



GAI-TRONICS® CORPORATION
A HUBBELL COMPANY

Model XCP0110A Replacement Button/ Elastomer Kit

Field Installation Kit Instructions

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General Information

The Model XCP0110A Replacement Button/Elastomer Kit allows the replacement of individual or groups of heavily used buttons. It also includes replacements for all the button elastomers.

This kit includes the following components:

Qty	Description	Qty	Description
3	Small elastomer switch	1	White 3 button
1	Large elastomer switch	1	White 4 button
10	White blank button	1	White 5 button
1	Red Transmit button	1	White 6 button
1	Long white button	1	White 7 button
4	Green Select button	1	White 8 button
8	Black button	1	White 9 button
4	Red Tx button	1	White 0 button
1	White 1 button	1	White # button
1	White 2 button	1	White * button

Installation



Warning: Observe precautions for handling electrostatic sensitive devices.

Button Installation

1. Disconnect the power from the ICP9000 Series Desktop Console.
2. The buttons can be easily removed without opening the console. Simply grasp a button on the top and bottom with a pair of pliers and wiggle back and forth while pulling upwards.
3. To install the new button, push it gently into the slot until it clicks into position. Test the movement of the button to assure proper installation.

Actuator Elastomer Installation

1. Disconnect the power from the ICP9000 Series Desktop Console.
2. Remove the seven screws securing the top panel and gently lift the cover to expose the attached speaker cable and master display cables. See Figure 1.

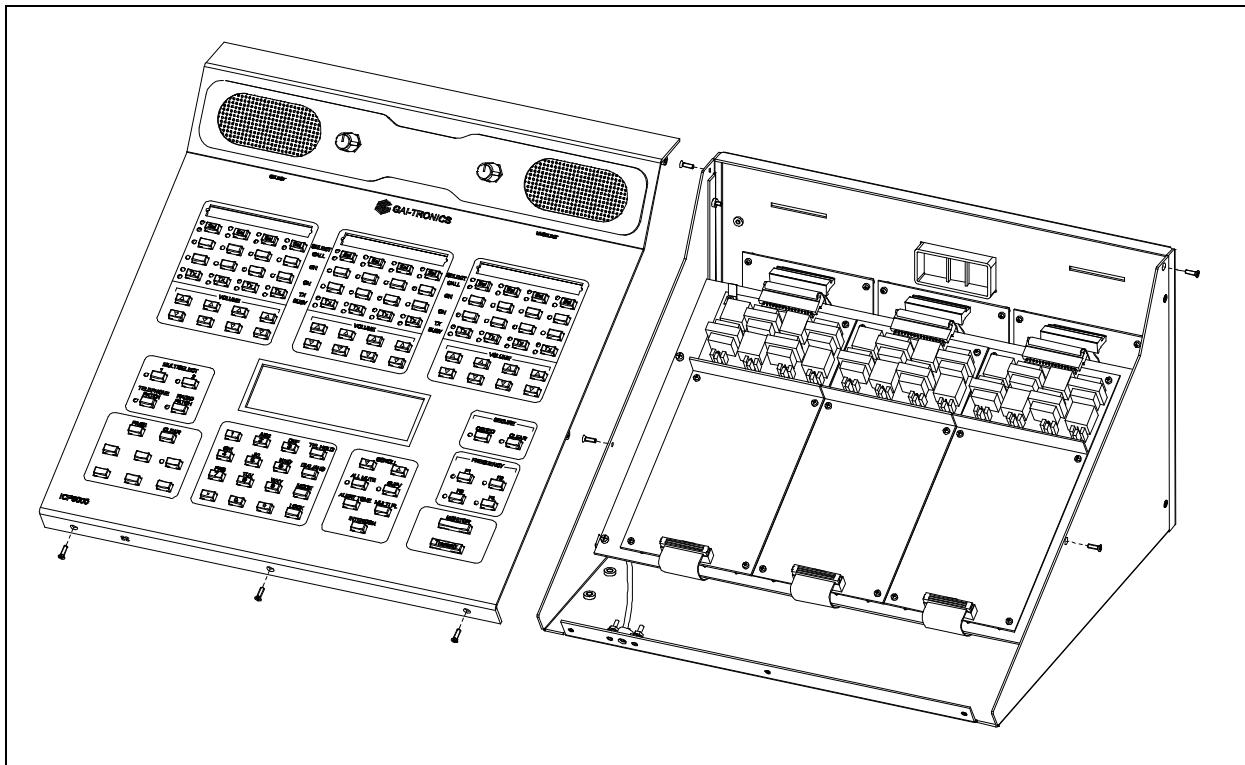


Figure 1.

3. Disconnect the speaker cable at the male to female connection point. Unplug the master display cable from the top cover. Also unplug the ESD ground wire from the front panel quick-disconnect lug.

4. Place the front cover face down on a flat surface. Remove the ten #4-40 hex nuts and four #4-40 screws securing the PCBA. See Figure 2.

Note: Be especially careful not to dislodge the buttons from the front panel.

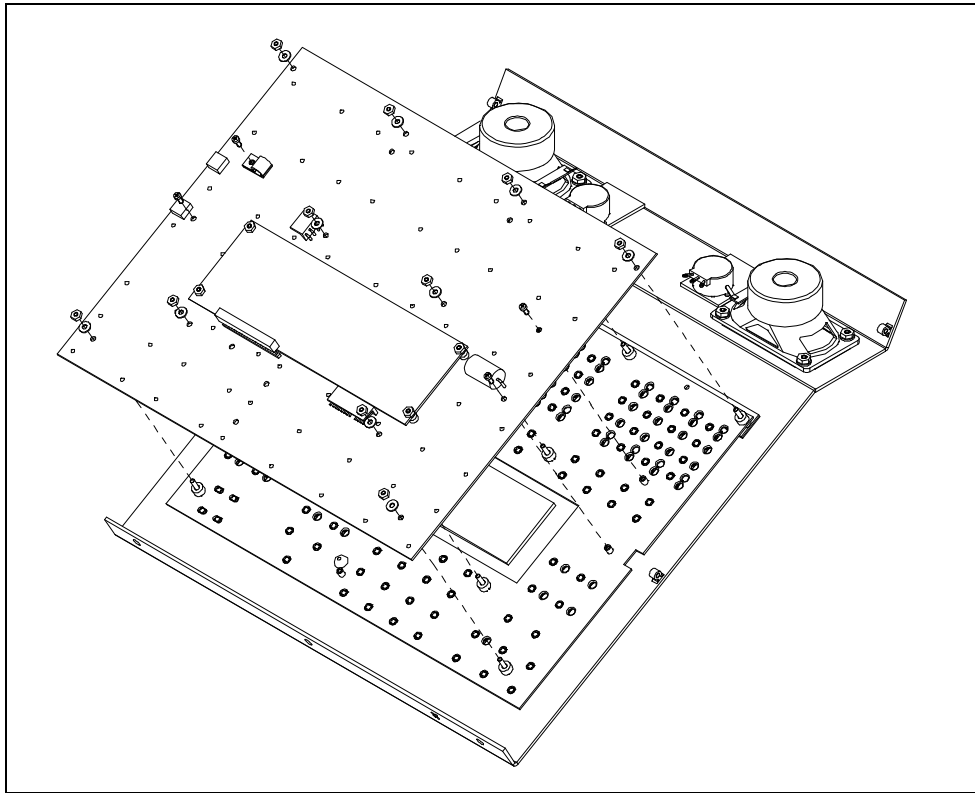


Figure 2. Inside of Front Cover

5. Gently remove the PCBA from the front cover.
6. Once free, you will see four separate elastomer actuators attached to the front side of the PCBA. Remove either the damaged or all four elastomers based upon repair requirements. See Figure 3.

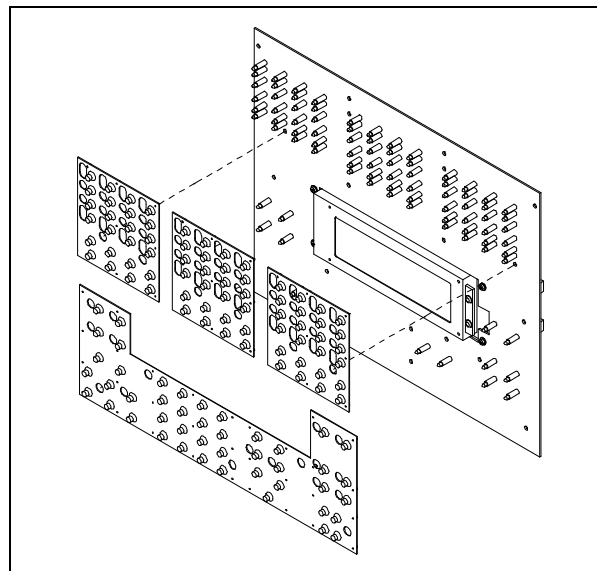


Figure 3. PCBA with Elastomer

7. To attach the new elastomers, position them in place, and with a small blunt-tipped object, gently press the locating nubs into their respective locating holes.
8. When complete, reattach the PCBA in the reverse procedure. Then reassemble the front cover in the reverse order. Check all buttons for proper actuation after assembly, and adjust as necessary.
9. Reconnect the power to the ICP9000 Series Desktop Console.