

ECC-50/100 and ECC-LOC OPERATING INSTRUCTIONS

Section 1 Operating Information

NORMAL STANDBY OPERATION.

1. Green AC POWER indicator lit steadily.
2. Yellow TROUBLE indicators off.
3. Green speaker zone indicators off.

ALARM CONDITION

1. Green speaker zone indicator(s) lit steadily.
2. Green SYSTEM IN USE indicator lit steadily.
3. Audio message plays.
4. Green FIRE SYSTEM ACTIVE indicator lit steadily (when FACP is in alarm).
5. Green MNS CONTROL indicator lit steadily and relay activated (for mass notification events).

ALARM RESET. After locating and correcting a fire alarm condition at the FACP, the system will return to Normal Standby Operation. After correcting a mass notification event, press the MNS CONTROL button to clear the system and return to Normal Standby Operation.

TROUBLE CONDITION. Activation of trouble signal under normal operation indicates a condition that requires **immediate** attention. Contact your local service representative. Silence the audible signal by pressing the TROUBLE SILENCE switch. The trouble indicator will remain illuminated.

Section 2 Paging and Manual Message Control

1. Press the SYSTEM CONTROL button if the green LED is not lit.
2. Press either the ALL CALL button or individual speaker zone buttons. This will override the evacuation tone/message if panel is in alarm and activate desired speaker circuits.
3. Once the OK TO PAGE lights green, broadcast:
 - By paging: Key the microphone by pressing the push-to-talk switch on side of microphone and speak clearly into the microphone.
 - By prerecorded message: Press the desired message button.
4. Press the ALL CALL switch (or individual speaker zone buttons) to end broadcast and continue evacuation tone/message.
5. Press the SYSTEM CONTROL button to relinquish control of the audio system.

Section 3 Switch Functions

ALL CALL. Activates all speaker circuits for broadcast.

MNS CONTROL (for systems configured for mass notification operation which has higher priority). Activates the MNS Active Relay and the onboard NAC. A second press turns these back off. For a combination fire and mass notification system, pressing MNS CONTROL will result in the shutdown of audible FACP NACs and audio system speakers, allowing the system to override the system. Pressing MNS CONTROL again causes the FACP to re-activate audible FACP NACs and audio system speakers.

SYSTEM CONTROL. Manually gains control of the audio system in preparation for an ALL CALL, message activation, or general page. The green LED will turn on steadily to confirm control. A second press is required after paging to relinquish control of the system. The main console will have system priority based upon user programming. In order for the LOC to gain control, the ECC must first relinquish control of the system.

SPEAKER SELECT 1-24. Manually activates or deactivates speaker zones (circuits).

MESSAGE SELECT 1-8. Manually activates or deactivates stored messages. 8th button becomes a "shift" for messages 9-14.

DIAGNOSTIC SELECT. selects a specific remote amplifier to examine specific trouble conditions for the remote amplifiers. The fault LEDs with wrench graphics represent the amplifier selected.

TROUBLE SILENCE. Manually silences the local trouble sounder.

CONSOLE LAMP TEST. Tests the local LEDs and sounder.

Section 4 LED Indicators

FIRE SYSTEM ACTIVE. Green LED that turns on steady when the FACP is in alarm.

MNS CONTROL. Green LED that turns on steady when an operator has initiated a mass notification event by pressing the MNS Control button or by pressing an MNS message button.

SYSTEM CONTROL. Green LED that turns on steady when the main console has control of the audio system.

SYSTEM IN USE. Green LED text that turns on steady when the main console, an LOC, an RPU, or an RM has control of the audio system.

SPEAKER ZONES 1-24. Green LED per speaker circuit button that turns on steady when a speaker circuit has been selected and is active. Yellow LED per speaker circuit button that turns on steady when a speaker circuit fault exists or when the speaker circuit has been turned off after having been automatically turned on by the FACP.

OK TO PAGE. Green LED text that turns on steady when the system is ready for paging.

MICROPHONE TROUBLE. Yellow LED text that turns on steady to indicate a microphone wiring fault.

MESSAGES 1-8. Red LED per message button that turns on steady when the message has been selected and blinks when the message has been overridden. Yellow LED per message button that turns on steady when no message has been recorded or there is an associated command input fault. All eight message button LEDs will turn on steady to indicate a message generator fault. 8th button "shift" key red off when viewing messages 1-7 and on steady when viewing messages 8-14. Yellow LED will turn on indicating a message trouble in the group of messages not currently being viewed.

REMOTE AMPLIFIERS 1-8 FAULT. Yellow LED per remote amplifier that turns on steady when an amplifier has a fault.

LOC/RPU/RM 1-8 FAULT. Yellow LED per remote console that turns on steady when a remote console has a fault. Green LED per remote console that turns on steady when a remote console is active.

MAIN CONSOLE FAULT. Yellow LED that turns on steady when the main (or primary operator) console has a fault.

AC POWER. Green LED that turns on steady when AC power is present.

GROUND FAULT. Yellow LED that turns on steady when a ground fault exists in the system.

CHARGER FAULT. Yellow LED turns on steady when the battery charger voltage is too high or low.

BATTERY FAULT. Yellow LED turns on steady when battery voltage is too low.

DATA BUS FAULT. Yellow LED that turns on steady when the main and remote console(s) cannot communicate.

NAC FAULT. Yellow LED that turns on steady when the onboard NAC wiring is open or short-circuited.

NAC ACTIVE. Green LED that turns on steady when the NAC output is on.

SYSTEM TROUBLE. Yellow LED that turns on steady when any fault exists in the system.

AUDIO RISER FAULT. Yellow LED that turns on steady when the audio riser wiring is open or short-circuited.

Section 5 Periodic Testing and Maintenance

To ensure proper and reliable operation, system inspection and testing should be scheduled monthly, or as required by NFPA 72 or local fire codes. A qualified Service Representative should perform testing.

BEFORE TESTING: Notify fire department and/or central alarm receiving station if alarm condition is transmitted. Notify facility personnel of the test so alarm sounding devices are ignored during the test period.

AFTER TESTING: Notify all fire, central station, and/or building personnel when testing is complete.



In the event of trouble, contact the local
Fire-Lite Service Representative.

Name: _____

Address: _____

Telephone Number: _____