

SERVICE BULLETIN

Bulletin Part Number: 259321-B1

Product: Panaray[®] MB4 Modular Bass Loudspeaker System

Subject: Reduced maximum power output levels.

Disposition: On all units built before 12/02, replace the polyswitch located on the protection circuit PCB with part number 190348-135. This part has a higher current rating than the original. Perform the polyswitch replacement procedures listed below.

Symptom: Lower than rated continuous maximum power output.

Reason: The protection circuit polyswitch engages prematurely, causing lower maximum power output.

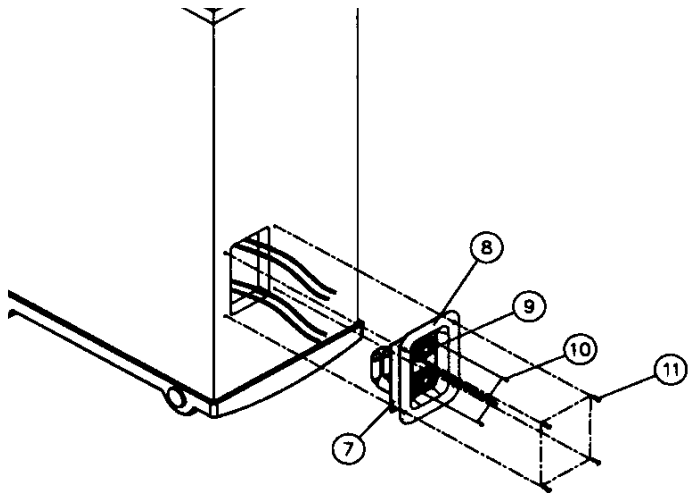
Solution: Replace the polyswitch with one that has a higher current rating.

Date of manufacture (DOM) information: The DOM is located on the product label on the back of the speaker. It is the four underlined digits in the serial number. For example, 2335 would be the 335th day of 2002, or December 1st.

Polyswitch Replacement Procedures:

Note: Refer to the figure at right.

1. On the back of the loudspeaker, remove the four screws (11) that secure the terminal plate (8) to the cabinet.
2. Gently pull the terminal plate away from the speaker cabinet. Take care not to damage any wires.
3. Unsolder the old polyswitch, part number 190348-075 (RXE075), from the protection circuit PCB (7) and remove it. It's located next to the lamps on the opposite side of the circuit board.
4. Install the new polyswitch, part number 190348-135 (RXE135), into the same location on the protection circuit PCB and solder it into place. The new part is physically larger in diameter than the old part.
5. Slide the terminal plate back into the speaker cabinet. Secure it in place using the four screws removed in step 1.
6. Using a permanent black felt tip marker, place a small dot to the right side of the serial number on the speaker product label located on the back of the unit. This will indicate that the polyswitch has been replaced with the upgraded part. If the unit you are working on has this dot, then the upgraded part has already been installed.



CQE

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