

Owner's Manual

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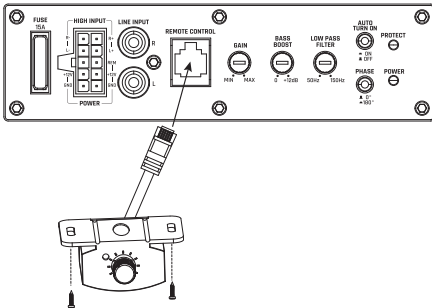
Note: When connecting a factory or aftermarket stereo to the BassPro Nano's speaker-level inputs, set the **AUTO TURN ON** button to **ON**.

SETTING GAIN, ADJUSTING PHASE, LOW-PASS FILTER, AND BASS BOOST

1. Start with **GAIN** control set to minimum, and the crossover control rotated midway.
2. Choose music with substantial bass content and turn the volume control on your receiver to ¾ of its total output.
3. Adjust the **GAIN** control clockwise, listening carefully to the bass output. If you hear distortion, turn the **GAIN** control counterclockwise to decrease the **GAIN**.
4. Switch the **PHASE** back and forth to determine which setting provides the most clean bass output.
5. Adjust the **LOW-PASS FILTER** control until the BassPro Nano plays only low-frequency information – you should not hear elements such as vocals coming from the woofer.
6. Adjust the **BASS-BOOST** control clockwise or counterclockwise to suit your taste.



CONNECTING THE REMOTE BASS CONTROL MODULE



SPECIFICATIONS

- Driver Complement: 6" x 8" (152mm x 203mm) woofer
- Amplifier Power Output: 100WRMS, 200W Max
- Frequency Response: 30 Hz – 150 Hz
- Fuse: 15A
- Maximum Current Draw: 13A
- Quiescent Current Draw: <600 mA
- Input Sensitivity: 0.1 V – 4.0 V low-level input; 0.25 V – 10 V high-level input
- Crossover Frequency: 50 Hz – 150 Hz
- Crossover Slope: 12 dB/octave
- Bass Boost: 0 dB to +12 dB @ 50Hz
- Dimensions (L x W x H): 10-1/4" x 7-11/16" x 2-15/16" (260mm x 195mm x 74.6mm)
- Weight: 7.78lbs. (3.53kg)

TROUBLESHOOTING

No audio and POWER indicator is off

- No voltage at **BATT+** and/or **REM** terminals, or bad or no ground connection. Check voltages at amplifier terminals with **VOM**.

No audio and PROTECT indicator flashes every 4 seconds

- DC voltage on amplifier output. Amplifier may need service; see enclosed warranty card for service information.

No audio and PROTECT and POWER indicators flash

- Voltage less than 9V on **BATT+** connection. Check vehicle charging system.

No audio and PROTECT indicator is on

- Amplifier is overheated. Make sure amplifier cooling is not blocked at mounting location. Or, there may be voltage greater than 16V (or less than 8.5V) on **BATT+** connection. Check vehicle charging system.

Amplifier fuse keeps blowing

- The wiring is connected incorrectly or there is a short circuit. Check wiring connections.

Distorted audio

- **GAIN** is not set properly. Check setting. Check wires for shorts or grounds. Amplifier or source unit may be defective.

Music lacks dynamics or "punch."

- If using speaker-level inputs, check connections for proper polarity. Switch **PHASE** back and forth between 0° and 180° and leave on setting with best sound.

Engine noise—whining or clicking—in system when the engine is on

- Amplifier is picking up alternator noise. First, check ground connection on the amplifier – a loose or improper ground is one of the main causes for noise. Turn down **GAIN**. Move RCA audio cables away from power wires. Installing an alternator noise filter on power line between battery and alternator might also be necessary.



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