Two Channel Line Converter with AccuBASS™

Key Features of the LC2i
- Two Channels of Active Speaker Level inputs (Up to 400 Watts RMS/Ch)
- AccuBASS™ equalization to correct bass roll-off in factory systems
- Threshold and Boost controls for AccuBASS™ optimization
- Selectable GTO™ Auto sensing turn-on circuit (no remote wire needed)
- Input for optional remote bass level control
- 9.5 volt preamp output w/level matching controls

Key Benefits of the LC2i
- Great sound from factory install audio systems
- No sacrificing of factory features like Nav, On-Star, Bluetooth, etc.
- AccuBASS™ gives rock solid bass at all volume levels despite factory limitations
- High voltage preamp helps every amplifier to perform to its maximum
- Compact chassis for quick unobtrusive installation
- Bulletproof 5 year warranty when installed by an authorized dealer

Who will like the LC2i?
Anyone who does not want to give up their factory dash controls but wants great sound. Car makers these days are incorporating all sorts of convenience features into the factory head units that consumers do not want to give up. In addition, they are making the head unit a more integral part of the dash, even integrating heater/AC, and other control functions, into the sound systems. The LC2i allows that customer to improve the sound system without disturbing any of the factory features and functions.

Adding aftermarket amplifiers and subwoofers to factory source units becomes simple. The LC2i goes after the factory amplifier, so it can be added to any factory system. With AudioControl’s Active Balanced inputs, you will get much better bass signal than with passive converters.

Factory with bass roll-off. Factory systems can not safely produce the bass levels that most customers want. To protect their speakers, more and more car makers are removing the bass frequencies at higher volume levels. The AccuBASS™ EQ in the LC2i corrects this roll-off so you get full bass at all volumes.

Why do AudioControl Line Output Adapters sound so good?
Passive LOCs have been used for years yet they add distortion, reduce signal and roll off bass. In short... they sound bad!

AudioControl’s Active, High Impedance Inputs you’re in a whole different world. AudioControl’s input stage results in a ruler-flat frequency response so you get rock solid bass without the signal roll-off you get with those passive LOCs. The AudioControl LC2i is also a super low distortion (typically <0.1%) 9.5-volt line driver as well as a line converter. You now have sound quality every bit as good as with an after market head unit while keeping the convenience and cosmetic features of the factory installed source unit. In short, the LC2i gives you the brilliant sound quality that AudioControl has been providing for over 33 years. Combine this with the AccuBASS™ equalization discussed below and you have mind-bending performance from a factory head unit.

The AccuBASS™ Equalization Circuit (patent pending)
Factory sound systems have weak subwoofers and amplifiers contributing to poor bass response. To protect woofers from distorting (or worse...being blown), car makers often limit the bass frequencies produced at higher volumes. This robs you of the bass that was supposed to be in the music. Some have tried to compensate with a “reverse loudness”, but that results in a soft, muddled sound. AudioControl has developed the patent pending AccuBASS™ circuit to do the job right. The AccuBASS™ circuit automatically engages at the preset volume level and reverses the factory roll-off to give you the bass the music was designed to have. Rock solid bass in just the right amount. Bonus time: If your system needs a little more bottom end, the AccuBASS™ circuit can do that as well.

LC2i SPECIFICATIONS
All specifications are measured at 14.4 VDC (standard automotive voltage). As technology advances, AudioControl reserves the right to continuously change our specifications, like our Pacific Northwest weather.

Maximum speaker level input ................................................. 400 watts per channel
Maximum Preamp output ................................................ 9.5Vrms/13V peak
Optional Dash Level Control Remote .................................... +0dB / -15dB
Frequency response .......................................................... 10Hz-100kHz, ±1dB
Total harmonic distortion ................................................ 0.01%
Signal to Noise ratio ......................................................... >110dB
Input Impedance ............................................................ 20K ohms
Output Impedance .......................................................... 150 ohms
Power draw ................................................................. 150 mA
Recommended fuse rating ................................................. 1 Amp
Size (Chassis) ............................................................... 3.25” x 1.5” x 5.4” (6.5” L including mounting)
Weight ................................................................. 1 pound
**System #1** - Subwoofer add-on – Tap into rear speaker wires for LC2i signal input

**System #2** - Upgrade from Factory System – with equalization

**System #3** - Bass Upgrade for Premium Factory system – Factory subwoofer system

**System #4** - High SPL System – Bass and Highs Amplifiers from factory speaker output

**Key Features of the LC2i Line Converter / Bass Equalizer**

- **Active Stereo Speaker Level Input**
- **Port for optional Dash Remote**
- **GTO™ Selector**
- **Power Connector includes +12v out to turn on your amplifier**
- **AccuBASS™ Level**
- **Sets amount of bass equalization for optimum sound**
- **AccuBASS™ Level Matching Gain Controls**
- **Bass Output can be controlled by Optional Dash Remote**
- **Fixed Full Range Preamp Output**
- **AccuBASS™ Threshold**
- **Determines when AccuBASS™ engages**
- **Bass Output**
- **OE Level Adaptor**