

Fire Alarm Strobe Lights for High-Noise Areas

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Safety & First Aid



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(System_Sensor_SpectrAlert_Advance_low_frequency_horn-strobe_fire_alarm_notification_device.jpg)

Fire alarm strobe lights flash brightly when the alarm sounds, adding a visual alert for the high-noise areas of the workshop where sirens may not be heard over machines and extractors. They ensure the fire signal reaches everyone, including hearing-impaired users.

Key Features

- High-intensity xenon or LED flashes
- Visual alarm synchronisation
- Ceiling and wall mounting
- IP rated housings
- Integration with the fire panel

Typical Uses in the Workshop

- Alert noisy machine bays to fire alarms
- Provide visual alarm for hearing-impaired users
- Support workshop fire evacuation
- Cover blind spots near loud equipment

Safe Operation

1. Mount in view of the work area
2. Connect to the fire alarm panel circuit
3. Test with the panel weekly
4. Confirm the flash is visible from the benches
5. Replace failed units promptly

SAFETY NOTES

- Strobes can trigger photosensitive conditions - spec carefully
- Connect only certified fire alarm devices
- Keep units clear of heads and shelves
- Test the strobe in the weekly alarm test
- Log the tests with the fire records

Maintenance & Consumables

- Check the strobe fires in the weekly test
- Clean the lens and casing
- Check the wiring and mounting
- Replace failed units with the certified type
- Record the maintenance

Specification & Buying Notes

Buy strobe lights matched to the fire alarm panel and the school's alarm standard. Quality units sync and last; cheap strobes desync and fail young. Install per the fire system design.