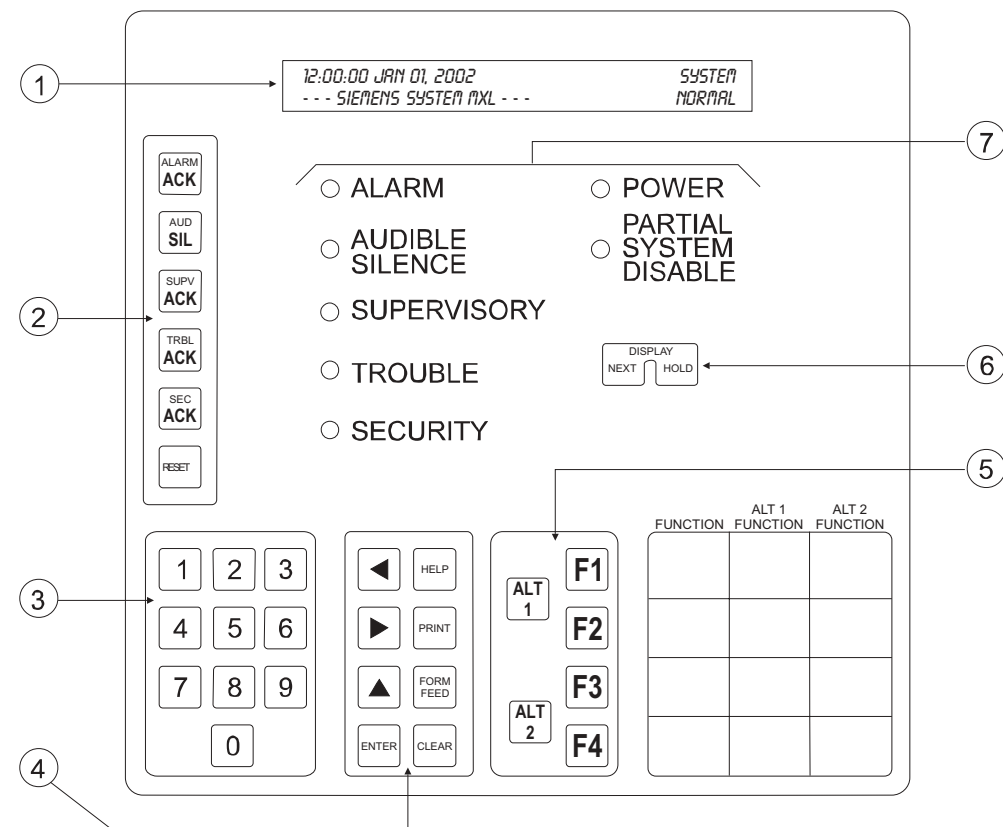


SIEMENS Model MXL/MXLV Operating Instructions

MKB-2 KEYBOARD/ ANNUNCIATOR



Internal Audible Alarm

The internal audible alarm (not visible) sounds steadily when there is an unacknowledged fire alarm. It pulses if all alarms are acknowledged, but there is at least one supervisory, trouble, or security condition.

① The Display

A two-line display of 40 characters each that shows the state of the System. A back light turns on when any key is depressed or an event is reported.

② System Control Keypad

ALARM ACK - Press to acknowledge a fire alarm.

AUD SIL - Press to alternately silence or unsilence an indicating appliance circuit.

SUPV ACK - Press to acknowledge a supervisory

TRBL ACK - Press to acknowledge a trouble.

SEC ACK - Press to acknowledge a security condition.

RESET - Press to reset the System.

③ Numeric Keypad

Use the numeric keypad (keys 0 through 9) when the System asks for a model number, device number, password, time, date, or other information. The display show each number as you press the key (except when you enter a password; the System shows an asterisk for each digit of the password that you type).

④ Command Keypad

LEFT ARROW (◀) - Press to select the item to the left of what is flashing on the display.

RIGHT ARROW (▶) - Press to select the item to the right of what is flashing on the display.

UP ARROW (▲) - Press to go back to the previous item.

ENTER - Press to select the item on which the cursor is flashing. When typing in numbers, press ENTER when finished to complete the entry.

HELP - Press to display a one-line help message.

PRINT - Print selected lists and reports.

FORM FEED - Press to advance the paper in the printer.

CLEAR - Press to cancel printing begun by pressing PRINT. The System prints: *This listing prematurely terminated.*

⑤ The Special (ALT and Function) Keypad

Use the four function keys alone or in combination with ALT 1 or ALT 2 to provide a total of 12 special functions. When using a combination, hold the ALT key down and then press the function key. The special function keys are defined using the AccuLINK Custom Software Generator. The definitions can be recorded in the box above for easy reference.

⑥ Display Keys

NEXT - Press to show the previous item in a list of Alarms, Supervisories, Troubles, or Security conditions.

HOLD - Press at any time to freeze the present display. The display remains frozen until HOLD is released.

⑦ LEDs

ALARM - This red LED flashes when there is at least one unacknowledged fire alarm; it glows steadily when all fire alarms are acknowledged.

AUDIBLES - This red LED flashes when at least one indicating appliance circuit (IAC) is active; it glows steadily when all silenceable IACs are silenced.

SUPERVISORY - This yellow LED flashes when there is at least one unacknowledged supervisory; it glows steadily when all supervisories are acknowledged.

TROUBLE - This yellow LED flashes when there is at least one unacknowledged trouble; it glows steadily when all troubles are acknowledged.

SECURITY - This yellow LED flashes when there is at least one unacknowledged security condition; it glows steadily when all security conditions are acknowledged.

POWER - This green LED glows steadily to indicate that the AC power is on; it flashes when the System is on battery backup.

PARTIAL SYSTEM DISABLE - This yellow LED glows steadily when any device is disabled.

VOICE EVACUATION

STEPS	All Call Page	Selective Zone Page	Manual All Evac	Selective Evac	All Alert	Selective Alert	All Other	Selective Other	Silence Selective Speakers
1 Press ALARM ACK to acknowledge the alarm									X
2 Press ALARM SILENCE to silence all the alarms, or silence selective zones by pressing their buttons.									X
3 Press: • ALL CALL or ALL PAGE • SELECTIVE PAGE • ALL EVAC • SELECTIVE EVAC • ALL ALERT • SELECTIVE ALERT • ALL OTHER • SELECTIVE OTHER	X	X	X	X	X	X	X	X	
4 Press buttons for zones to receive the signal. (Zone LEDs will light.) (Press again to cancel a selection.)		X		X		X		X	
5 Remove microphone from holder. Press and hold key switch.	X	X						X	
6 When pre-announce tone ends and Ready to Page LED lights, continue holding key switch and speak into the microphone.	X	X						X	
7 To disengage the selection, press: • ALL EVAC • ALL ALERT									

Using the Microphone (See Voice table above)

Select the zones for paging before pressing the microphone key; then page.

To discontinue a paging operation, release the microphone keyswitch for more than 5 seconds. All zone lights begin to flash green and the speaker zones shut off. If you release the keyswitch for less than 5 seconds, the paging operation does not discontinue.

The page function automatically cancels after 2 minutes of inactivity.

Using the Telephone

The microphone always overrides a remote telephone (Warden's Page).

Use either the master telephone or a remote telephone to page.

To page from the master telephone:

1. Press the button for the page category that applies: ALL CALL, SEL PAGE, PAGE TO EVAC, PAGE TO ALERT, or PAGE TO OTHER.

MAINTENANCE

IMPORTANT

If the system is connected to the fire department, etc., or actuates an internal system, disarm the appropriate outputs before servicing to prevent actuation (See the MXL/MXLV Manual, P/N 315-092036, for procedures). Notify personnel at your facility that a System test is being performed so that any alarm sounding can be ignored during the test. Notify the fire department before resetting the system.

We recommend the following inspection and testing schedule:

Every Six Months

1. Check the sensitivity of each detector, using the List Sensitivity menu.

2. If applicable, press zone buttons to select the zones to be paged.
3. Press PHONE PAGE.
4. Press the Push-To-Talk button on the telephone and speak when the Clear To Page LED glows.

To page from a remote telephone (Warden's Page):

1. When a person takes the remote telephone off-hook, the Call-In audible sounds at the command console.
2. At the command console press the zone's selection button to enable the remote telephone to make a page.
3. Press the Button for the page category that applies: ALL CALL, SEL PAGE, PAGE TO EVAC, PAGE TO ALERT or, PAGE TO OTHER.
4. If applicable, press zone buttons to select the zones to be paged.
5. Press WARDEN'S PAGE.
6. The person at the remote telephone presses the Push-To-Talk button on the telephone and speaks.

2. Check that all appropriate detectors are armed, using the Control Arm/Dis menu.
3. Activate a detector or alarm-initiating device. To test for GO-NO GO operation, use **SIEMENS** Test Gas, P/N 315-282747, following the instructions on the label. Check that the detector LED lights and the proper indication is given at the Control Panel.
4. Verify that an alarm can be acknowledged and that the System can be silenced and reset.
5. Verify the time and date setting of the System clock.

Every Year

1. Check that the output logic functions work in accordance with customer specifications.
2. Perform any other test required by national or local fire codes.

Your local Siemens Building Technologies, Inc. Representative is:

NAME _____

TELEPHONE NO. _____

THESE INSTRUCTIONS SHOULD BE FRAMED AND LOCATED ADJACENT TO THE CONTROL UNIT FOR READY REFERENCE.

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