

# MALLORY



1000189QM13  
REGISTERED FIRM  
ISO 9001:2015  
DQS Inc.  
Mallory Sonalert Products, Inc.



Made In The USA

MALLORY SONALERT PRODUCTS, INC.

## IEC 60601-1-8 Medical Demo's Available



Mallory's [MSW Series](#) of medical alarms, introduced in [April](#), are now available for purchase through Mallory's authorized [distributors](#). These 3.3 to 5.5 Vdc rated alarms provide 1 to 3 medical **priority** sounds depending on the model chosen. Additionally, there are models that combine 1 or 2 medical tones with a 2500 Hz **standard** sound suitable for non-medical audible indication needs.

The MSW Series, sized 23 x 13 mm, is approved by [UL](#) & [CUL](#) to comply with IEC 60601-1-8 AMD2 (2020), and they utilize the IEC provided **sound files**. These alarms feature a specially designed **acoustic** sound chamber which allows for a **loud** sound level & high-fidelity sound that cannot be achieved with a bare speaker alone.



Mallory's MSW Alarm in the black octagonal housing is mounted here on a demo board which comes with a back-side mounted battery, and three push button switches to demonstrate the low, medium, & high priority medical tones.

The MSW Series of medical alarms boasts user-friendly features and seamless integration into medical equipment designs. Mallory is now offering **demo** boards which showcase the alarm's clear and loud sounds. [Contact](#) Mallory if you need one to demonstrate its impressive performance for those involved in the design of medical equipment requiring **IEC 60601** approval.

Mallory **100% tests** each medical alarm to **verify** compliance to IEC 60601-1-8. This comprehensive testing program involves **checking** the sound level & electrical current values, **recording** the alarm-generated sounds, and **correlating** all saved data with the unique serial number specified on the alarm label.



Mallory's IEC 60601-1-8 Medical Alarms are **manufactured** in Indianapolis, Indiana with **lead-times** of stock to 4 weeks. They are [UL](#) & [CUL](#) approved, and 100% tested by Mallory to IEC 60601-1-8.

## Hazardous Location Alarms



For applications where a spark can cause a fire or explosion, Mallory's [SCH Series](#) of audible alarms is qualified by [UL](#) and [CUL](#) for Class I Div II Groups A, B, C, & D hazardous location applications. These alarms mount in a 30mm hole, and are equipped with a **neoprene** gasket, ensuring **NEMA 4X** waterproof protection. Electrical connection to the alarm is made to the two backside **screw** terminals which are **sealed** completely into the alarm with epoxy.

**Hazardous** location models are available with:

- **Voltages** ranging from 1 Vdc to 250 Vac
- 1900 Hz, 2900 Hz, & 4500 Hz sound **frequencies**
- Sound **levels** varying from soft to extra-loud
- Various sound types including the **popular** continuous tone as well as pulsing tones, chimes, & sirens



With 55 available models, selecting the right one for your application has been made easy. You can utilize Mallory's [website's](#) parametric search table, [submit](#) your questions directly to Mallory, or **call** for technical assistance at **317-612-1000**. Popular models include:

Model No.	Rated Voltage	Sound Type	Sound Level	Sound Freq.
<a href="#">SCH110NR</a>	120 Vac	Continuous	Extra-Loud	2900 Hz
<a href="#">SCH110R</a>	120 Vac	Continuous	Medium	2900 Hz
<a href="#">SCH250R</a>	250 Vac	Continuous	Medium	2900 Hz
<a href="#">SCH628ANPR</a>	28 Vac/dc	Fast Pulse	Extra-Loud	2900 Hz
<a href="#">SCH628DR</a>	28 Vdc	Continuous	Soft	1900 Hz
<a href="#">SCH628NR</a>	28 Vdc	Continuous	Loud	2900 Hz
<a href="#">SCH628R</a>	28 Vdc	Continuous	Medium	2900 Hz

### Applications:

Petroleum refining facilities

Solvent extraction plants

Oil well equipment

Hydrogen operations

Dip tanks

Petroleum dispensing areas

Dry cleaning plants

Utility gas plants and operations

Spray finishing areas



Mallory's **SCH Hazardous Location** series is made-in-the-USA. These models are [UL](#) & [CUL](#) approved for Class I DIV II Groups A, B, C, & D applications. Additional approvals include **NEMA 3R, 4X, & 12**. **Lead-times** are 1 week or less.