



GAI-TRONICS® CORPORATION
A HUBBELL COMPANY

Model XCP0040A 4-Channel E&M Control Kit

Field Installation Kit Instructions

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General Information

The Model XCP0040A 4-Channel E&M Control Kit for the ICP9000 Series Desktop Console or the ICP9000 Navigator MCU allows control of E&M signaling stations and works in conjunction with the Model CP0070A and XCP0070A Supervisor Unit. The kit includes the following components:

Qty	Description
1	E&M Control PCBA

Installation



Warning: Observe precautions for handling electrostatic sensitive devices.

1. Disconnect power from the ICP9000 Series Desktop Console or the ICP9000 Navigator Series Master Control Unit. Remove the attached cables.
2. Remove the four #4-40 flat-head machine screws from the top and bottom of the cover on the Supervisory unit. See Figure 1.
3. Remove the four #6-32 pan head machine screws from the Supervisory unit cover.
Note: At this point, the Supervisory unit is held in place solely by its connection to the three DB25 connectors.

4. Remove the two #4-40 screws on the top right of the Supervisory PCBA to add E&M Control to channels 1 through 4, on the top middle for channels 5 through 8, and on the top left for channels 9 through 12. Refer to the silk screen labeling on the Supervisory cover for clarification.
5. Attach the E&M board to the CES PCBA in the Supervisory unit by inserting the connector pins through the holes in the board as shown in Figure 1.
6. Replace the #4-40 screws that you originally removed from the CES board in order to secure the E&M Control PCBA. Insert the screws through both boards and tighten until snug.
7. Replace the Supervisory unit's cover along with the four #6 × 32 screws and the four #4 × 40 screws, and reattach all cables. Reconnect the power.
8. Refer to the CARD Suite Software (XAC1000A) for the specific programming instructions for reconfiguration.

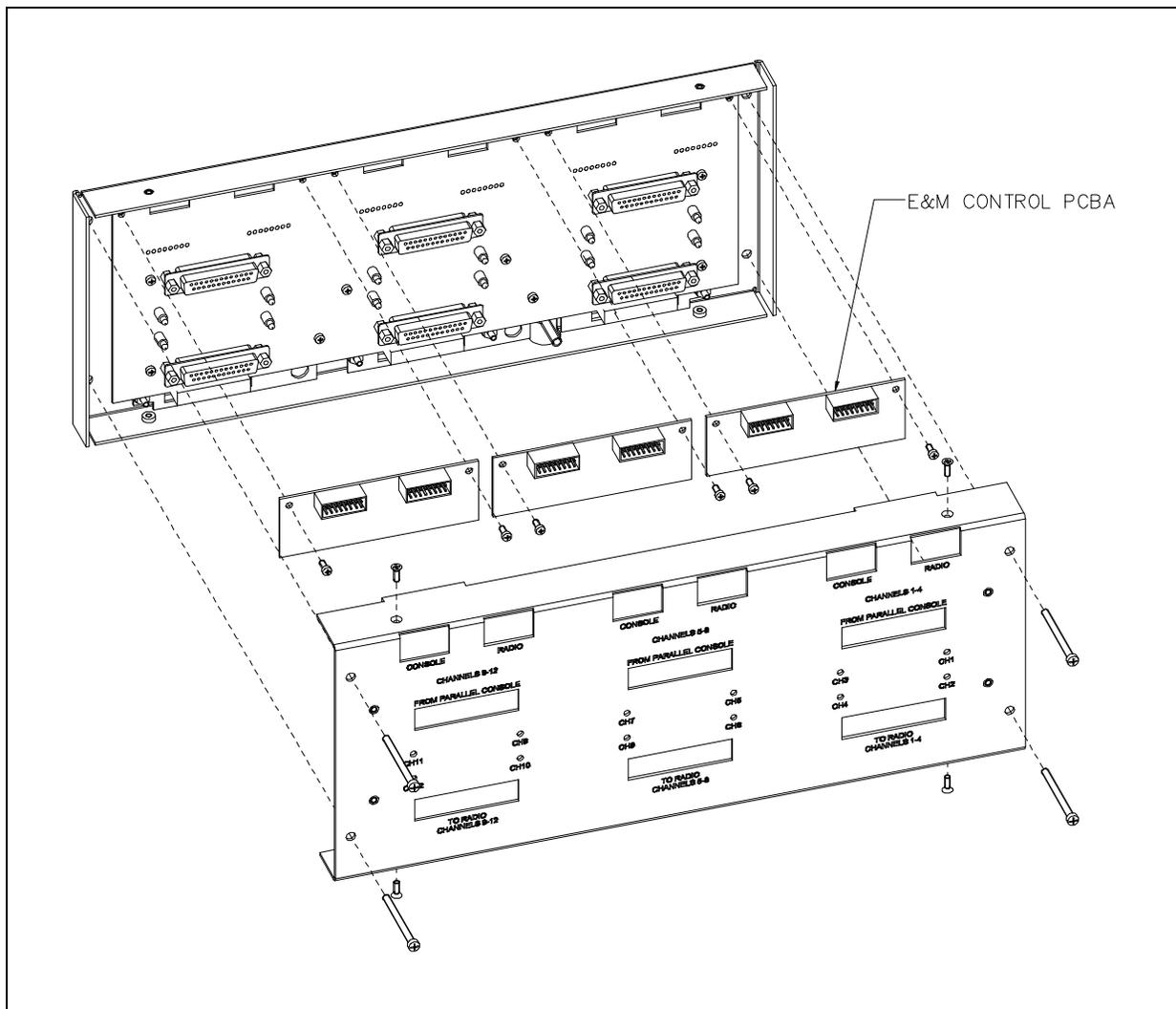


Figure 1.