



WHERE THE PARTY BEGINS™



FX-BP131

Digital Bass Processor

OWNER'S MANUAL

INTRODUCTION

Congratulations on purchasing the FX-BP131 ,you are now the proud owner of the finest and most accurate bass enhancing & restoration system available .

Whether your interest is in Beethoven's kettle drums, in Miles Davis' trumpet or in the percussion of Rap lyrics, the FX-BP131 would restore those long lost bass notes ,with amazing accuracy and clarity.

There is a dash mount level control unit which permits instant adjustments:whether it's because your passenger is not as much a"bass-head" as you are or for whatever reason you want to turn it down a bit ,this handy knob does the trick .

FEATURES

Bass Diver : The FX-BP131 contains a bass driver circuit that accurately recreates and injects Low frequency information back into the signal path.What that means in everyday terms is that the BASS BOOSTER will give more bass impact to your best compact discs or even your old tapes .

Bass Equalization Circuit: The FX-BP131 has a unique equalization circuit that contours the restored bass to your speaker systems .

Dash Mount remote control : The FX-BP131 comes with a Dash mountable Remote control that allows you to enjoy the effects of the FX-BP131 without having to leave the driver's seat. The Dash Mount Control has a LED indicator;this LED will glow brighter as you add more bass or dimmer when you decrease it .

Bass Maximizer Indicator: Not only does the FX-BP131 provide good music to your ears,but it also gives you some visual enjoyment as well.On the chassis of the FX-BP131 there is one LED under the logo "artconnection" that indicates the system is on .

PFM Subsonic Filter Switch : This Unique feature is legendary with its ability to fine tune , the bass response of any system,why waste power on nasty subsonic information when PFM Subsonic Filter Switch can help you to clean things up ?

Bass Output Control: The FX-BP131 has the ability to produce large amounts of deep,mind shattering bass without damaging your speakers,The Bass Output control circuit allows the FX-BP131 to maximize the bass output of any auto sound audio system while restraining destructive bursts.

TROUBLE SHOOTING GUIDE

If the Unit does not turn-on ,and/or the power Indicator LED is NOT illuminated , do this;

- 1) Check and make sure that B+ and GND are not reversed
- 2) Check that all power wires are properly connected and have the appropriate potential(11-16 Volts)
- 3) Check that the fuse is intact,

If you experience high audible distortion or low output volume:

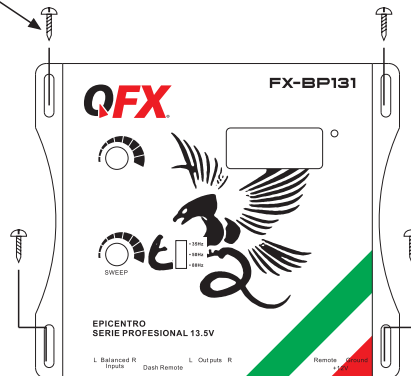
- 4) Check that the input and output levels are set correctly. Input should match the source and output should match the sensitivity of the host.
- 5) Check the crossover settings; make sure they are correct; for High "Q" ayetems,Set it 1 octave or more above.

If you experience whining or engine noises:

- 6) Verlfy that the GND connection is secure, the conductor (wire) is not too thin and unnecessarily long.
- 7) Check that the B+ wire is not too thin and unnecessarily long.
- 8) Change the power source; try taking power from a different point.

INSTALLATION

TAPPING SCREW



Adjusting the Bass controls

The bass response in a system is affected by four factors:

- (1) The acoustics of the vehicle
- (2) The locations of the speakers
- (3) The music on the tape
- (4) Speakers and speaker enclosures.

Because of the variations in the recording process, we developed FX-BP131 to restore any low frequencies lost during the recording process: however, the acoustics of various environments are different.

The Sweep control allows you to select a center frequency (the frequency most affected) between 27 and 63hz. The width control then allows you to control the shape of the filter centered on the sweep frequency.

Setting the Bass Output Control

The FX-BP131 is the most powerful bass component. This device is equipped with several/different bass, output selections. If you should need to change the settings, please use the chart below for guidance as recommended. Listen to the factory setting before changing your bass output settings.

Recommended Settings

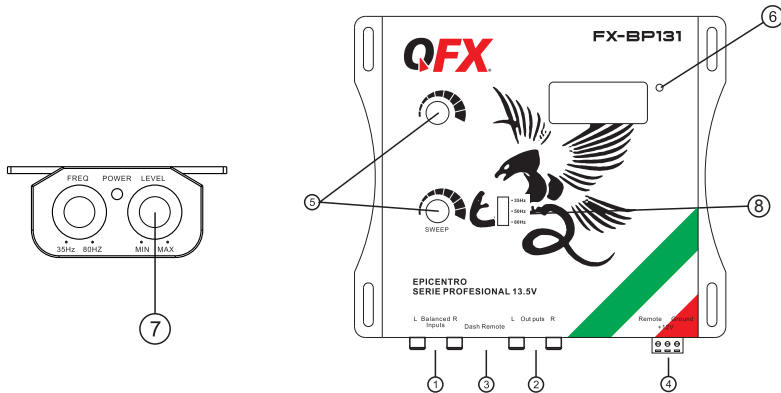
Setting	Amplifier input Voltage	Minimum Speaker Size
2.5Volts	3.0Volts or less	8inch
5.0Volts	5.0Volts or less	10inch
7.5Volts	7.5Volts or less	15inch
10Volts	10Volts or less	15inch

SPECIFICATIONS

Maximum Input Level	15V rms
Maximum Output Level.....	13.2V peak
Frequency Response.....	10Hz-35Khz
T.H.D.....	0.0025%
Signal to Noise Ratio.....	133 dB
Balanced Input Noise Rejection.....	>62 dB
Input Impedance.....	10K ohms
Output Impedance.....	150 Ohms
Power Supply.....	High Headroom PWM
Power Draw.....	150mA

FUNCTIONS

THE OUTSIDE



1. Inputs: The inputs of the FX-BP131 use a balanced input circuit to help minimize Induces holse. They are also designed to handle ,very high voltage up to 15volte.
2. Outputs :These RCA connectors should be connected to the next component after the FX-BP131 as a crossover,equalizer,or amplifier. Just remember,the FX-BP131 should go inline before a crossover.
- 3.Dash Remote Control
- 4.Power Connector
- 5.BASS Controls: These 2 knobs control the Bass functions of the FX-BP131
The SWEEP knob allows you to pick the center frequency that you want the FX-BP131 bass restoration circuit to maximize. The WIDE knob adjusts how wide of a frequency range the FX-BP131 will affect.
- 6.Power On LED
7. SUB volume control
8. Frequency adjustment, adjustable to 35Hz, 50Hz, 80Hz

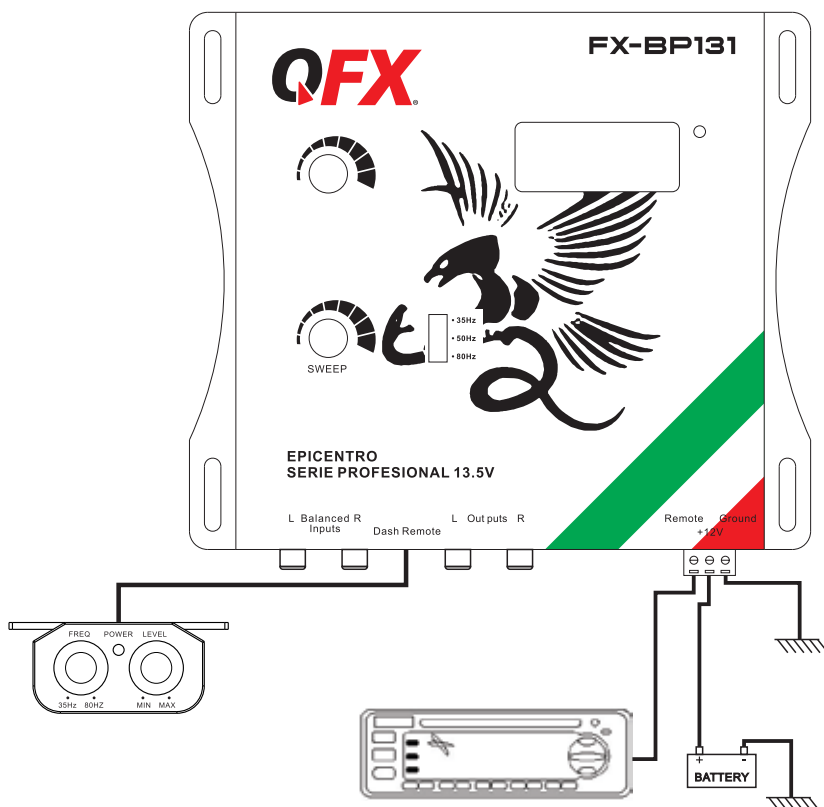
ELECTRONIC CONNECTIONS & WIRING

Power Connection

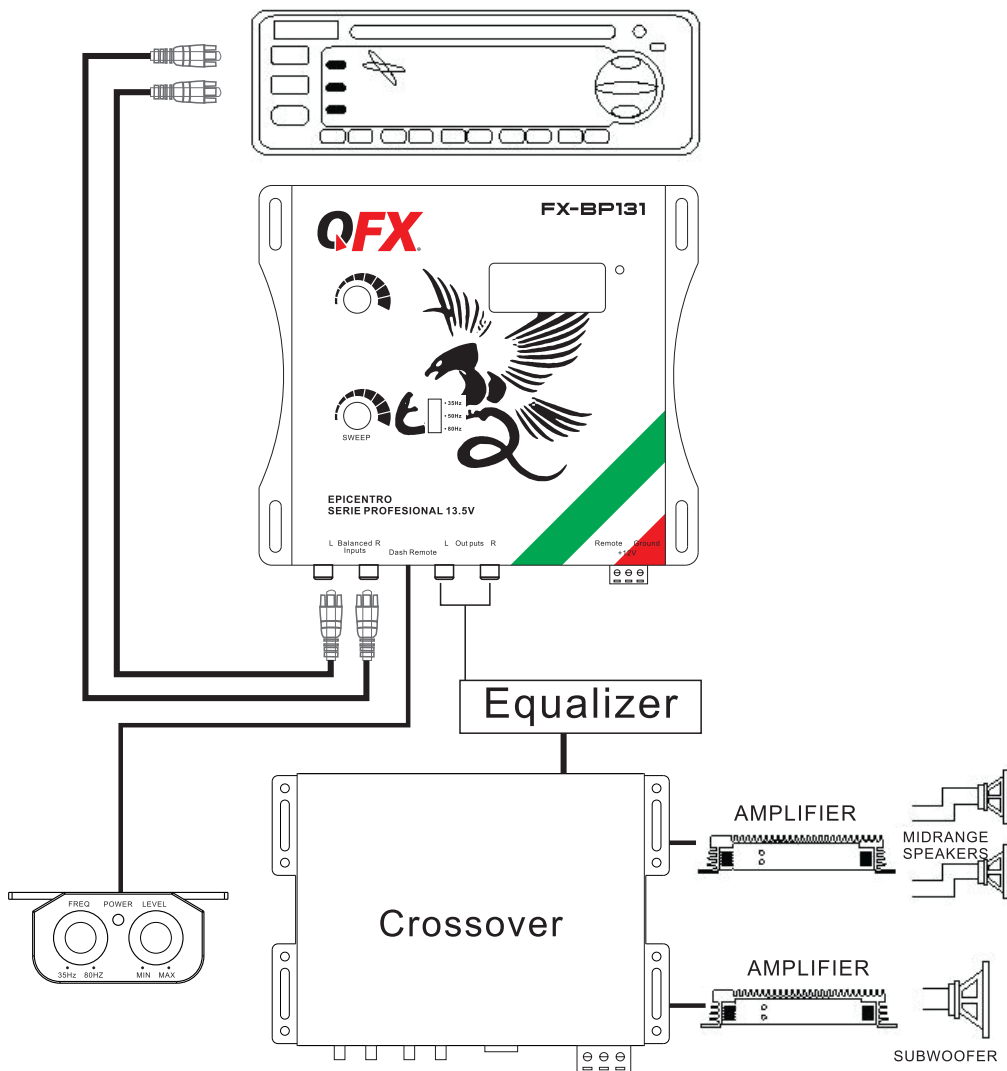
B+(12V) Connect a red wire to the car battery or other power source.

REMOTE : Connect an orange wire to remote activation(12V DC) wire of car stereo or equalizer.

GND :Connect a black wire to the car chassis for ground connection.



SIGNAL CONNECTION



NOTE: For signal connection, the output RCA connections should be connected to the next component after the FX-BP131, such as a crossover, equalizer, or amplifier, just remember, the FX-BP131 should go inline before a crossover.

Specifications subject to change without notice.

THANK YOU.

QFX Where the Party Begins!

We would love to hear about your FX-BP131 journey!
Tag us **@QFXUSA** to share your stories.

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