

Technical Service Group
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Bose®
3·2·1 Series II, 3·2·1GS Series II and
3·2·1GSX
Home Entertainment Systems
US and non-US Versions Service Bulletin
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Service Bulletins

Reference Number	Symptom	Reason	Solution
273029-B1	<p>A customer moves from one DVD region to another and needs to have the media center's region code changed.</p> <p>Note: The following procedure applies only to 3·2·1 Series II Systems sold in DVD region 2-6.</p>	<p>To control the release of movies, DVD disc manufacturers region code DVDs and require DVD player manufacturers to design their players to only play DVDs manufactured for a particular region of the world. If a customer moves from one region to another, the region code of the media center needs to be changed to match the region code of DVD discs sold in that particular region.</p>	<p>The Bose 3·2·1 and 3·2·1GS Series II Systems are recognize the fact that customers may move from one By pushing the following buttons on the remote contr media center to be compatible with the new region. P procedures.</p> <p>1. Initialize the Media Center: To initialize the media center so its region code can be the unit and select DVD. After the system displays "Ir the following buttons in the sequence below on the m control.</p> <ul style="list-style-type: none"> • Right Navigation Arrow • Up Navigation Arrow • Shuffle Button • Stop Button • Mute Button <p>2. Set the Region Code: With the Media Center on, open the DVD tray and ins DVD tray is open, press the following buttons in the s media center's remote control.</p> <ul style="list-style-type: none"> • Stop Button • Shuffle Button • Region number of the DVD disc you inserted in the 1 (i.e. for region 4, press the number 4 button) • Enter <p>Note:</p> <ol style="list-style-type: none"> 1. The region code setting will remain unless it is char or power is removed. 2. The DVD will resume play at the point it was ejecte displayed and cannot be bypassed, clear the cache by methods - press stop twice (clears disc cache), remov (erases cache).

Important Note:

Currently this capability is only available on 3•2•1 an Systems sold in DVD region 2-6.

Early production units may not respond to this proced software update to have this capability. Contact Bose country for software update instructions.

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273029-B2

Audio Dropout

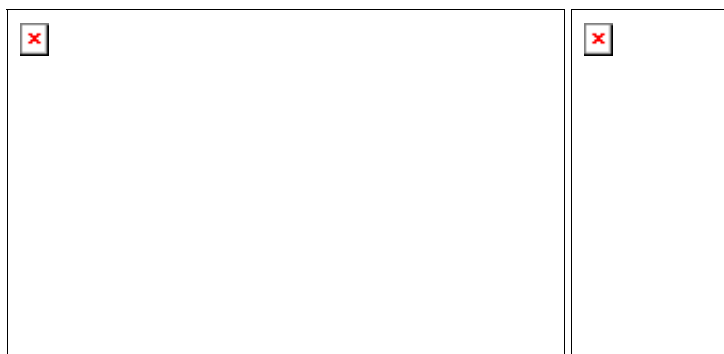
The system will experience audio dropouts regardless of the source used, i.e. internal CD/DVD playback, AM/FM or external sources. If the customer is experiencing audio dropout only when using an external source on the SPDIF or optical input, that is a separate issue, and this rework will not correct this issue.

D14 used on the bass module DSP PCB assembly can sometimes exhibit noise, causing these noise spikes to be fed up the system cable to the console, where they interfere with the operation of the system.

On units that come in for this symptom, install a bypa ground at J150 on the bass module DSP board. Perfor

Procedure:

1. Remove the bass module DSP/Amplifier PCB using procedures in the 3•2•1 Series II service manual, refe SM.
2. Obtain a 22uF, 50V electrolytic capacitor, Bose par This is a radial leaded part.
3. Obtain about 1 1/2 inches of 22AWG clear teflon in
4. Cut the tubing into two equal lengths of about 3/4 the legs of the capacitor.
5. Solder the capacitor in place on the backside of the Solder the capacitor's negative lead to pin 10 of J150, pin 9 of J150. Ensure that you place the capacitor on any potential shorts and to clear the fingers of the PC installed. Refer to the photos below for proper placem
6. Once the capacitor is soldered in place, apply a sm RTV to prevent vibration during use. Refer to the phoi
7. Re-install the DSP/Amplifier PCB into the bass mod capacitor is not caught under the fingers of the PCB b in the service manual to ensure proper operation befca customer.



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