Reference Guide
for the
D8024 Analog
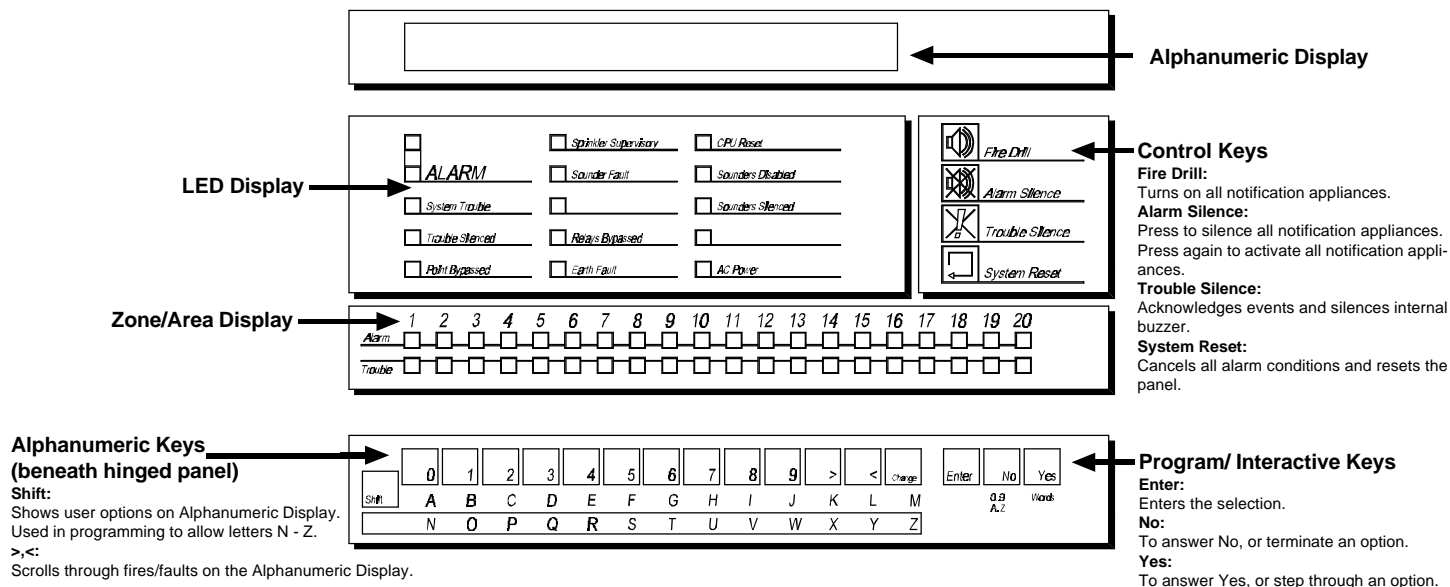## Fire Alarm Control Panel

Local Service Representative

Name _____

Address _____

_____

Phone _____

D8024 Control Levels

- The D8024 FACP has three available control levels. At all three levels, the LED Display indicates conditions, the Zone/Area LEDs indicate location and detailed alarm/trouble information is displayed alphanumerically.

- **Control Level One**, the Display Level, inhibits the system control keys, limiting the front panel function to annunciation only.

- **Control Level Two**, the Controller Level, allows system control for Fire Drill, alarm Silence, Trouble Silence and System Reset. Level Two also allows Test and Enable/Disable operations, but does not allow access to configuration or programming functions. The Alphanumeric Display becomes interactive at Level Two, and prompts for system checks, log functions and key status. **Level Two can only be reached by entering a passcode from Level One.**

- **Control Level Three**, the Programmer Level, allows full system configuration information, and it is used to program the system or to modify the program. **Level Three can only be reached by passcode from Levels One and Two.**

- Consult the *D8024 Operator's Guide* (P/N: 35394) for more details on Control Level distinctions and functions.

Alphanumeric Display

LED Display

□ Sprinkler Supervisory   □ CPU Reset
□ ALARM   □ Sounder Fault   □ Sounders Disabled
□ System Trouble   □   □ Sounders Silenced
□ Trouble Silenced   □ Relays Bypassed   □
□ Point Bypassed   □ Earth Fault   □ AC Power

Control Keys

Fire Drill
Alarm Silence
Trouble Silence
System Reset

Fire Drill:
Turns on all notification appliances.
Alarm Silence:
Press to silence all notification appliances. Press again to activate all notification appliances.
Trouble Silence:
Acknowledges events and silences internal buzzer.
System Reset:
Cancels all alarm conditions and resets the panel.

Zone/Area Display

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Alarm □
Trouble □

Alphanumeric Keys (beneath hinged panel)

Shift:
Shows user options on Alphanumeric Display. Used in programming to allow letters N - Z.
>,<:
Scrolls through fires/faults on the Alphanumeric Display.

0	1	2	3	4	5	6	7	8	9	>	<	Change	Enter	No	Yes
Shift	A	B	C	D	E	F	G	H	I	J	K	L	M	0-9 A-Z	Words
	N	O	P	Q	R	S	T	U	V	W	X	Y	Z		

Program/ Interactive Keys
Enter:
Enters the selection.
No:
To answer No, or terminate an option.
Yes:
To answer Yes, or step through an option.

D8024 FACP Controls and Displays

- The D8024 Analog Fire Alarm Control Panel (FACP) has two rows of control keys. The vertical row of Control Keys contains the four System Control Keys for Fire Drill, Alarm Silence, Trouble Silence and System Reset. Opening the hinged panel below the Zone/Area Display provides access to the Alphanumeric Keys and the three Program/ Interactive Keys.

- The upper display, the Alphanumeric Display, is an illuminated two-line, 80-character display that gives detailed information on system events and status, and displays interactive prompts.

- The middle display, the LED Display, indicates they type of system event and status.

- The lower display, the Zone/Area LED Display, indicates the location and type (alarm or trouble) of event.

- The Alphanumeric Keys (beneath the hinged panel) normally function as number keys. To use the keys as letter keys, press the Change Key at the right end of the alphanumeric key row. The Shift Key at the left end of the Alphanumeric Keys toggles between the upper and lower rows of letters. Hold the Shift Key when pressing another key to enter the bottom letter.

Passcodes

- Ten passcodes are available for D8024 Controllers. Passcodes are programmable. The Level Two passcode is assigned or changed from Level Three. See the *Analog Fire Alarm Control Panels Programming Guide* (P/N: 38789) for passcode details.

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