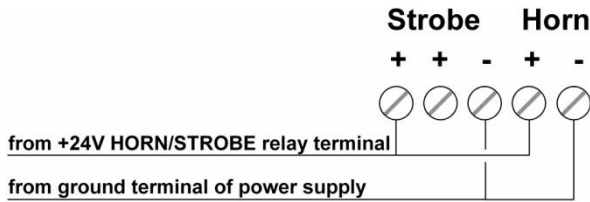


Figure 1

Strobe and Horn to operate together

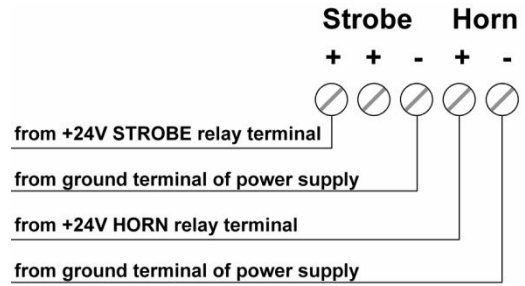


Figure 2

Strobe and Horn to operate independently

Dipswitch Settings

The SHA-24 is shipped with default settings for 4-wire operation and optimal horn settings. The following describes the dipswitch settings.

Horn/strobe operation:

- 1 and 2 ON = Horn/strobe on 2 wires
- 1 and 2 OFF = Horn and Strobe on 4 wires

Volume:

- 6 ON = High
- 6 OFF = Low

Tone/Pattern:

TONE	SWITCH POSITION		
	3	4	5
Mechanical Temporal 3	ON	ON	ON
Mechanical - Continuous	OFF	ON	ON
2400Hz - Temporal 3	ON	OFF	ON
2400Hz - Continuous	OFF	OFF	ON
Chime - Temporal 3	ON	ON	OFF
Chime - Continuous	OFF	ON	OFF
Whoop	ON	OFF	OFF
Whoop	OFF	OFF	OFF

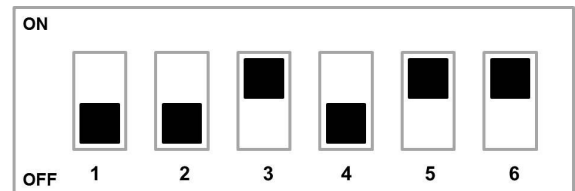


Figure 3
Default settings

*100 dB based on anechoic rating using default switch settings as shown. Anechoic dBA is measured on axis in a non-reflective (free field) test room using fast meter peak response. Reverberant dBA is a minimum UL rating based on sound power measurements in a reverberant test room.