

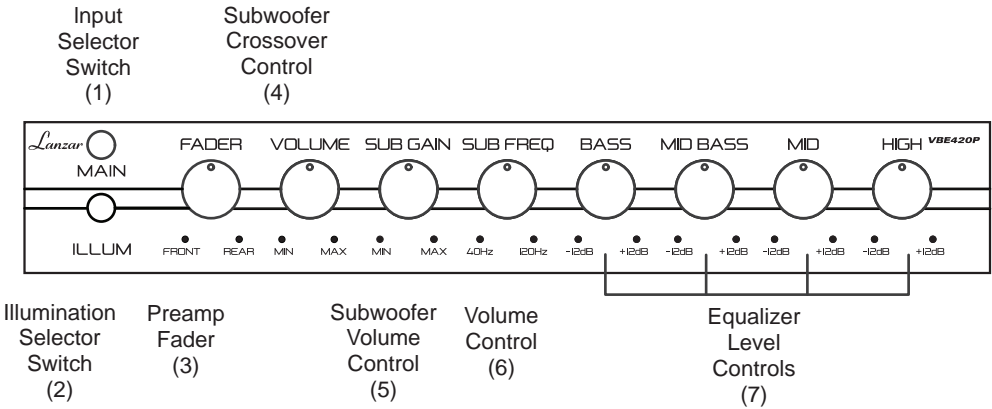


VBE420P

4 Band Parametric Equalizer
with Subwoofer Gain Control

USER GUIDE

LOCATION OF CONTROLS



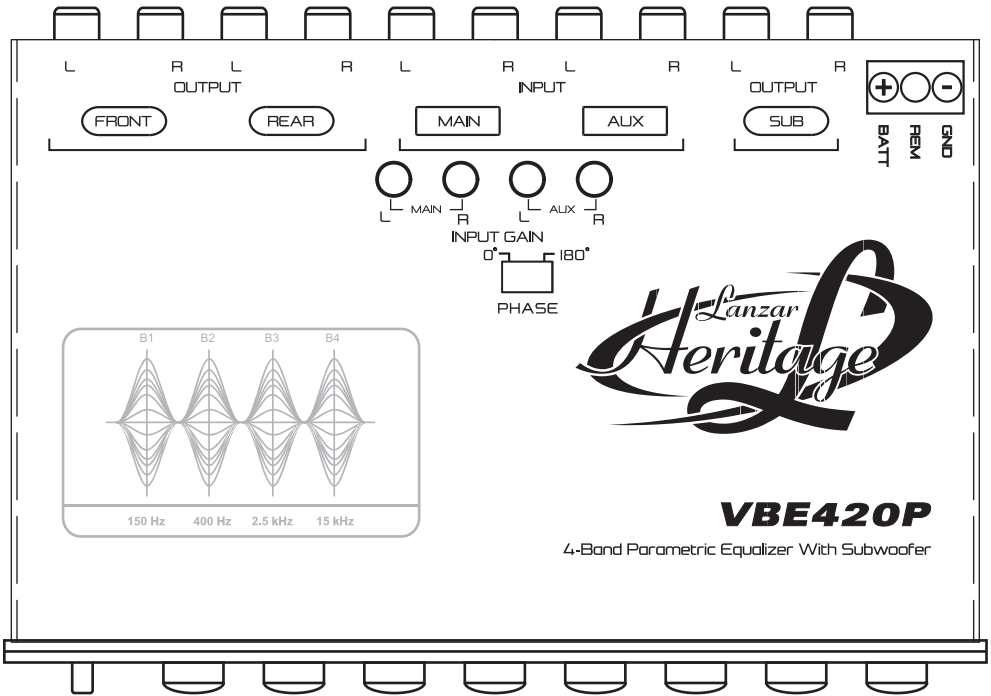
OPERATION

- 1. Input Selector Switch:** Allows you to select either the radio input or CD input.
- 2. Illumination Selector Switch:** Allows you to select either amber color or green color illumination
- 3. Preamp Fader Control:** Rotate clockwise or counter-clockwise to adjust the volume between the front and rear outputs in 4 output systems.
- 4. Subwoofer Crossover Control:** Allows you to select your desired crossover cut off frequency in the 30Hz 250Hz range.
- 5. Subwoofer Volume Control:** Rotate clockwise or counter-clockwise to increase or decrease the output level.
- 6. Master Volume Control:** Rotate clockwise or counter-clockwise to increase or decrease the output level. We recommend that you adjust the volume of your source unit (radio/cassette, radio/CD player, etc.) at one half to three quarters up and leave it. We further recommend that you use the **VBE420P** volume control as the master (main) volume control because its performance is more linear than that of source units.

Note: If engine noise is audible, try raising the volume of the source unit and also check for proper ground connection.

- 7. Equalizer Level Controls:** Rotate clockwise or counter-clockwise to boost/cut, up to 18 dB, the level of each of the four (Sub, Low, Mid, Hi) frequency bands.

CONTROLS



CD/RADIO INPUT GAIN CONTROLS

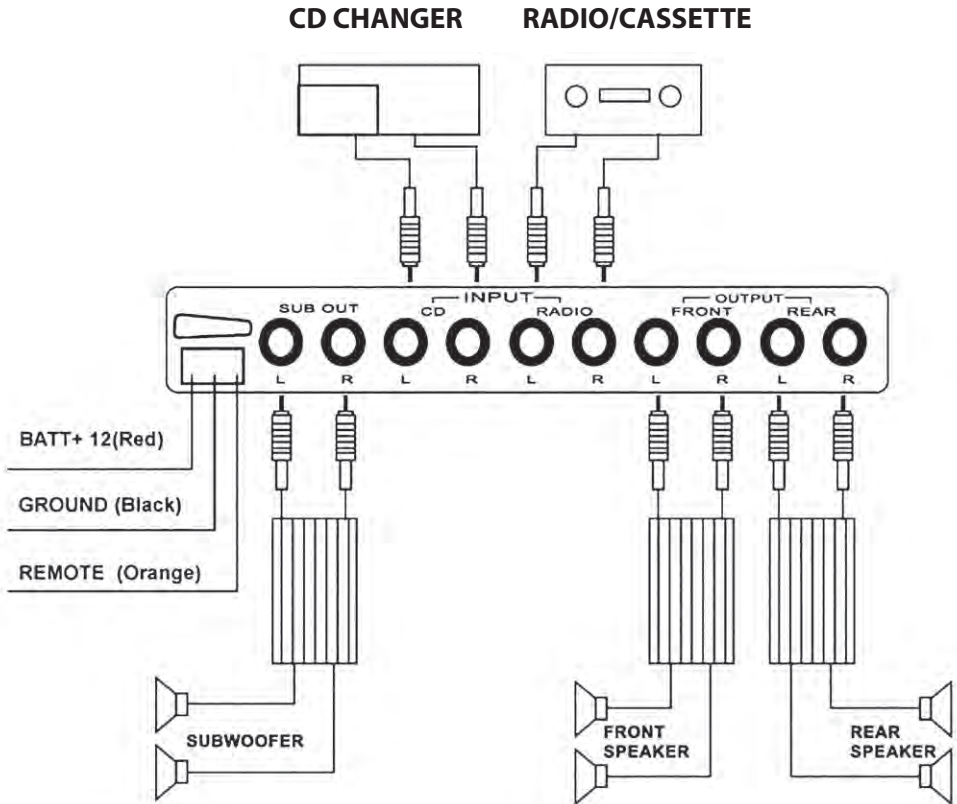
The CD/Radio LR channel can be adjusted from the top cover.

Turn the knob clockwise to increase the input level or turn counterclockwise to reduce the input level.

Phase Shift Selector Switch

Allows you to select the proper phase of the subwoofer output signal to compensate for the timing differences between the subwoofer output and the front/rear output signals.

ELECTRICAL INSTALLATION



California Prop 65 Warning

⚠ WARNING:

This product contains Nickel carbonate which is known to the state of California to cause cancer birth defects and other reproductive harm. Do not ingest.

For more info go to: www.P65warnings.ca.gov

Features

- 4 Band Parametric Equalizer
- Half Din Size
- 9 Volt RMS Pre-Amp Output
- Pre-amp Line Aux Inputs Via RCA Jacks
- 2 Input Sources Selectable
- Input Gain Adjustments
- RCA AUX Input Jack
- Source/Aux Input Selector
- Rotary Fader
- Output Volume Control
- Sub Output Volume Control
- Blue Light Illumination
- Mounting Hardware Included
- DC 12 Volt with Remote trigger
- RCA Auxiliary Input (Rear) inputs for MP3, DVD, or Phone

What's in the Box:

- 4-Band Parametric Equalizer
- 2 Mounting brackets
- 8 Phillips-head Screws
- Power Red Wire with 1A Fuse

Technical Specs:

- Bass Equalizer Frequency: 40 Hz
- Mid-Bass Equalizer Frequency: 150 Hz
- Mid Equalizer Frequency: 1 KHz
- High Equalizer Frequency: 20 KHz
- Each Frequency Adjustable: -12dB to +12dB
- Output Voltage: 7V RMS @ 0.05% THD
- Voltage: 11V-15V
- S/N Ratio: 110dB
- Separation: > 60dB
- Frequency Response: 10 Hz~ 50 KHz
- Subwoofer Frequency: 30 Hz~ 250 Hz
- Product Dimensions: 7" x 4.1"x 1.10" -inches



Questions? Issues?

We are here to help!

Phone: (1) 718-535-1800

Email: support@lanzar.com