
Customer Service Bulletin

SLM Electronics, Inc., Saint Louis, Missouri, USA

November 01, 2002

#CSB0019

Units Affected:

<u>Model</u>	<u>Serial Numbers</u>	<u>Model</u>	<u>Serial Numbers</u>
PSM12	BWEDO70001 – BWEDO70100	PSM15	BWFDO70001 – BWFDO70100

Purpose:

The wiring from the high frequency driver to the crossover in *some* PSM12 and PSM15 speakers was intentionally reversed to obtain the correct phase for the output from the driver. The affected speakers have serial numbers that are within the ranges stated above. The reversed wiring affects the polarity of the connection only and does not represent a safety issue.

The purpose of this CSB is to provide guidelines for recognizing the intentionally reversed wiring and changing this wiring to the correct configuration when replacing the affected high frequency drivers.

Recommended Actions:

- (1) Remove the crossover assembly
- (2) Inspect the wiring to the crossover assembly
- (3) Change the wiring to the crossover assembly as directed

Tools Needed:

- #2 phillips screwdriver or screw gun with extended #2 phillips bit

Corrective Action:

- (1) Gently lay the speaker cabinet face down onto a clean work surface. Remove the 13 screws which hold the jackplate assembly onto the cabinet (indicated by the arrows in [Figure 1](#) on the following page). Carefully remove the jackplate assembly from the speaker cabinet.

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(2) Inspect the wiring connections to the "HF+" and "HF-" terminals on the crossover. If the wiring is as shown in [Figure 2](#), disconnect the blue and orange (or yellow) wires from the HF terminals.

(3) Connect the orange (or yellow) wire to the "HF-" terminal and the blue wire to the "HF+" terminal as shown in [Figure 3](#).

(4) Replace the jackplate into the speaker cabinet in the reverse order in which it was removed. Make sure not to pinch or trap any wires between the plate and the cabinet. Replace the 13 screws which hold the jackplate in place. Tighten each screw firmly – do not overtighten the screws.

Figure 1: Remove the jackplate screws:



Figure 2: Incorrect wiring of the HF terminals:

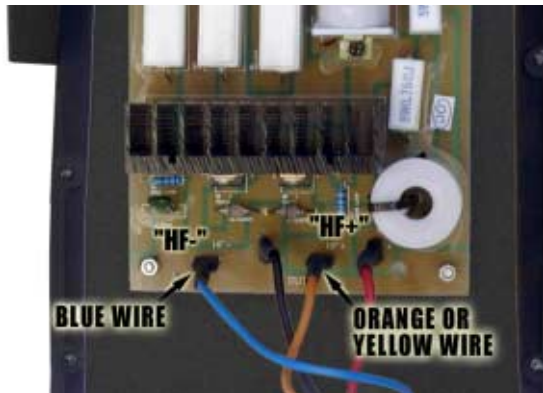


Figure 3: Correct wiring of the HF terminals:

