



EST4 Operating Instructions

Operation

Normal (no events): Power LED is on (AC power) or off (DC power). All other LEDs are off.

Alarm events: Alarm LED is flashing, operator alert signal is sounding, and Alarm event indicator-counter and Alarm event list appears.

Trouble events: Trouble LED is flashing, operator alert signal is sounding, and Trouble event indicator-counter and event list appears. Depending on the trouble, the CPU Fail LED may flash, and the Ground and Disable event indicator-counters and event lists may appear.

Supervisory, Request, Call In, Emergency, Building, Other events: Operator alert signal is sounding, the event indicator-counter and event list appear.

Silencing alarm signals

WARNING: The protected premises may be occupied. Do not silence alarm signals or reset the control unit unless you are authorized to do so and only after all occupants have been evacuated.

Pressing Alarm Silence turns off all active audible and visible notification appliances. A new alarm event or pressing Alarm Silence again turns the notification appliances back on.

Control unit programming may temporarily inhibit Alarm Silence after alarm signals are activated, may prevent Alarm Silence from turning off visible notification appliances, and may not silence alarm signals if a waterflow alarm switch is active.

Note: This action only silences fire alarm signals. To silence mass notification signals, see "Silencing mass notification signals" on page 2.

To silence alarm signals:

1. Press Alarm Silence. The LED indicates Alarm Silence is active.

Silencing the control unit

Pressing Panel Silence or acknowledging an event message turns the operator alert signal off. New events will turn the operator alert signal back on. If there are no new events, the operator alert signal automatically re-sounds within 24 hours.

WARNING: Trouble conditions may affect the control unit's ability to provide early detection and indication of a fire. Identify the source of the trouble and notify authorized service personnel immediately.

Note: Only available if a button is programmed to silence the control unit.

To silence the control unit:

1. Press Panel Silence. The LED indicates Panel Silence is active.

Activating a fire drill

Pressing Fire Drill turns on all audible and visible notification appliances. Fire drill does not activate any alarm responses. Pressing Fire Drill again cancels the fire drill and turns all notification appliances back off. Always notify the fire department before activating a fire drill.

Notes

- Only available if a button is programmed to activate a fire drill.
- Control unit programming may prevent visible notification appliances from turning on.

To activate a fire drill:

1. Press Fire Drill. The LED indicates a fire drill is active.

Resetting the control unit

Pressing Reset returns the control unit to normal operation provided there are no active initiating devices (smoke detectors, manual pull stations, control unit switches, etc.). Make sure all initiating devices are restored to normal before resetting the control unit.

Control unit programming may temporarily inhibit Reset after alarm signals are activated.

Note: This action only resets the control unit for fire events. To reset the system for mass notification operation, see "Resetting the system when mass notification operation is active" on page 2.

To reset the control unit:

1. Press Reset. The LED flashes at different intervals while the control unit is resetting, and then turns off.

Releasing service

This control unit may be used to actuate an extinguishing agent release system that includes an abort switch and a manual release switch. If so, please note that operation of the manual release switch overrides an active abort switch.

Maintenance recommendations

Inspect and test the fire alarm system in accordance with NFPA 72 and other applicable standards, and the local authority having jurisdiction.

Replace the batteries every five years or sooner as required.

For service contact:

Name:	_____
Address:	_____

Phone:	_____



Making a live voice announcement

Notes

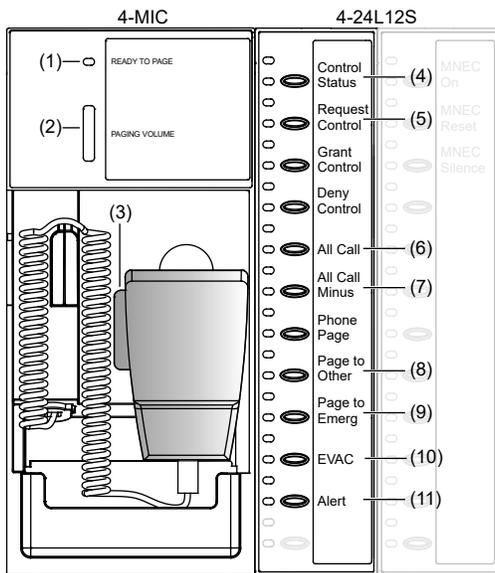
- This feature requires an optional 4-MIC paging microphone and 4-24L series control-display module.
- Your system may be configured differently than described below.

To make a live voice announcement:

- For a control unit programmed as a command center, request for control of the EST4 system may be required.
 - Using the operator touch screen:

Tap Request Control on the Action bar, and then tap the Control Request list button. The information screen will show the control status. When ready, proceed to step 2.
 - Using a 4-24L series control-display module (see figure below):

If the top Control Status LED (4) is steady, proceed to step 2. If not, press Request Control (5); its LED flashes while requesting control. When the top Control Status LED is steady, proceed to step 2.



- Remove the microphone from its hook, and then press the areas to receive the page.

All Call (6): Broadcasts to all areas whether or not they are sounding a signal.

All Call Minus (7): Broadcasts to areas not currently sounding the evacuation signal or the alert signal.

Page to Other (8): Broadcasts live voice messages to areas such as stairwells and elevators.

Page to Emerg (9): Broadcasts live voice messages to areas defined for mass notification announcements.

EVAC (10): Broadcasts to areas currently sounding the evacuation signal.

Alert (11): Broadcasts to areas configured to areas currently sounding the alert signal.
- Press and hold the microphone push-to-talk switch (PTT) (3). The Ready to Page LED (1) flashes. When the LED is on steady, begin the announcement. Adjust your voice level so that the red LED on the Paging Volume meter (2) *does not* illuminate.
- Release the PTT switch when the announcement is finished and return the microphone to its hook.

Activating a mass notification signal

Notes

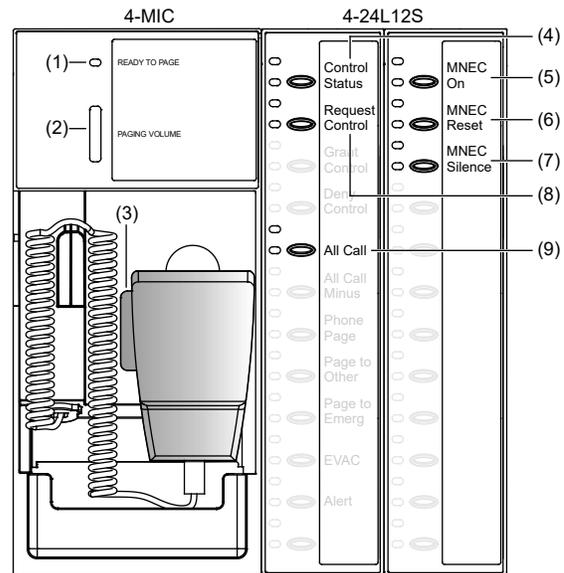
- This feature requires an optional 4-MIC paging microphone and 4-24L series control-display module.
- Your system may be configured differently than described below.

To make a live mass notification announcement:

- For a control unit programmed as a command center, request for control of the EST4 system may be required.
 - Using the operator touch screen:

Tap Request Control on the Action bar, and then tap the Control Request list button. The information screen will show the control status. When ready, proceed to step 2.
 - Using a 4-24L series control-display module (see figure below):

If the top Control Status LED (4) is steady, proceed to step 2. If not, press Request Control (8); its LED flashes while requesting control. When the top Control Status LED is steady, proceed to step 2.



- Press the MNEC On button (5) on the control-display module, to activate the function.
- Remove the microphone from its hook, and then press the All Call button (9) on the control-display module.
- Press and hold the microphone push-to-talk switch (PTT) (3). The Ready to Page LED (1) flashes. When the LED is on steady, begin the announcement. Adjust your voice level so that the red LED on the Paging Volume meter (2) *does not* illuminate.
- Release the PTT switch when the announcement is finished and return the microphone to its hook.

Silencing mass notification signals

Note: This action only silences mass notification signals. To silence fire alarm events, see "Silencing alarm signals" on page 1.

To silence mass notification signals:

- Press MNEC Silence (7). The bottom LED indicates silence is active.

Resetting the system when mass notification operation is active

Note: This action only resets the system when mass notification operation is active. To reset the system for fire events, see "Resetting the control unit" on page 1.

To reset the system when mass notification operation is active:

- Press the MNEC Reset (6) button (figure item 6 above) on the control-display module. The bottom LED indicates the reset is active.