

OEM
Interface

FOR RETAIL USE ONLY
CONFIDENTIAL

KEY REASONS TO BUY THE

THE EPICENTER[®] Plus

Bass Restoration, Plus Auxiliary Input
and Speaker Level Input



STOP THE BASS BANDIT!
USE THE EPICENTER PLUS TO
RECLAIM THE BASS STOLEN IN
COMPRESSED MUSIC FORMATS

Key Features

- AudioControl's patented (#4.698.842) bass restoration circuitry
- Speaker level inputs for OEM integration
- Auxiliary input for your iPod or other portable audio source
- Bass Maximizer, and PFM filter for speaker protection
- Dash control for source selection and bass restoration control.
- GTO™ (Great Turn On) signal sensing inputs (no deck turn-on needed).
- High current 12 volt trigger output
- Cool blue LED source indicator
- Bulletproof Warranty (5 years!)

Who is The Customer?

Virtually Everyone

Go ahead admit it... You like bass. Your customers like bass and so do their friends. Bottom line is that everyone wants better bass, especially in car audio world. Unfortunately, all the interactions of the engine, chassis, and tires with the road tend to mask the bass frequencies. Add to this, the tendency of the acoustical shape of most cars to peak at about 120Hz and roll off after that. **The Epicenter Plus** restores the bass response

Recorded Music

It gets worse... by and large, most compact discs are recorded intentionally with reduced bass information to compensate for modest speaker sizes. So when you play the music, most times deep bass notes are missing. **The Epicenter Plus** brings the bass back.

iPod Listeners

And again it gets worse. What is MP3? It's a system to get more information in a smaller package. How? That's easy... make the information smaller. This is done by compressing it. This compression in MP3 files causes major reductions in bass response.

The Epicenter Plus puts bass in your iPod. It even provides a high gain, auxiliary input for the iPod so the output level will better match the rest of the system.

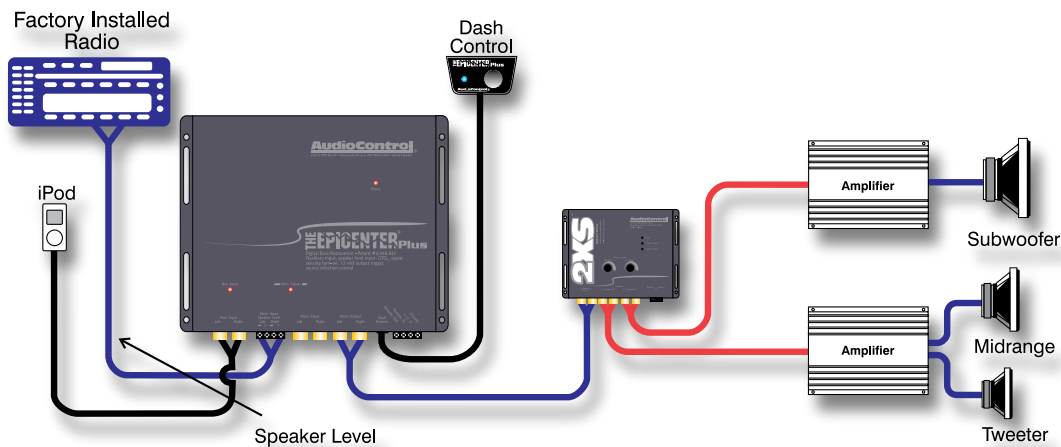
OEM Integration

With high power speaker level inputs, **The Epicenter Plus** can be used in every car. It can accept RCA Pre-amp signals and speaker level inputs, up to 400 watts. This means you can use it with any factory high powered, amplified systems.

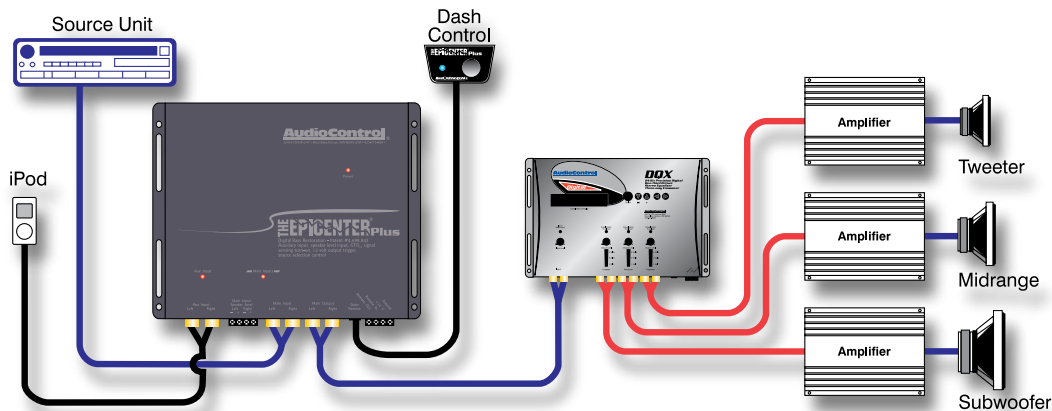
AudioControl[®]

System Diagrams

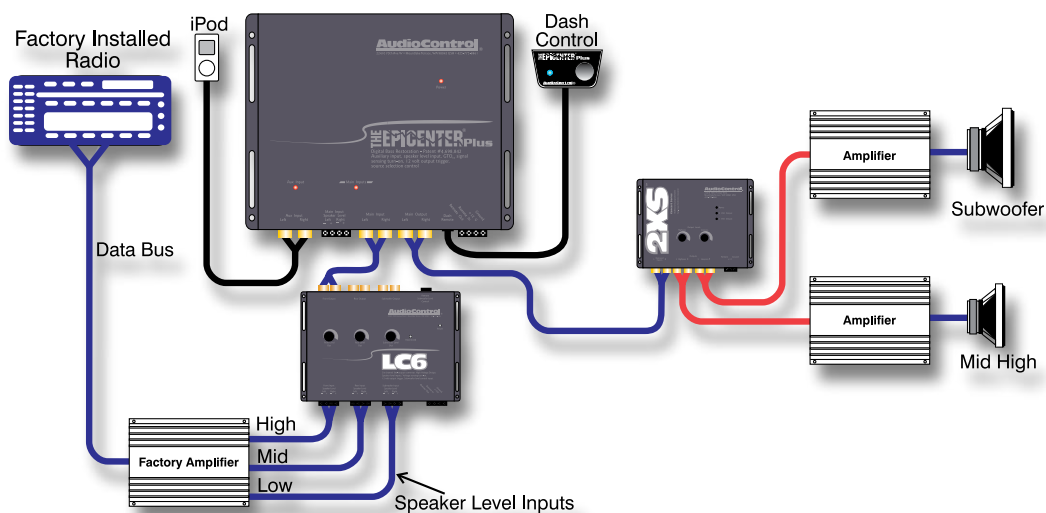
System #1 - Simple factory system upgrade to bi-amp to add more bass



System #2 - After market system with DQX processor/crossover



System #3 - Upgrading factory multi-channel amp that requires signal summing



Key Features of **THE EPICENTER[®] Plus**

Bass Restoration Processor

Dash Mounted System Control – Knob pushes to select Main/Aux source and rotates to control bass restoration.

Cool Blue LED on the Dash Control and Input LEDs on The Epicenter let you know which source is in use.

Source Indicator

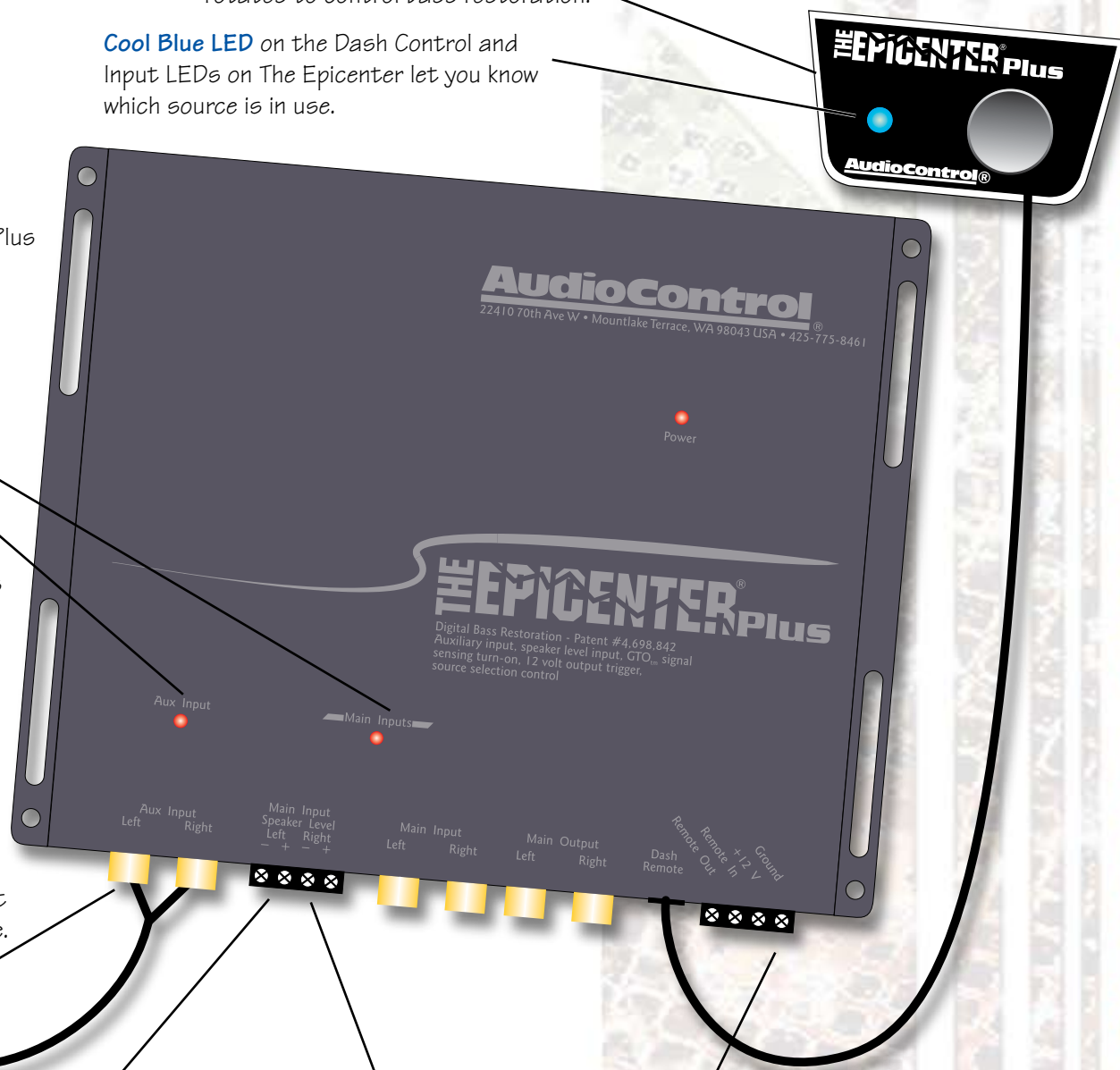
LEDs – The Epicenter Plus provides LEDs to show which source (Main or Auxiliary) is active.

Auxiliary Input – The Epicenter Plus provides a direct input, with boosted gain, for an iPod or other auxiliary input source. The cool blue LED on the dash control lets you know when the Aux input is active.

GTO Signal Sense – Once the GTO input circuit detects a signal on the speaker level inputs, The Epicenter Plus powers up. It also activates the +12 Volt trigger. When the speaker level source is turned off the GTO circuit shuts down The Epicenter Plus and the +12 Volt Turn-on signal.

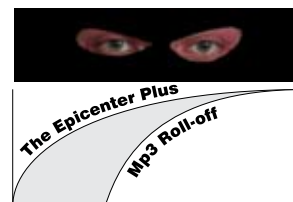
20K Ohm Speaker Level Input – The speaker level main inputs of The Epicenter Plus can handle up to 400 watts of factory amp power. Also tied to this input is our GTO turn-on circuit. For best results, this should be a full range signal.

12-Volt Output Trigger – Our GTO trigger circuitry also provides a +12 volt output trigger, which can be used to turn on other amplifiers and processors in your system. This will help minimize turn-on thumps that normally come with other turn-on methods.



Why not a Bass Boost?

Simple: Boosting the bass fixes very little! You can't boost what you don't have. Remember that the bass level is not just low...it's missing! This is why bass requires so much equalization in most cars and still falls short. **The Epicenter Plus** gives the customer what he is looking for. Better bass! Not just louder noise, but truly better bass. This is especially critical with down-loaded music from an iPod. **The Epicenter Plus** restores the bass that's missing in MP3s. With **The Epicenter Plus** you **Stop the Bass Bandit**.



The Epicenter Magic

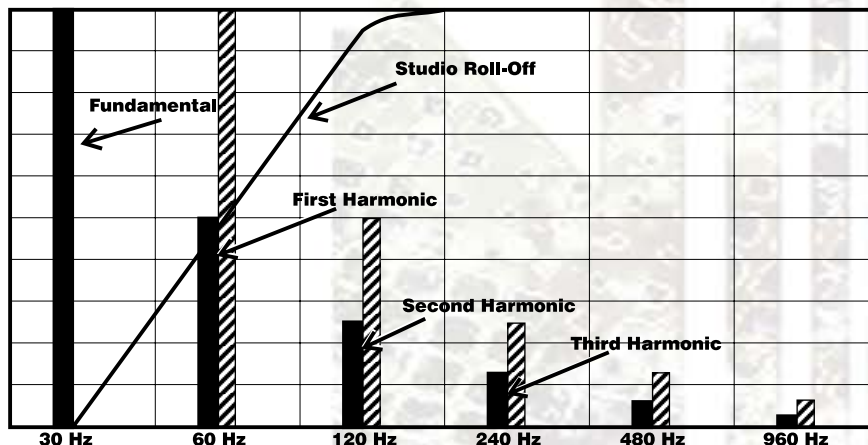
The unique bass restoration circuit of **The Epicenter Plus** looks at the low frequency harmonics that are in the upper frequencies and uses them to recreate the lower bass fundamentals that have been compressed, rolled off, or simply removed. The chart below shows what it does for the signal. What it does for you, is provide deep earth-shaking bass that you've never heard before.

Woofer Protection - Now that we've restored the bass to your system, can your woofers handle it? Of course they can...its all a question of degree. That's why we've included our Bass Maximizer and the PFM subsonic filter. With these settings, your installer can set **The Epicenter Plus** to provide just the right level of bass signal for your speakers.

Why do AudioControl OEM Processors work so well?

The Epicenter Plus is an active, high-impedance (20K Ohms!) device that accepts speaker-level inputs from factory installed amplifiers up to 400 watts.

The Epicenter Plus works with factory installed audio systems and gives you high-quality, level matched, pre-amp signals via standard RCA connectors. This will allow you to add high quality after-market amplifiers and processors while keeping the convenience and cosmetic features of the factory installed source unit. Unlike "inexpensive" passive speaker level inputs and line output converters, **The Epicenter Plus** gives you the brilliant sound quality that AudioControl has been providing for over 30 years.



THE EPICENTER[®] Plus 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. Although we are working on that.

Maximum pre-amp input level	9.5 Vrms	Output Impedance	150 Ohms
Maximum speaker-level input	400 watts @ 4ohm	Power supply	High headroom PWM
Maximum output level	9.5 Vrms	Power draw	285mA
Frequency response	10Hz-22kHz; +/-1dB	Recommended fuse rating	2 Amps
Total harmonic distortion	0.003%	Maximum remote trigger output current1 Amp
Signal to Noise ratio	- 130dB	Size	8" W x 6.25" D x 1.15" H
Balanced input noise rejection	> 60dB	Weight	3.5 lbs
Input Impedance	20 Kohms	Country of origin	U.S.A.

AudioControl[®]

making good sound better[®]

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