Chapter 3

Operating instructions

Summary

This chapter provides instructions for operating the control panel.

Content

Instructions for the Level 1 operator (public mode access)

Tasks that do not require you to log in

What is it you want to do	This is how you do it
Silence the panel trouble buzzer	Press Panel Silence.

Get a list of all the active points on a panel	1. Press Status.
	2. Choose All Active to get a list of all the active points.
	  Choose Alarm to get a list of only the active alarm points.
	  Choose Supervisory to get a list of only the active supervisory points.
	  Choose Monitor to get a list of only the active monitor points.
	3. Press DEL to backspace the cursor then enter the panel number.
	4. Choose Display to view the list on the CPU/Display unit.
	  — or —
	  Choose Printer to print the list.

Identify points that are in trouble	1. Press Status.
	2. Choose Trouble
	3. Press DEL to backspace the cursor then enter the panel number.
	4. Choose Display to view the list on the CPU/Display unit.
	  — or —
	  Choose Printer to print the list.

Identify active points in a Service Group that is being tested	1. Press Status.
	2. Choose Test.
	3. Press DEL to backspace the cursor then enter the panel number.
	4. Choose Display to view the list on the CPU/Display unit.
	  — or —
	  Choose Printer to print the list.

Tasks that do not require you to log in

What is it you want to do	This is how you do it
Identify points that are disabled	1. Press Status. 2. Choose Disabled Pts. 3. Press DEL to backspace the cursor then enter the panel number. 4. Choose Display to view the list on the CPU/Display unit. — or — Choose Printer to print the list.
Identify output devices that are turned on	1. Press Status. 2. Choose Outputs 3. Press DEL to backspace the cursor then enter the panel number. 4. Choose Display to view the list on the CPU/Display unit. — or — Choose Printer to print the list.
Verify power supply voltage levels	1. Press Status. 2. Choose Internal 3. Press Enter. 4. Choose Display to view the list on the CPU/Display unit. — or — Choose Printer to print the list.
Get a list of smoke detectors that require servicing (DIRTY attribute greater than 80%)	1. Press Menu. 2. Choose Reports > Maintenance > Dirty>80%. 3 Enter the panel number. 4. Choose Display to view the list on the CPU/Display unit. — or — Choose Printer to print the list.

Tasks that do not require you to log in

What is it you want to do	This is how you do it
Get a list of smoke detectors that may require servicing (DIRTY attribute greater than 20%)	1. Press Menu. 2. Choose Reports > Maintenance > Dirty>20%. 3 Enter the panel number. 4. Choose Display to view the list on the CPU/Display unit. — or — Choose Printer to print the list.
Get the attributes for a single smoke detector	1. Press Menu. 2. Choose Reports > Maintenance > Single Device. 3. Enter the panel number. 4. Choose Display to view the list on the CPU/Display unit. — or — Choose Printer to print the list.
Get the attributes for every smoke detector on a single SLIC	1. Press Menu. 2. Choose Reports > Maintenance > Card Devices. 3 Enter the panel number. 4. Choose Display to view the list on the CPU/Display unit. — or — Choose Printer to print the list.
Perform a lamp test	1. Press Menu. 2. Choose Test > Lamp Test.

Instructions for the Level 2 operator (emergency mode access)

Tasks that require you to log on as a Level 2 operator

What is it you want to do	This is how you do it
Log onto the panel as a Level 2 operator	Turn the Enable Controls key 1/4 of a turn clockwise. — or — 1. Press Menu. 2. Choose Login then enter the password required for Level 2 access.
Reset the panel	Press System Reset.
Turn off alarm signaling circuits when the panel is in alarm (Alarm Silence)	Press Alarm Silence.
Turn on alarm signaling circuits when the panel is not in alarm (Drill)	Press Drill then Enter.
Get a list of all events processed on a panel	1. Press Menu. 2. Choose Reports > History. 3. Enter the panel number. 4. Choose Display to view the list on the CPU/Display unit. — or — Choose Printer to print the list.
Change the password required for Level 1 access	1. Press Menu. 2. Choose Program > Edit Password > Level 1. 3. Enter the new password.
Switch automatic detectors to their alternate sensitivity settings	1. Press Menu. 2. Choose Activate > Alt Sens.
Switch automatic detectors to their primary sensitivity settings	1. Press Menu. 2. Choose Restore > Prm Sens.

Tasks that require you to log on as a Level 2 operator

What is it you want to do	This is how you do it
Distribute event records according to their alternate message routing	1. Press Menu. 2. Choose Activate > Alt Msg Route.
Distribute event records according to their primary message routing	1. Press Menu. 2. Choose Restore > Prm Msg Route.
Disable a Zone	1. Press Menu. 2. Choose Disable > Zone. 3. Select a Zone from the pick list then press Enter.
Enable a Zone	1. Press Menu. 2. Choose Enable > Zone. 3. Select a Zone from the pick list then press Enter.
Disable a device	1. Press Menu. 2. Choose Disable > Device. 3. Enter the device address, where: PP is the panel number (01) CC is the card number DDD is the circuit or device number
Enable a device	1. Press Menu. 2. Choose Enable > Device. 3. Enter the device address, where: PP is the panel number (01) CC is the card number DDD is the circuit or device number

Instructions for the Level 3 operator (maintenance mode access)

Tasks that require you to log on as a Level 3 operator

What is it you want to do	This is how you do it
Log onto the panel as a Level 3 operator	1. Press Menu. 2. Choose Login then enter the password required for Level 3 access.
Change the password required for Level 2 access	1. From the Main Menu, select Program. 2. Select Edit Password. 3. Select Level 2 then enter the new password.
Get a list of all the hardware and software components installed on a panel and their revision levels	1. Press Menu. 2. Choose Reports > Revision. 3. Enter the panel number. 4. Choose Display to view the list on the CPU/Display unit. — or — Choose Printer to print the list.
Set the system time and date	1. Press Menu. 2. Choose Program > Time/Date. 3. Choose Enter Time, then press DEL until the display shows HHMMSS. Enter the time in 24–hour format where HH is the hour, MM is the minutes, and SS is the seconds. **Example:** To set the time for 1:00 p.m., enter 130000. 4. Select Enter Date. Enter the date where MM is the number of the month, DD is the date, and YYYY is the year. **Example:** To set the date for January 1, 2001, enter 01012001.

Tasks that require you to log on as a Level 3 operator

What is it you want to do	This is how you do it
Turn on an output circuit **Note:** A typical system may assign manual override functions a high priority level, alert responses a low priority, and alarm responses a medium priority.	1. Press Menu. 2. Choose Activate > Output. 3. Enter the output circuit's address, where PP is the panel number, CC is the card number, and DDD is the circuit number. 4. Choose Steady to change the circuit's output to always on Choose 20 BPM to change the circuit's output to a 20 beat per minute signal rate (On = 2–1/2 s; Off = 2–1/2 s). Choose 120 BPM to change the circuit's output to a 120 beat per minute signal rate (On = 1/4 s; Off = 1/4 s). Choose Temporal to change the circuit's output to a 3–3–3 pattern. 5. Choose High Priority.
Turn off an output circuit	1. Press Menu. 2. Choose Restore > Output. 3. Enter the output circuit's address, where PP is the panel number, CC is the card number, and DDD is the circuit number. 4. Choose Off.
Turn an LED on	1. Press Menu. 2. Choose Activate > LED. 3. Choose one of the following: Steady to turn the LED on Fast Blink to have the LED flash at a fast rate Slow Blink to have the LED flash at a slow rate 4. Enter the LED's address where GG is the group number, SS is the switch number, and L is the LED number.
Turn an LED off	1. Press Menu. 2. Choose Restore > LED. 3. Choose Off 4. Enter the LED's address where GG is the group number, SS is the switch number, and L is the LED number.

Tasks that require you to log on as a Level 3 operator

What is it you want to do	This is how you do it
Disable or enable an And Group, Matrix Group, or Time Control	1. Press Menu. 2. Choose Disable or Enable. 3. Choose And if an And group, Matrix if a Matrix group, or Time Control if a time control. 4. Pick a group from the appropriate list and press Enter.
Disable or enable a switch on a zone display	1. Press Menu. 2. Choose Disable > Switch. — or — Enable > Switch. 3. Enter the switch address, where GG is the group number, and SS is the switch number.
Disable or enable the mapping function on an SLIC	1. Press Menu. 2. Choose Disable > Loop Mapping. — or — Enable > Loop Mapping. 3. Enter the card address for the SLIC.
Start a Service Group test	1. Press Menu. 2. Choose Test > Start Test. 3. Select a Service group from the pick list and press Enter.
Cancel a Service Group test **Note:** The panel automatically resets after you cancel a test.	1. Press Menu. 2. Choose Test > Cancel Test. 2. Select a Service group from the pick list and press Enter.

Instructions for the Level 4 operator (service mode access)

What is it you want to do	This is how you do it
Log onto the panel as a Level 4 operator	1. Press Menu. 2. Choose Login then enter the password required for Level 4 access.
Change the password required for Level 3 access	1. Press Menu. 2. Choose Program > Edit Password > Edit Password 3. Choose Level 3 then enter the new password.
Change the password required for Level 4 access	1. Press Menu. 2. Choose Program > Edit Password > Edit Password 3. Choose Level 4 then enter the new password.
Restart a panel	1. Press Menu. 2. Choose Program > Restart > Panel 3. Enter the panel's address.
Reset the alarm history counter	1. From the Main Menu, select Program. 2. Select Reset. 3. Enter the panel's address.

QuickReference list

What is it you want to do	Required access level			
	L1	L2	L3	L4
Change smoke detector sensitivity settings to their alternate values		✓	✓	✓
Change smoke detector sensitivity settings to their primary values		✓	✓	✓
Change the current state of an LED (manual override)			✓	✓
Change the current state of an output circuit (manual override)			✓	✓
Change the password required for Level 1 access		✓	✓	✓
Change the password required for Level 2 access			✓	✓
Change the password required for Level 3 access				✓
Change the password required for Level 4 access				✓
Disable or enable a device		✓	✓	✓
Disable or enable a switch on a zone display			✓	✓
Disable or enable a zone		✓	✓	✓
Disable or enable all the devices on a single card				✓
Disable or enable an And Group, Matrix Group, or Time Control			✓	✓
Disable or enable the mapping function on an SLIC			✓	✓
Get a list of all the active points on a panel	✓	✓	✓	✓
Get a list of all the hardware and software components installed on a panel and their revision levels			✓	✓
Get a list of smoke detectors that may require servicing (DIRTY attribute greater than 20%)	✓	✓	✓	✓
Get a list of smoke detectors that require servicing (DIRTY attribute greater than 80%)	✓	✓	✓	✓
Get the attributes for a single smoke detector	✓	✓	✓	✓
Get the attributes for all the smoke detectors on a single SLIC	✓	✓	✓	✓
Identify output devices that are turned on	✓	✓	✓	✓
Identify active points in a Service Group that is being tested	✓	✓	✓	✓
Identify points that are disabled	✓	✓	✓	✓
Identify points that are in their active state	✓	✓	✓	✓
Identify points that are in trouble	✓	✓	✓	✓
Log onto the panel as a Level 2 operator		✓	✓	✓
Log onto the panel as a Level 3 operator			✓	✓
Log onto the panel as a Level 4 operator				✓
Perform a lamp test	✓	✓	✓	✓

What is it you want to do	Required access level			
	L1	**L2**	**L3**	**L4**
Reset the alarm history counter				✓
Reset the panel		✓	✓	✓
Restart the panel				✓
Restore an LED to its previous state			✓	✓
Restore an output circuit to its previous state			✓	✓
Route off-normal signals to the alternate set of panels used to post messages		✓	✓	✓
Route off-normal signals to the primary set of panels used to post messages		✓	✓	✓
Set the system time and date			✓	✓
Silence the panel trouble buzzer	✓	✓	✓	✓
Start a Service Group test			✓	✓
Cancel a Service Group test			✓	✓
Turn off alarm signaling circuits when the panel is in alarm (Alarm Silence)		✓	✓	✓
Turn on alarm signaling circuits when the panel is not in alarm (Drill)		✓	✓	✓
Verify power supply voltage levels	✓	✓	✓	✓