BASIC OPERATING INSTRUCTIONS FOR THE MA3000 FIRE CONTROL PANEL WITH THE CF3000LCD KEYPAD.

Note: *Text in quotes indicates a displayed message; messages preceded and followed by asterisks indicate additional related message(s) to follow. Buttons markings are shown in brackets ([ ]).*

Note: This system uses a "smart" *menu-driven* keypad; that is, when scrolled, the keypad will display only those options that are relevant to the existing condtion.

STANDBY

This is the normal mode. The keypad will read "NORMAL'; no *reminders* ("DISABLE"; "FIRE/TEL"; "SYS TEL") will display; the green AC-POWER light will be on.

FIRE ALARM

Signal deviceswill sound. The keypad will display "∗∗FIRE∗∗", followed by the number and description of the zone in alarm, then "∗∗FIRE STATUS∗∗", then "FIRE ALARM". The "FIRE/TBL" reminder and the ALARM light will come on.

SILENCING A FIRE ALARM

Enter code and press [SILENCE] to silence the signal devices and keypad sounder. The keypad will display "FIRE SI-LENCED, followed by "∗∗FIRE STATUS∗∗", "FIRE ALARM", then "FIRE SILENCED". Another alarm will sound the signals again.

FIRE ALARM RESET

Enter code and press [INFO]. Press [NO] to continue to scroll options or [YES] to select option.

FIRE TROUBLE

The keypad will display "FIRE TROUBLE" followed by the number and description of the zone in trouble, then "∗∗FIRE STATUS∗∗", then "FIRE TROUBLE". The "FIRE/TBL" reminder will flash.

FIRE TROUBLE RESET

Enter code and press [INFO]. The keypad will display options one at a time. Press [NO] to continue to scroll options or [YES] to select option.

SUPERVISORY ALARM

The keypad will sound and display "∗∗SUPV ALARM∗∗" followed by the number and description of the fire supervisory zone in alarm, then "∗∗FIRE STATUS∗∗", then "SPRINK SUPV ALARM". This indicates that a device designed to monitor the fire alarm system is in alarm.

SUPERVISORY TROUBLE

The keypad will sound and display "∗∗SUPV TROUBLE∗∗" followed by the number and description of the supervisory zone in trouble, then "∗∗FIRE STATUS∗∗", then "SPRINK SUPV TRBL".

SUPERVISORY ALARM/TROUBLE RESET

Enter code and press [INFO].The keypad will display options one at a time. Press [NO] to continue to scroll options or [YES] to select option.

FIRE ALARM/TROUBLE CONDITIONS

The keypad will constantly display the alarm/trouble conditions still present on the system. "∗∗FIRE STATUS∗∗" will display followed by the condition(s). To determine the particular zone(s) respansible for the condition(s), enter code and press [INFO]. The keypad will display options one at a time. Press [NO] to continue to scroll options or [YES] to select option.

DISABLE/ENABLE ZONE BUTTON

For installer's use only.

ALARM TEST

Operate an initiating device. Signal devices will sound and the keypad will display an alarm. Silence the alarm and reset the device.

FIRE DRILL TEST

Enter code and press [INFO]. Press [NO] until "FIRE DRILL? (YES/NO)" appears, Press [YES]. The fire signal devices should sound. To terminate the test, enter code, then press [SILENCE]. The keypad will display "NOT NORMAL", indicating that the fire bell is active.

SYSTEM TEST

To test the keypad, hold down the[*] and [3] keys simultaneously. The three reminders ("DISABLE"; "FIRE/TEL"; "SYS TBL") will display and all screen characters will appear black. Holding the [∗] key depressed, press [3] to view different characters on the display. Press [RESET] to terminate the test.

To test fire alarm signal devices, enter code and press [INFO]. Press [NO] until "TEST ALARMS? (YES/NO)" appears. Press [YES]. Fire signal devices should sound for 2 seconds.

SYSTEM TROUBLE

When a system trouble is detected, the "SYS TBL" reminder will flash, the screen will display the system trouble, and the keypad sounder will pulse. To acknowledge the system trouble, enter code, then press [RESETI. The keypad will silence and the system trouble descrIption will clear. However If the system trouble still exists, the "SYS TEL" reminder will remain on and the screen will display "NOT NORMAL".

To determine the particular condition responsible for the system trouble, enter code, then press [INFO]. Press [No] until "DISP SYS TRBL? (YES/NO)" appears, then press [YES].

Local Service Representative: _____

Address: _____

Telephone Number: _____

Note: (1) Test system weekly! (2) If panel sounder is on, call for service. (3) A complete functional checkout of the control unit is required following any programming or reprogramming. (4) This page is to be framed and mounted adjacent to the control unit.

BASIC OPERATING INSTRUCTIONS FOR THE MA3000 FIRE CONTROL PANEL WITH THE RP3000LCD KEYPAD.

Note: *Text in quotes indicates a displayed message; messages preceded and followed by asterisks indicate additional related message(s) to follow. Buttons markings are shown in brackets ([ ]).*

STANDBY

There are two normal standby conditions for the fire system: Disarmed and Armed.

In Normal Disarmed Standby, the keypad will display "SYSTEM READY" with the green STATUS light on (no Burglary Zones faulted) or 'ZONE FAULT" with no lights on (a Burglary Zone is faulted). No reminders ("BYPASS"; "FIRE/TBL"; "SYS TBL") will be on.

In Normal Armed Standby, the keypad will display "ARMED" with the red ARMED light on. No reminders will be on. In this condition, all Burglary Zones are protected and the entire system is normal.

FIRE ALARM

Signal devices (bells, horns, etc.) will produce a distinctive fire-alarm sound. The keypad will display "∗∗FIRE∗∗" followed by the number and description of the zone in alarm, then "∗∗FIRE STATUS∗∗", then "FIRE ALARM". The "FIRE/TBL" reminder will be on.

BURGLARY ALARM

Signal devices (bells, horns, etc.) will produce a distinctive burglary alarm sound. The keypad will display "∗∗ALARM∗∗" followed by the number and description of the zone in alarm.

SILENCING A FIRE ALARM

Enter code and press [ON/OFF] to silence the signal devices, If the signal devices have been silenced and a fire alarm condition has not been reset, "∗∗FIRE STATUS∗∗" will display, then "FIRE SILENCED". Another alarm will sound the signals again.

SILENCING A BURGLARY ALARM

Enter code and press [ON/OFF) to silence signal devices. Keypad will continue to display Burglary Zone(s) that initiated the alarm. Press [RESET] to clear alarm memory. Another alarm will sound the signals again.

FIRE ALARM RESET

Enter code and press [RESET]. The keypad sounder will silence; after a brief delay, the "FIRE/TBL" reminder should clear and the keypad display should return to "SYSTEM READY" with the green STATUS light on (no Burglary Zones faulted) or "ZONE FAULT" with no lights on (a Burglary Zone is faulted).

To reset the initiating device (clear smoke from the smoke detector, etc.). enter code and press [FUNCTION] until "RESET SMOKE DEVICES" displays, then press [YES]. If the "FIRE/TBL" reminder does not clear, use the following procedure to identify the zones still in an alarm condition:

1. View the menu by entering code and pressing [FUNCTION].
2. Press [FUNCTION] until "DISPLAY FIRE ALM" appears, then press [YES].
3. Recheck the devices indicated (wait for smoke to clear from smoke detector, etc.).
4. Repeat reset initiating device procedure.

FIRE ALARM TEST

Operate a fire alarm initiating device. Signal devices will pulse and the keypad will display a fire alarm. Silence the alarm and reset the system (see above).

SYSTEM TEST

Hold down the [*] & [3] keys simultaneously. The 3 reminders ("BYPASS"; "FIRE/TBL; "SYS TBL") should appear and all the screen characters should appear black. Holding the [∗] key depressed, press [3] to view different character tests on the screen display. Press

[RESET] to terminate the test.

To test the fire alarm signal devices, enter code and press [FUNCTION] until "BELL TEST" appears. then press [YES]. Fire signal devices should sound for 2 seconds.

TROUBLE

Call for service if the fire status condition does not clear or the "SYS TBL" reminder is on.

SYSTEM TROUBLE

The panel will display the system trouble, the "SYS TBL" reminder will flash, and the keypad sounder will pulse. To acknowledge the system trouble, enter code and press [RESET]. The keypad will silence and the system trouble description will clear. However, if the system trouble still exists the 'SYS TBL reminder will remain on.

To recall the system trouble, enter code and press [FUNCTION]. Press [FUNCTION] until DISPLAY SYS TBL" appears, then press [YES].

FIRE TROUBLE

The keypad will display "∗∗FIRE TROUBLE∗∗" followed by the zone number and description of the zone in trouble, the "FIRE/TBL". reminder will flash and the keypad sounder will pulse. To reset the fire trouble, enter code and press [RESET]. The keypad will silence and the fire trouble description will clear. However, if the fire trouble still exists, the display will continue to scroll "∗∗FIRE STATUS∗∗" followed by "FIRE TROUBLE".

To recall the fire trouble, enter code and press [FUNCTION] until "DISPLAY FIRE TBL" appears, then press [YES].

SPRINKLER SUPERVISORY ALARM

Signal devices (bells, horns, etc.) will not sound. The keypad will sound and display "∗∗SUPV ALARM∗∗" followed by the number and description of the zone in alarm, then "∗∗FIRE STATUS∗∗", then "SPRINK ALARM". This indicates that a device designed to monitor the fire alarm system is in alarm. To reset a sprinkler supervisory alarm, enter code and press [RESET]. To recall a sprinkler supervisory zone still in alarm.

1. View the menu by entering code and pressing [FUNCTION].
2. Press [FUNCTION] until "DISPLAY FIRE ALM" appears, then press [YES].
3. Recheck the devices indicated (reset pull station, wait for smoke to clear from smoke detector,etc.).
4. Repeat reset initiating device procedure, at left.

SPRINKLER SUPERVISORY TROUBLE

The keypad will display "∗∗SUPV TRBL∗∗" followed by the zone number and description of the zone in trouble. To reset the sprinkler supervisory trouble, enter code and press [RESET] The keypad will silence and the sprinkler supervisory trouble description will clear. However, if the trouble still exists, "∗∗FIRE STATUS∗∗" will continue to scroll "SPRNK SUPVTRBL".

To recall the sprinkler supervisory trouble, enter code and press [FUNCTION] until "DISPLAY FIRE TBL" appears, then press [YES].

FIRE ALARM/TROUBLE CONDITIONS

The keypad will constantly display the alarm/trouble conditions present on the system. "∗∗FIRE STATUS∗∗" will display followed by the condition(s).

DISABLE/ENABLE FIRE ZONE ([BYPASS] BUTTON)

For installers use only.

Local Service Representative: _____

Address: _____

Telephone Number: _____

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