

BASS CUBE ^{2.0}

User Manual



**PHOENIX
GOLD**

BASS CUBE 2.0 USER MANUAL



CONSTANT USABLE BASS ENHANCEMENT For bassheads that believe life begins below 80Hz. Bass Cube 2.0 will give your system the extra boost of clean, articulate bass you crave. Bass Cube features the precision tuning that allows you to dial in your bass to perfection.

FEATURES:

- Parametric Bass Equalization
- Variable Center Frequency Control
- Selectable Ground Isolation Switch
- 2 Channel Digital Bass Restoration
- Selectable Balanced / Unbalanced
- RCA Input and Output
- Variable Output Gain Control
- Selectable Output Gain Limiter
- Remote Bass Control
- Selectable Sub-Sonic Filter

SPECIFICATIONS

Maximum Input Level	12V rms
Maximum Output Level	9V peak
Frequency Response	10HZ - 25KHZ; +/- 1DB
Total Harmonic Distortion	0.002%
Signal to Noise Ratio	127dB
Fuse Rating	1 Amp



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1. REM / 12V / GND:

- REM: Connects to a 12V+ switched source.
- 12V: Connects to a 12V constant source. (1 amp in-line fuse is required)
- GND: Connects to a chassis ground.

2: GROUND ISOLATION: Alternator whine may appear in the system because the source unit and amplifier may use different grounds. To help in this situation, we have provided alternative grounding options. TURN THE SYSTEM OFF BEFORE SWITCHING THIS IN NORMAL SELECTION.

3. OUTPUT GAIN CONTROL: Control the amount of signal you are sending through the RCA OUTPUTS to your amplifier(s). It is important to note that the Bass Cube 2.0 has a built-in line driver capable of sending 9 volts of signal output to your amplifier(s). Be sure to reference the amplifier gain control.

4. CENTER FREQUENCY: Select the frequency you want the Bass Cube 2.0 bass restoration circuit to enhance.

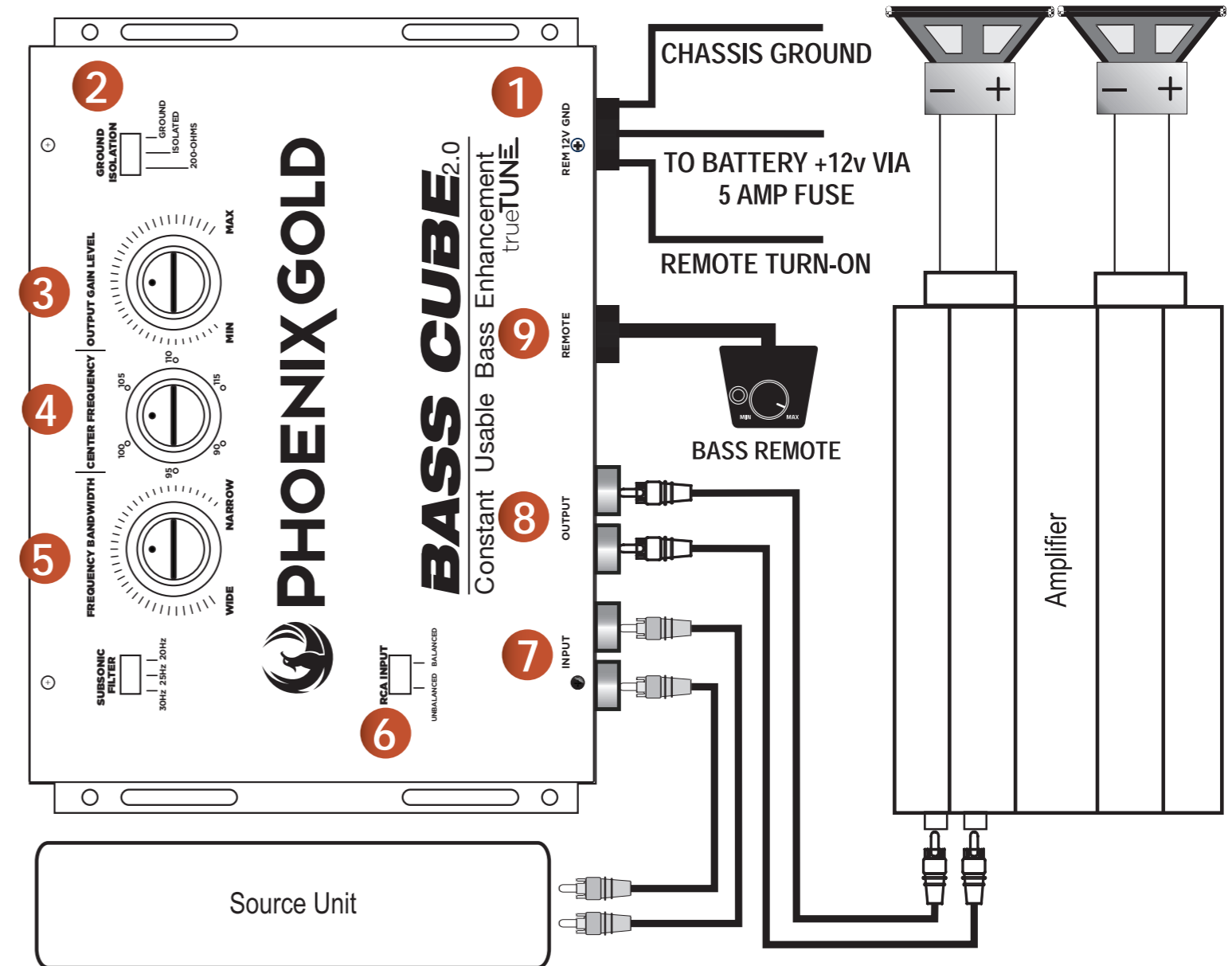
5. FREQUENCY BANDWIDTH: Adjust the range of frequencies from your center point. All the way to the left will include the maximum frequencies to enhance, while all the way to the right will enhance only a limited amount of frequencies near your CENTER FREQUENCY.

6. RCA INPUT: For RCA cables, 99.99999% of the time you will select UNBALANCED
*In rare occasions some processors or ultra high end head-units will have balanced outputs. If you have one of these, you're a big baller and you get to select BALANCED

7. INPUT: RCA's from source unit

8. OUTPUT: RCA's from the Bass Cube 2.0 connect to the inputs of your amplifier(s).

9. REMOTE: The Bass Cube 2.0 Digital Bass Enhancer dash mount control connects here. This remote allows for complete control of your audible subwoofer level along with a LED indicator which brightens as you increase bass enhancement.





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