

ECC-CE4 Circuit Expander Product Installation Document

PN LS10002-000FL-E:B 9/4/2013 13-707

1 ECC-CE4 Installation Instructions

The ECC-CE4 adds four audio circuits to the ECC-50DA(E) and ECC-125DA(E). The ECC-CE4 mounts inside the ECC-50/125DA(E) cabinet.

NOTE: Installation and wiring of this device must be done in accordance with NFPA 72 and local ordinances.

2 Compatibility

The ECC-CE4 is compatible with the Fire•Lite ECC-50/100 Emergency Command Center and their remote amplifiers. Refer to the ECC and ECC-50/125DA Manuals, P/N LS10001-000FL-E and LS10027-000FL-E, for more information.

3 Specifications

- Standby Current: 20 mA
- Alarm Current: 180 mA

4 Board Layout & Mounting

1. Remove AC power from the ECC-50/125DA control panel and disconnect the backup batteries.
2. Using the four supplied screws, mount the ECC-CE4 in the ECC-50/125DA cabinet as shown in Figure 1.

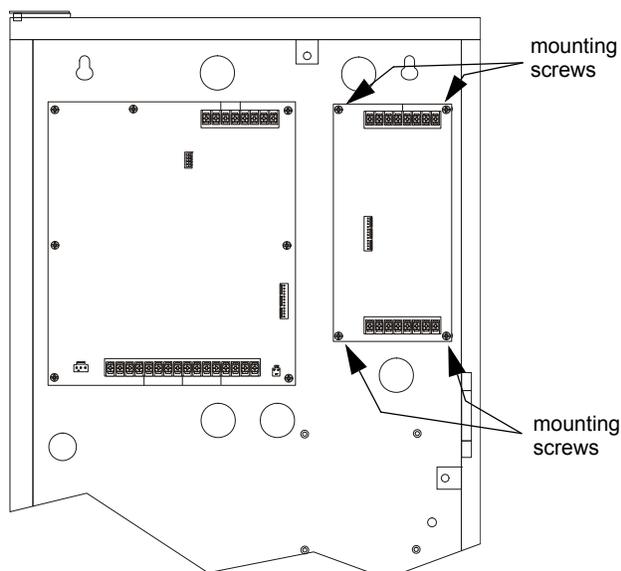


Figure 1 Mounting the ECC-CE4

4.1 Wiring

1. Connect the supplied audio expander cable harness (PN 130426) from the connector labeled *Audio Expander* on the ECC-50/125DA to the connector on the ECC-CE4. See Figure 2.

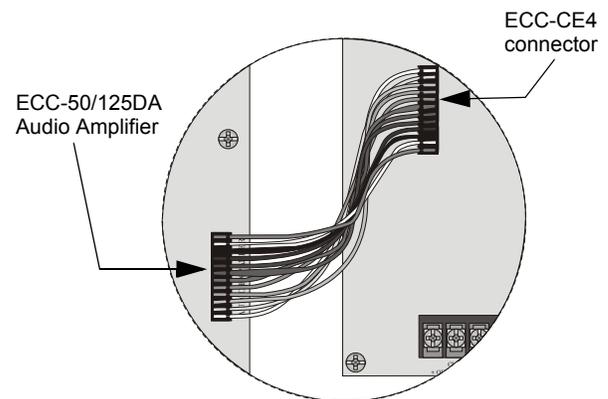


Figure 2 Audio Expander Wire Harness Connections

- Wire speakers for Class B (Style Y) supervision as shown in Figure 3 or for Class A (Style Z) wiring as shown in Figure 4.

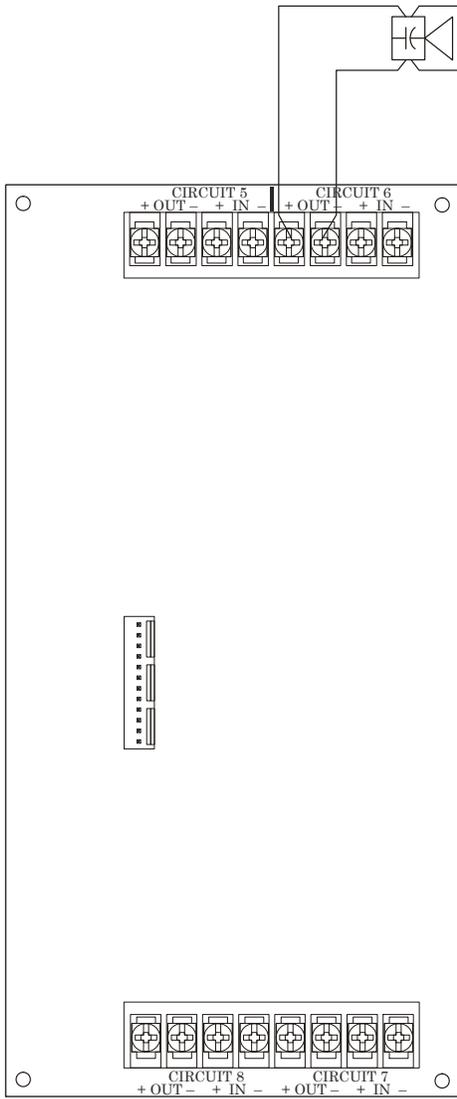


Figure 3 Class B (Style Y) Speaker Configuration

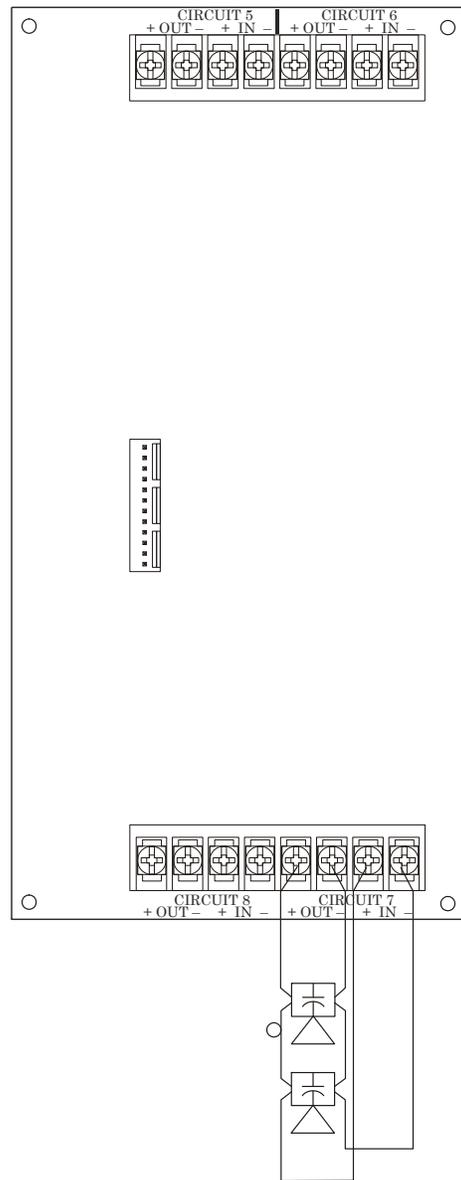


Figure 4 Class A (Style Z) Speaker Configuration

- Restore AC power and reconnect the backup batteries.