



GAI-TRONICS®
A HUBBELL COMPANY

RigCom PCBA Replacement Kits

Models 12803-001, 12803-002, 12803-003

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General Information

The Model 12803-001, 12803-002, and 12803-003 RigCom PCBA Replacement Kits are intended for replacing the printed circuit board assembly (PCBA) in the following GAI-Tronics RigCom units:

Kit Model	RigCom Model
12803-001	400-001, 400-002NS
12803-002	400-003
12803-003	400-004

These kits include the following components:

Qty	Description
1	RigCom PCBA
1	Spacer, 1/2-inch nylon

Installation

1. Remove the 12 bolts from the front of the enclosure. Open the front cover.
2. Unplug the cable assembly from the PCBA in the rear of the enclosure. Set front cover aside.
3. Unplug the 2-position connector for the speaker wires.
4. Unplug the 2-position connector for 12 V dc power and the 3-position connector for ac power.
5. Unplug the 9-position connector for footswitch, audio external control and auxiliary microphone wires.
6. Remove the four screws from the PCBA.
7. Remove the old PCBA from the rear enclosure.

8. Attach the nylon spacer to the back of the PCBA.
9. Place the PCBA into the rear enclosure, lining up the four holes.
10. Secure the PCBA with the four screws.
11. Plug all of the connectors into the new PCBA. See Figure 1.
12. Plug the cable assembly connector from the front cover into the PCBA in the rear enclosure.
13. Close the front cover and screw the 12 bolts back into the enclosure. The recommended torque setting for the cover bolts is 17 ft-lbs (23 N-m).

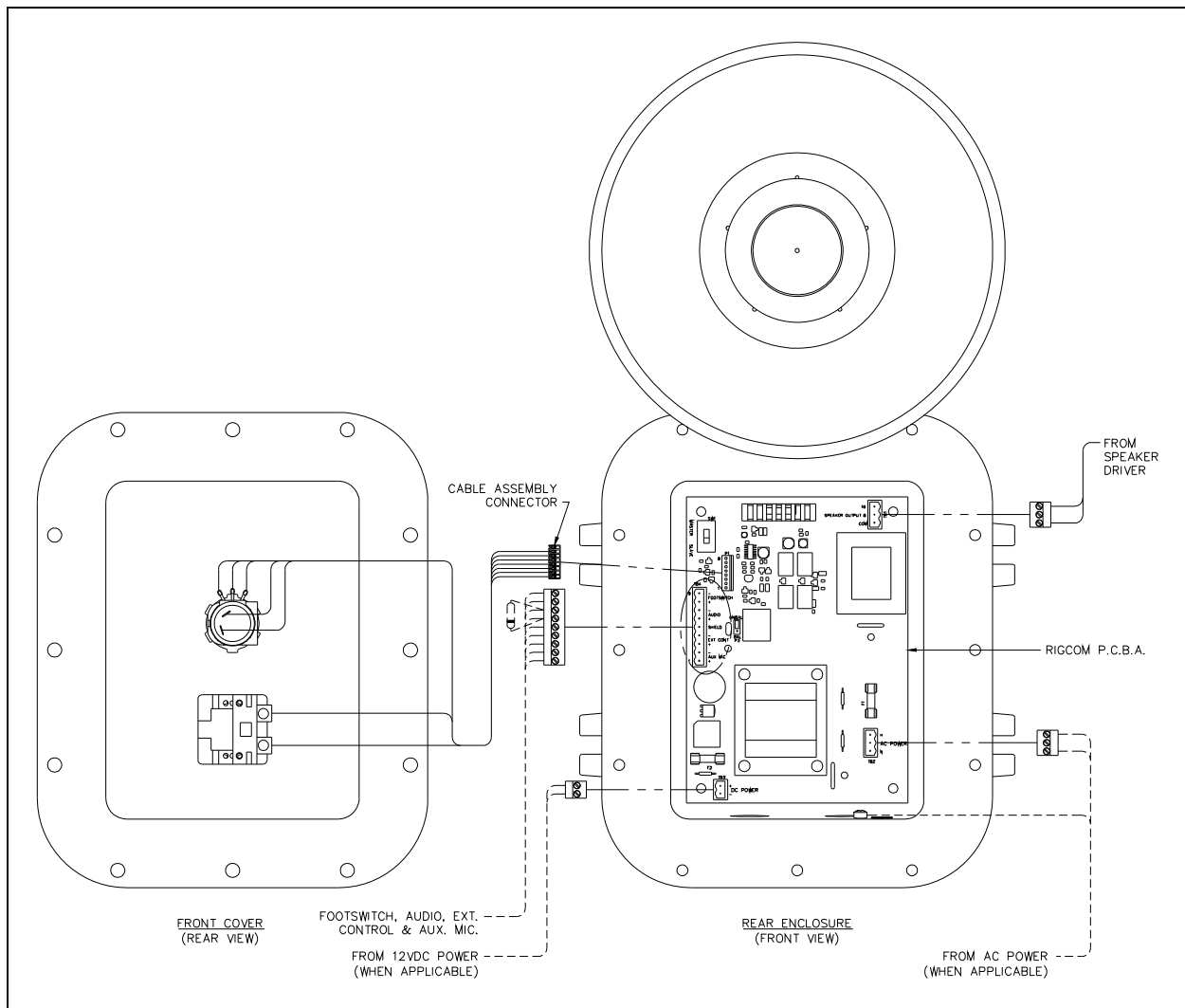


Figure 1. PCBA Replacement Diagram

NOTES:

1. Either 120 V ac power or 12 V dc may be connected to the Model 400-003 RigCom. Under no circumstances should ac and dc power be connected to the Model 400-003 at the same time.
2. Either 230 V ac power or 12 V dc may be connected to the Model 400-004 RigCom. Under no circumstances should ac and dc power be connected to the Model 400-004 at the same time.