



### Smoke Detector



**CL-180**

#### Photoelectric Smoke Detector

CL-180 is a conventional smoke detector that uses a computer designed smoke chamber that allows unhampered smoke entry and reduced false alarm. This device is low profile, modular type in ivory white perfect for office, building or even house's simple and clean aesthetic. It can react to invisible smoke at the earliest stage of fire. Designed for two-wire connection with low current consumption and with base options for supplementary relay and 3 or 4 wire connection for use of remote indicator.

#### Specifications

Input Voltage Range	:	16 - 32V DC
Alarm Current	:	60mA max.
Standby Current	:	60µA avg. to 90µA peak @ 24V DC
Environmental Temp.	:	32°F - 140°F
Relative Humidity	:	0~95% RH
Aux. Relay Rating	:	1A@ 24V DC
Weight	:	170 grams
Dimension	:	10.6cm (D) x 5cm (H)

### Heat Detector R/R



**CL-830**

#### Heat Detector Rate of Rise

CL-830 is designed to detect sudden or abnormal rise in temperature of air. If the ambient temperature rises rapidly, the air in chamber expands, and the air in chamber will not be able to outflow. When a fire occurs and the vent expands rapidly it will cause the diaphragm to close a switch to normally open contact to signal an alarm to the panel. It can restore itself to normally open position when the heat dissipates.

#### Specifications

Input Voltage Range	:	16 - 32 V DC
Alarm Current	:	60mA max.
Standby Current	:	0µA
Sensitivity	:	30sec @ 86°F
Environmental Temp.	:	32°F - 140°F
Weight	:	150 grams
Dimension	:	10.6cm (D) x 4.5cm (H)

### Manual Station



**CL-202W**

#### Manual Station (Push Type)

CL-202W is an initiating device equipped with push button, LED indicator, telephone jack and reset handle. Its design to have separate base so the user can have the option to flush-mount it or install with base, indoor or outdoor. Material for casing is ABS plastic in red for visibility even in distance. Manual Push Station is designed for quick and efficient response by user/personnel in an emergency

#### Specifications

Input Voltage	:	24V DC
Alarm Current	:	100mA
Alarm confirm	:	red LED lamp
Color	:	Red
Weight	:	270 grams
Dimension	:	14cm (D) x 4cm (H)

### Strobe Siren



**CL-207L**

#### Electronic Siren with Strobelight

CL-270L is a combination of audio and visual alarm. This unit have a very high sound pitch to alarm the building occupant during emergency situation. With 6 bright LED light, the strobe lighting is visible even in a distance

#### Specifications

Input Voltage	:	24V DC
Current Consumption	:	50mA
Strobe	:	8,000mcd
Sound Output	:	100±5dB / 24V @ 3M
Tone Type	:	Alarm siren
Operating Temp.	:	-10°C~60°C
Dimension (cm)	:	8.1 (W) x 8.1 (L) x 5.2(H)

### Alarm Bell



**CL-206**

#### Motorized Alarm Bell

Alarm bells deliver high sound pressure output for fire signaling needs. CL-206 uses high quality micro-motor operating mechanism, low starting voltage and extremely low current consumption. These features enable the use of more bells per circuit and greater alarm signal distribution than other conventional bells. The operating mechanism is enclosed in molded cast plastic housing, making the bell suitable for interior application. The gong and striker provide louder output.

#### Specifications

Operating Voltage	:	24V DC
Alarm Current	:	25mA
Sound Output	:	86dB @ 1M
Weight	:	500 grams
Operating Temp.	:	-10°C~50°C
Humidity	:	0 to 95% RH
Dimension	:	6" diameter

### Electronic Siren



**SD-300**

#### Electronic Siren

SD-300 uses electronic amplifier interfaced with the horn speaker to boost the siren signal to louder sound. This device designed for external/internal application for any structure. Easy to install, flexible and low-maintenance equipment.

#### Specifications

Supply Voltage	:	24V DC
Alarm Current	:	200mA
Tones	:	Wail Sound
Sound Output (hi-pitch)	:	100dB @ 1M
Weight	:	750 grams
Operating Temp.	:	20°C~50°C
Dimension	:	10cm (D) x 8.5cm (H)