

Awesome Information

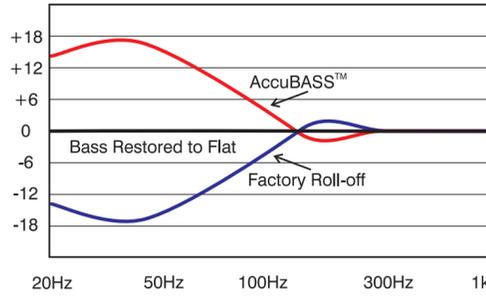
AccuBASS™ Processing

Factory installed amplifiers and speakers are NOT designed to reproduce bass frequencies at high volume levels. These factory systems actually remove the bass when you turn up the volume! AudioControl developed the patent pending AccuBASS™ circuit to restore the bass that the factory takes away. After a quick and easy one-time setting, the AccuBASS™ circuit adds the bass just as the factory system rolls off. You get smooth, seamless, and rock solid bass response regardless of volume level. The chart below shows how the AccuBASS™ operates to correct for the factory bass roll-off.

Setting the AccuBASS™ is a simple one-time operation:

After you have hooked up the system and are listening to music, play something with a good bass line, and set the volume at low.

- On the LC7i, set the AccuBASS™ Level Control to the 12:00 position.
- Turn the Threshold fully down (counter clockwise).
- Now turn up the volume on your stereo until you hear the bass start to drop out in relationship to the high frequencies and leave the volume there.
- Slowly turn up the Threshold control until you hear the bass come back up and leave it in that position.



- Adjust the level control to fine tune the amount of bass restoration you want.
- You're done! Now, every time the stereo gets to that volume, the AccuBASS™ will take over and restore the bass. You have smooth, seamless bass at all volumes and you can even use the level control to give a little extra kick to the bass if you want. It's your music your way!

More Highlights

Summed Outputs

The LC7i has the capability to combine together multiple (2, 4, or 6) input signals from the factory source unit into 2 channels. In some vehicles there is an actively crossed-over tweeter, midrange, and woofer all in the front of the vehicle. The LC7i lets you take all of those signals and sum them together to get a high-quality, full-range, pre-amp signal. Simply move the summing jumper located under the cover for the desired channel into the "Sum" position. If the green LED for that channel is on, you know it is being summed into the main output.

AutoMode

We have equipped your LC7i with an AutoMode feature that is designed to feed signal to the channel 3 section when the factory system only has front and rear outputs. AutoMode takes the channel 2 (rear) input signal and automatically feeds it to the channel 3 outputs to drive a subwoofer amp and crossover. This means your LC7i will accept two input channels (say, front and rear) and give you three output channels (front, rear, and sub).

ACR-1 Dash Control (Purchased Separately)

The ACR-1 is a remote that gives you control over the level of the channel 3/Subwoofer output so you can adjust the bass level from the driver's seat.

Placement and Mounting

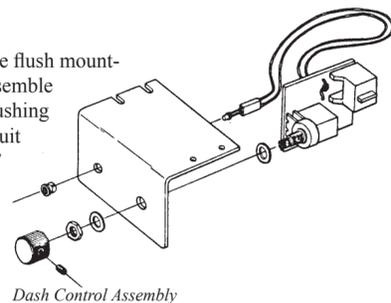
The ACR-1 dash control may be mounted under the dash using its own bracket or through a custom hole in the dash. It should be within reach of the driver and in a spot where the LED is plainly visible. You could mount it in the trunk, but that defeats the whole purpose.

Bracket Installation

The dash control mounts with two screws, which attach to the underside of the dashboard. Slide under the dash and place the dash control in its mounting position, mark the two mounting holes, drill pilot holes, and secure with two screws.

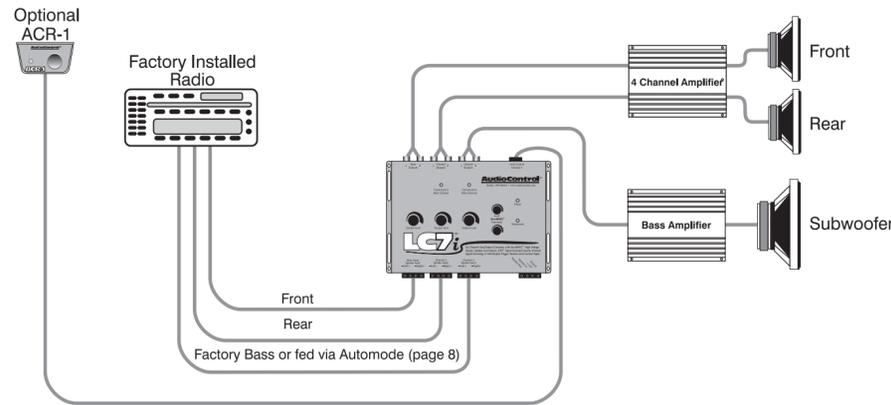
Custom Installation

For that custom, finished look, the dash control can be flush mounted directly on the dashboard (or anywhere else). Disassemble the dash control from the mounting bracket. Start by pushing the LED from its holder followed by removing the circuit board and rotary control from the bracket. Drill a 9/32" hole in the dashboard for the control along with a 1/8" hole for the lock tab and a 13/64" hole for the LED holder. Reassemble the ACR-1 components in their new custom location.

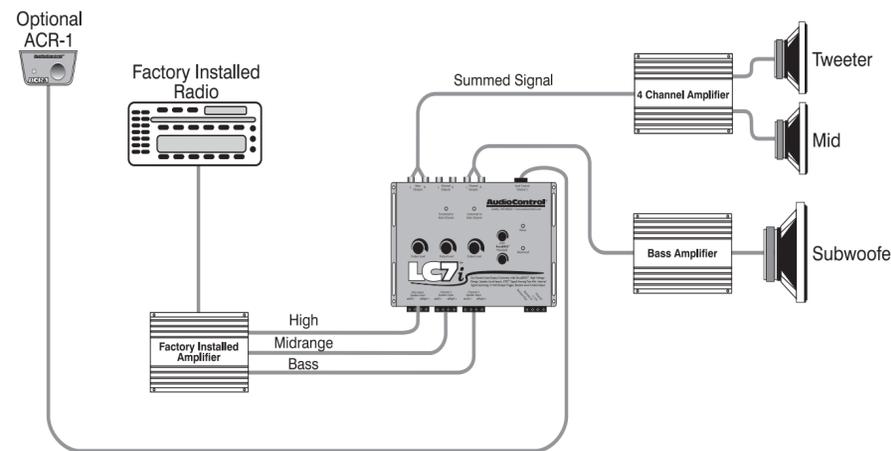


Basic Factory Upgrade System

If the factory radio doesn't have a bass output, the LC7i will provide it via automode.

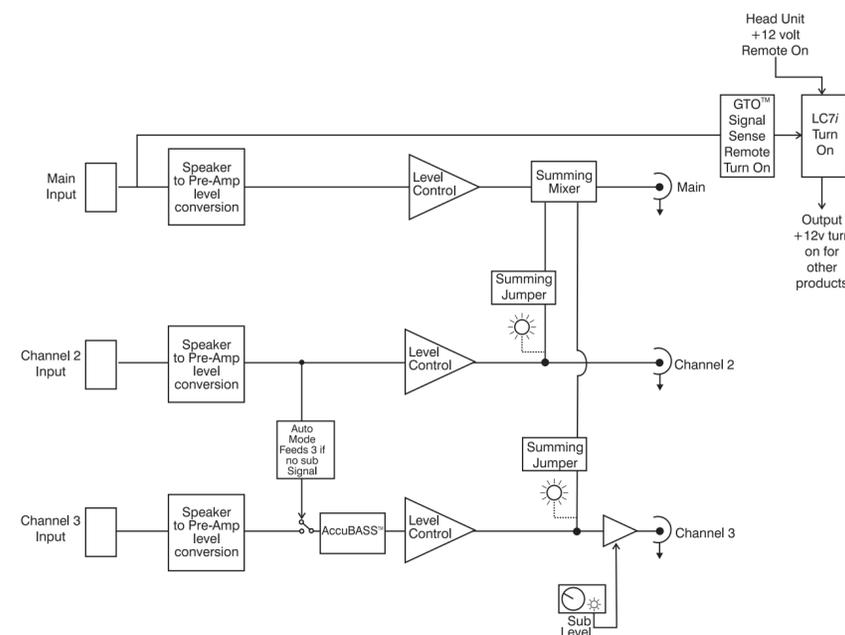


Upgrade for Factory System with Remote Mounted Factory Amplifier



Block Diagram of the LC7i

Feeling lost? Here's an internal "roadmap" to help you out. This simplified block diagram is a map of the paths the signals take through the LC7i. With this map you can follow each input through the processor. If you have an issue with the hook-up of your LC7i and need to call for technical assistance, please have this diagram available. We can help you trace the problem to get your system up and running.



The WARRANTY

People are scared of warranties. Lots of fine print, months of waiting around. Well, fear no more, this warranty is designed to make you rave about us to your friends. It's a warranty that looks out for you and helps you resist the temptation to have your friend, "who's good with electronics", try to repair your AudioControl product. So go ahead, read this warranty, then take a few days to enjoy your new LC7i before going on-line to register your unit at www.audiocontrolregistration.com. We also look forward to your comments while you are registering your LC7i. "Conditional" doesn't mean anything ominous. The Federal Trade Commission tells all manufacturers to use the term to indicate that certain conditions have to be met before they'll honor the warranty. If you meet all of these conditions, we will warranty all materials and workmanship on the LC7i for one year from the date you bought it (five years if it is installed by an authorized United States AudioControl dealer) and we will fix or replace it, at our option, during that time. Here are the conditional conditions:

1. You have to go to www.audiocontrolregistration.com warranty and register your LC7i within 15 days after purchase.
2. You must keep your sales receipt for proof of purchase showing when and from whom the unit was bought. We're not the only ones who require this, so it's a good habit to get into with any major purchase.
3. Your LC7i must have originally been purchased from an authorized AudioControl dealer. You do not have to be the original owner, but you do need a copy of the original sales slip.
4. You cannot let anybody who isn't (A) the AudioControl factory; (B) somebody authorized in writing by AudioControl to service your LC7i. If anyone other than (A) or (B) messes with your LC7i, that voids your warranty.
5. The warranty is also void if the serial number is altered or removed, or if the LC7i has been used improperly. Now that may sound like a big loophole, but here is all we mean by it. Unwarranted abuse is: (A) physical damage (don't use the LC7i for a car jack); (B) improper connections (120 volts into the power jack can fry the poor thing); (C) sadistic things. This is the best product we know how to build, but if you mount it to the front bumper of your car, something will go wrong. If an authorized United States AudioControl dealer installs the LC7i, the warranty is five years. Assuming you conform to 1 through 5, and it really isn't all that hard to do, we get the option of fixing your old unit or replacing it with a new one.

LEGALESE SECTION

This is the only warranty given by AudioControl. This warranty gives you specific legal rights that vary from state to state. Promises of how well the LC7i will perform are not implied by this warranty. Other than what we have covered in this warranty, we have no obligation, express or implied. Also, we will not be obligated for direct or indirect consequential damage to your system caused by hooking up the LC7i. Failure to register warranty information negates any service claims.

• Notes •

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