while on a road through the Pacific Northwest on a spectacularly rare, sunny, and cloudless day. The top was down and we were banging our head to 80's metal!
Awesome Information

AcceBASS™ 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 AcceBASS™ circuit to restore the bass that the factory takes away. After a quick and easy one-time setting, the AcceBASS™ 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 AcceBASS™ operates to correct for the factory bass roll-off.

Setting the AcceBASS™ 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 AcceBASS™ 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 AcceBASS™ 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

When the LC7i has the capability to combine together multiple inputs, there is 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 and woofer all in the front of the vehicle. The LC7i rolls off. You get smooth, seamless, and rock solid bass response regardless of volume level. The chart below shows how the AutoMode feature works:

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.

Notes:

- You’re done! Now, every time the stereo gets to that volume, the AcceBASS™ will take over and restore the bass.
- 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.
- You can 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 AcceBASS™ will take over and restore the bass. It’s your music your way!

Basic Factory Upgrade System

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

Upgrade for Factory System with Remote Mounted Factory Amplifier

Factory Installed Amp

AutoMode takes the factory system 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 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.

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 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. Unwar-ganted 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 prod-uct 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 op-tion 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 sys-tem caused by hooking up the LC7i. Failure to register warranty information negates any service claims.

Notes:

- You’re done! Now, every time the stereo gets to that volume, the AcceBASS™ will take over and restore the bass. It’s your music your way!