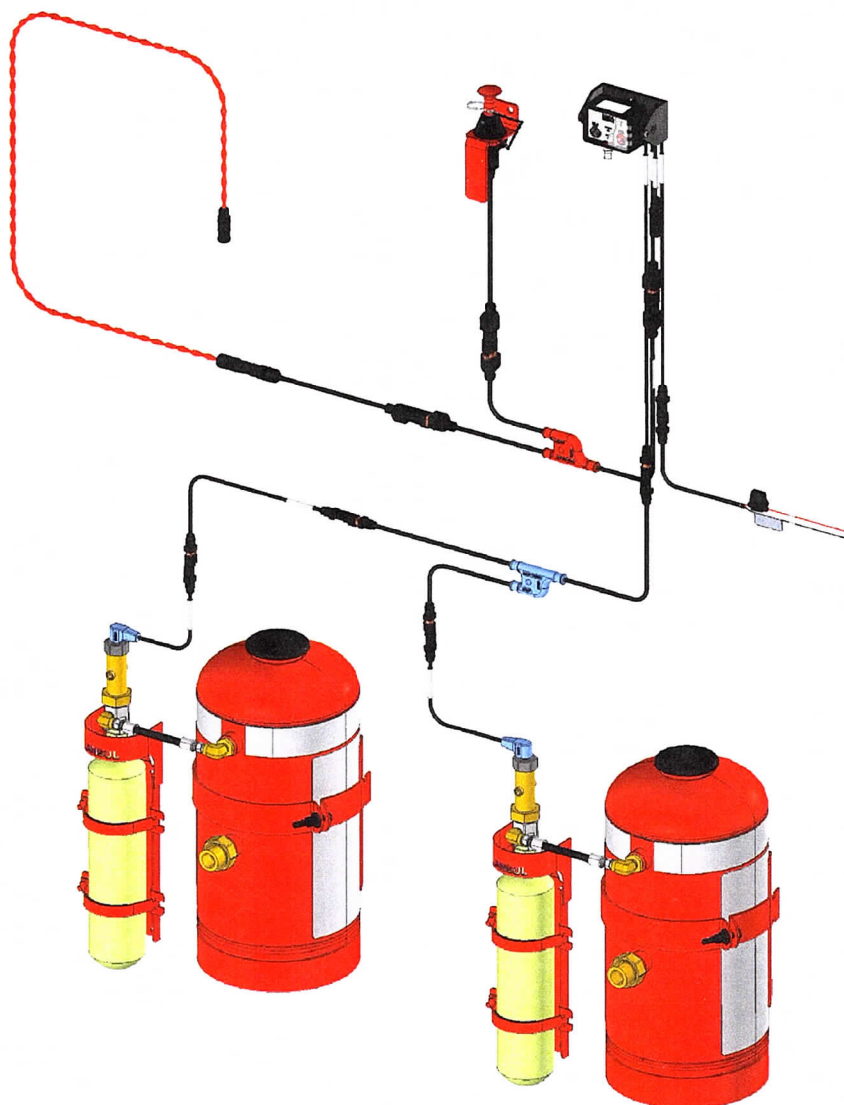


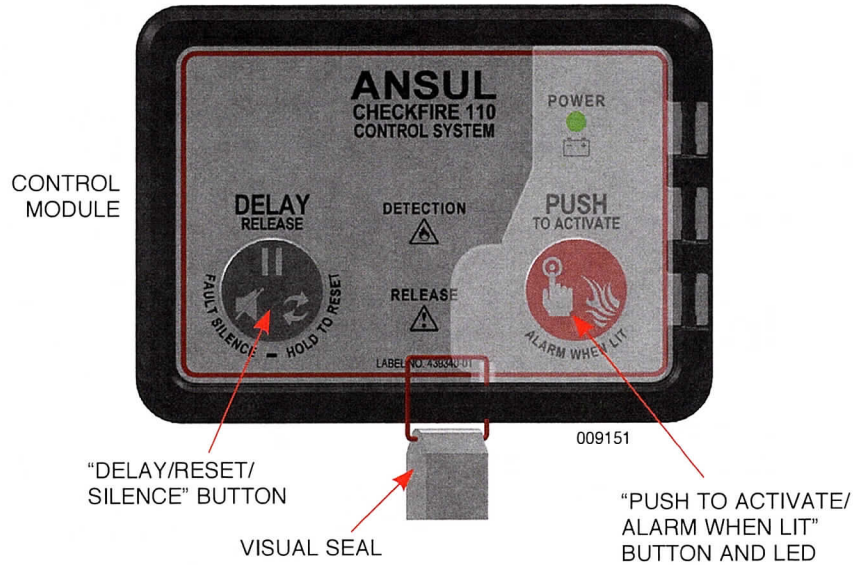
**CHECKFIRE 110 / 110-D
DETECTION AND
ACTUATION SYSTEM****OWNERS' GUIDE**

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CHECKFIRE 110 / 110-D Detection and Actuation System Owners' Guide



This vehicle/equipment is monitored with a CHECKFIRE 110 / 110-D Detection and Actuation System which is typically connected to an ANSUL® A-101 or LVS Fire Suppression System for 24-hour fire suppression. The operator of the equipment should be provided with hands-on training by Authorized ANSUL® Distributors or the end user.

This handbook is a quick-reference guide for basic operation of the CHECKFIRE 110 / 110-D system. Two buttons on the control module and manual actuators provide operator control.

Fill-In System Information (as installed)

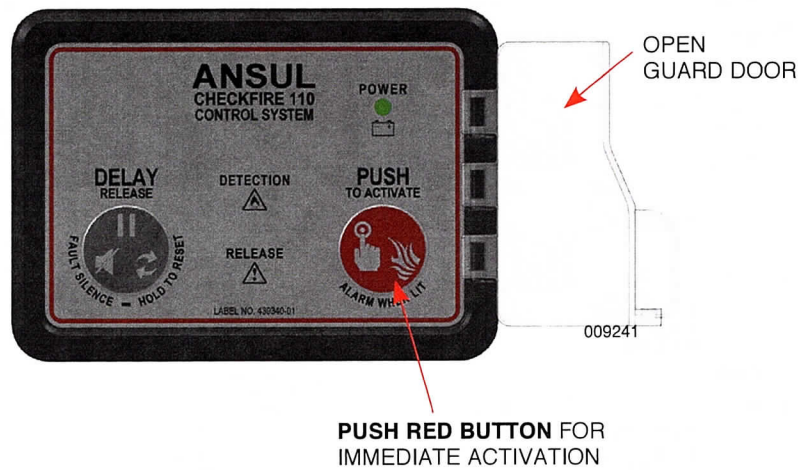
External Power Supply (vehicle battery, power panel, etc.):

Note: Internal backup power provides approximately 72 hours of power during normal operating conditions.

Selected Time Delay Period (seconds): ☐ 5 ☐ 15

Pressure Switch Auxiliary Operation: _____

IN CASE OF FIRE: Manual Actuation



- 1) Safely bring equipment to complete stop, set brake and shut off engine.
- 2) Break visual seal and open guard door.
- 3) Push the red "PUSH To Activate / Alarm When Lit" button.
- 4) Release circuit immediately activates the connected fire suppression system (if included, pressure switch activates auxiliary operation). **See Note below.**
- 5) Safely exit equipment and stand-by with supplemental firefighting equipment.
- 6) Optional manual actuation: Pull ring pin and strike red button on electric or pneumatic manual actuator.

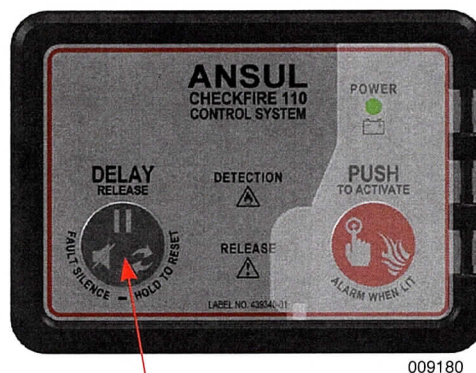
Note: The red "PUSH To Activate / Alarm When Lit" LED and sounder remain steady-on for 10 sec. during initiation (release) of fire suppression system. Post release: "PUSH To Activate/ Alarm When Lit" and Release LEDs and sounder continue to pulse 1 x 10 sec. If safe to re-enter equipment, push "DELAY/ Reset/Silence" button to silence sounder for two hours.

Fill-In System Information (as installed)

Electric or Pneumatic Manual Actuator Location(s):

IN CASE OF FIRE: Automatic System Operation

- 1) Detector(s) registers alarm condition in the hazard area and initiates the time delay on the control module.
- 2) "PUSH To Activate / Alarm When Lit" LED and sounder:
 - a. Pulse 2 x 1 sec. until last 5 sec. of Time Delay; then pulse 4 x 1 sec. during final 5 sec. **To restart time delay press and release DELAY/RESET/SILENCE (Grey) button (see below for more information).**
 - b. After time delay, "PUSH To Activate / Alarm When Lit" LED and sounder are steady-on for 10 sec. during initiation (release) of fire suppression system (if included, pressure switch activates auxiliary functions).
- 3) As soon as time delay begins: Safely stop equipment, set brake, shut off engine, and exit. Standby with supplemental firefighting equipment.

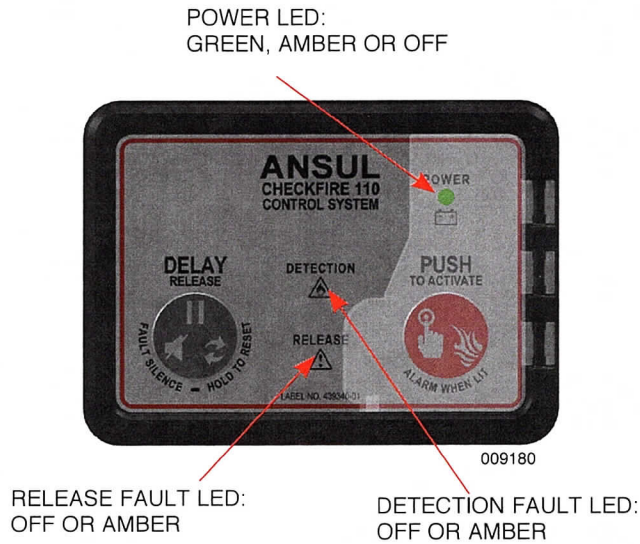





**PUSH GREY BUTTON TO
RESTART TIME DELAY**

DELAY/RESET/SILENCE (Grey) Button

- 1) **Restart Time Delay:** Press and release to restart the time delay cycle during alarm condition.
 - a. Must be initiated before release circuit activates.
 - b. **Note:** Press and hold will not extend time delay period.
- 2) **Silence sounder (post discharge or fault notification) for two hours:** Press and release to silence sounder; LED fault indication will continue until fault is cleared. Any new fault or detection event will reactivate sounder.
- 3) **Reset function** is for Authorized ANSUL® Distributor service technician.

FRONT PANEL INDICATORS



- 1) Power LED 
 - a. Green steady-on indicates normal external power.
 - b. Amber pulsing 1 x 30 sec. indicates external power fault; Sounder auto-silences after 10 min. to conserve power.
Amber pulsing 1 x 10 sec. indicates internal power fault; sounder auto-silences after 10 min. to conserve power.
Power fault will continue for up to 72 hours as long as fault exists or until unit powers down.
Contact Authorized ANSUL® Distributor for service.
 - c. Off indicates no system power.
- 2) Release  and Detection  Fault LEDs
 - a. Off indicates normal status.
 - b. Amber pulsing with sounder indicates a fault condition.

CAUTION

Any fault indication may cause the fire detection and actuation system to not function properly; immediately contact an Authorized ANSUL® Distributor for service.

FRONT PANEL INDICATORS (Continued)

- 3) Red "PUSH" To Activate / Alarm When Lit" LED (sounder matches pulse rate).



- Pulsing 2 x 1 sec. indicates Alarm Condition and time delay starts countdown (last 5 sec. pulsing increases to 4 x 1 sec.).
- Steady-on for 10 sec. indicates Release Activated.
- Pulsing 1 x 10 sec. indicates Post Release Activated.
- LED is also a button, see page 2 for manual activation of fire suppression system.

- 4) DELAY/Reset/Silence Button



- Icons on button represent options for system control.



During Time Delay, press button to **restart** Time Delay.



When sounder is pulsing, press button to **silence**.



Press and hold button for 3 sec. to **reset** system.