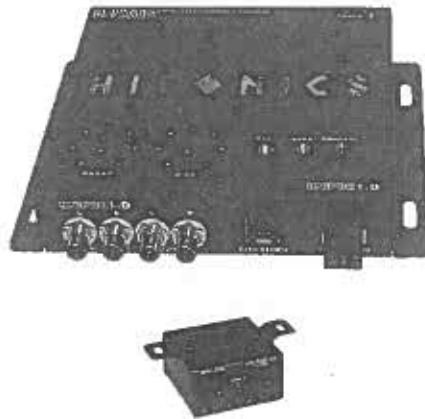


# HIFONICS

## OPERATING INSTRUCTIONS

BEFORE OPERATING THE UNIT, PLEASE READ THIS MANUAL THOROUGHLY AND RETAIN IT FOR FUTURE REFERENCE



## OWNER'S RECORD

THE MODEL AND SERIAL NUMBERS ARE LOCATED ON THE BOTTOM OF THE UNIT.  
RECORD THE SERIAL NUMBER IN THE SPACE PROVIDED BELOW.  
REFER TO THESE NUMBERS WHENEVER YOU CALL UPON YOUR DEALER REGARDING  
WARRANTY.

**MODEL No.: BXiPRO1.0**

## INTRODUCTION

Congratulations on purchasing the BXIPRO1.0, 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 BXIPRO1.0 would restore those long lost bass notes, with amazing accuracy and clarity.

There's 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 Driver:** The BXIPRO1.0 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 BXIPRO1.0 has a unique equalization circuit that contours the restored bass to your speaker systems.

**Dash Mount Remote Control:** The BXIPRO1.0 comes with a Dash Mountable Remote control that allows you to enjoy the effects of the BXIPRO1.0 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.

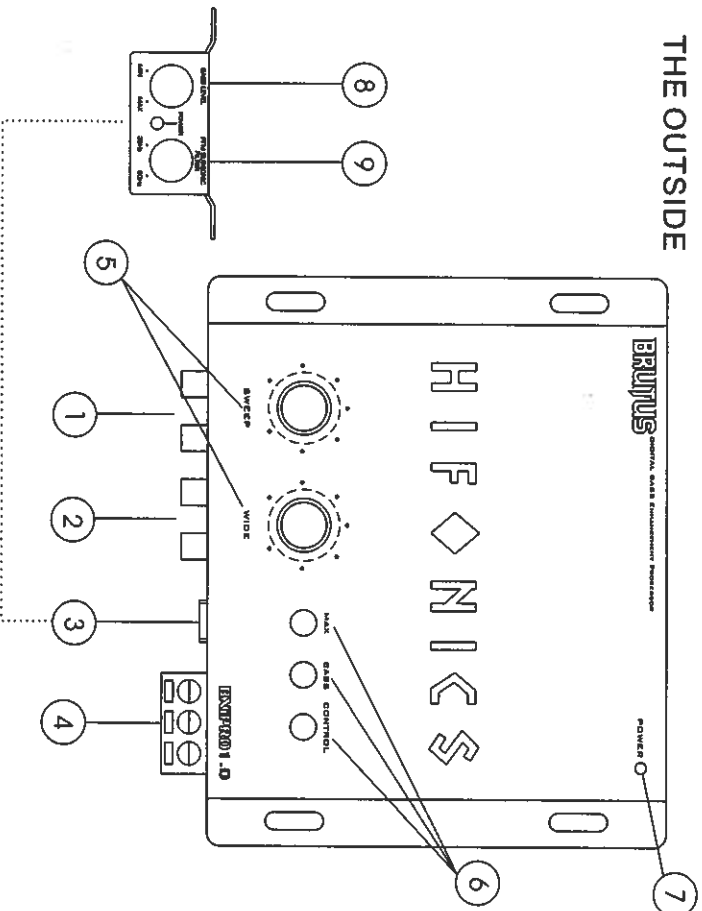
**Bass Maximizer Indicator:** Not only does The BXIPRO1.0 provide good music to your ears, but it also gives you some visual enjoyment as well. On the Chassis of the BXIPRO1.0 there is one LED under the logo "eurovox" that indicates the system is on.

**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 BXIPRO1.0 has the ability to produce large amounts of deep, mind shattering bass without damaging your speakers. The Bass Output control circuit allows the BXIPRO1.0 to maximize the bass output of any auto sound audio system while restraining destructive bursts.

## FUNCTIONS

### THE OUTSIDE



- 1. Inputs:** The inputs of the BXIPRO1.0 use a balanced input circuit to help minimize induced noise. They are also designed to handle, very high signal voltage up to 15volts
- 2. Outputs:** These RCA connectors should be connected to the next component after BXIPRO1.0 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 BXIPRO1.0 The SWEEP knob allows you to pick the center frequency that you want the BXIPRO1.0 bass restoration circuit to maximize. The WIDE knob adjusts how wide of a frequency range the BXIPRO1.0 will affect.
- 6. Bass Maximize Indicator:** These three LED indicators flash when the bass maximization circuit is activated.
- 7. Power On LED**
- 8. SUB VOLUME CONTROL**
- 9. Dash Subsonic Control**  
This knob control the subsonic frequency from 35Hz to 80Hz.

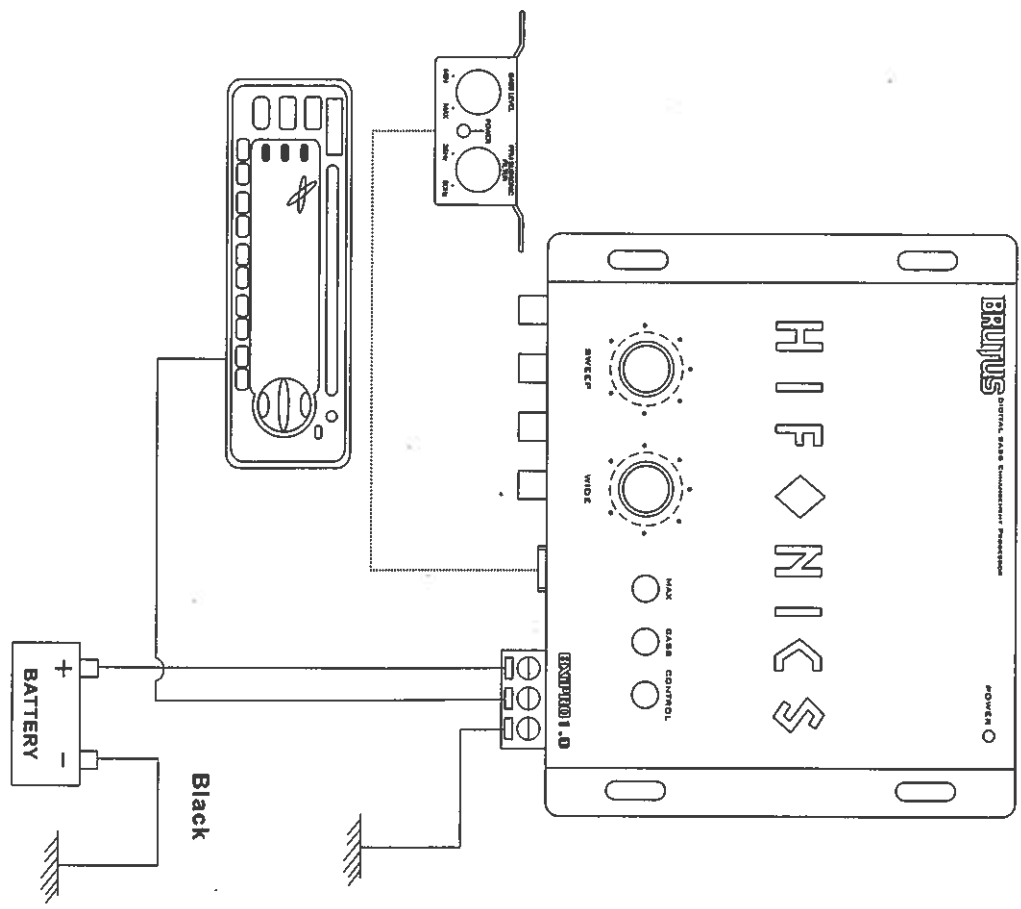
# ELECTRONIC CONNECTIONS & WIRING

## Power connection

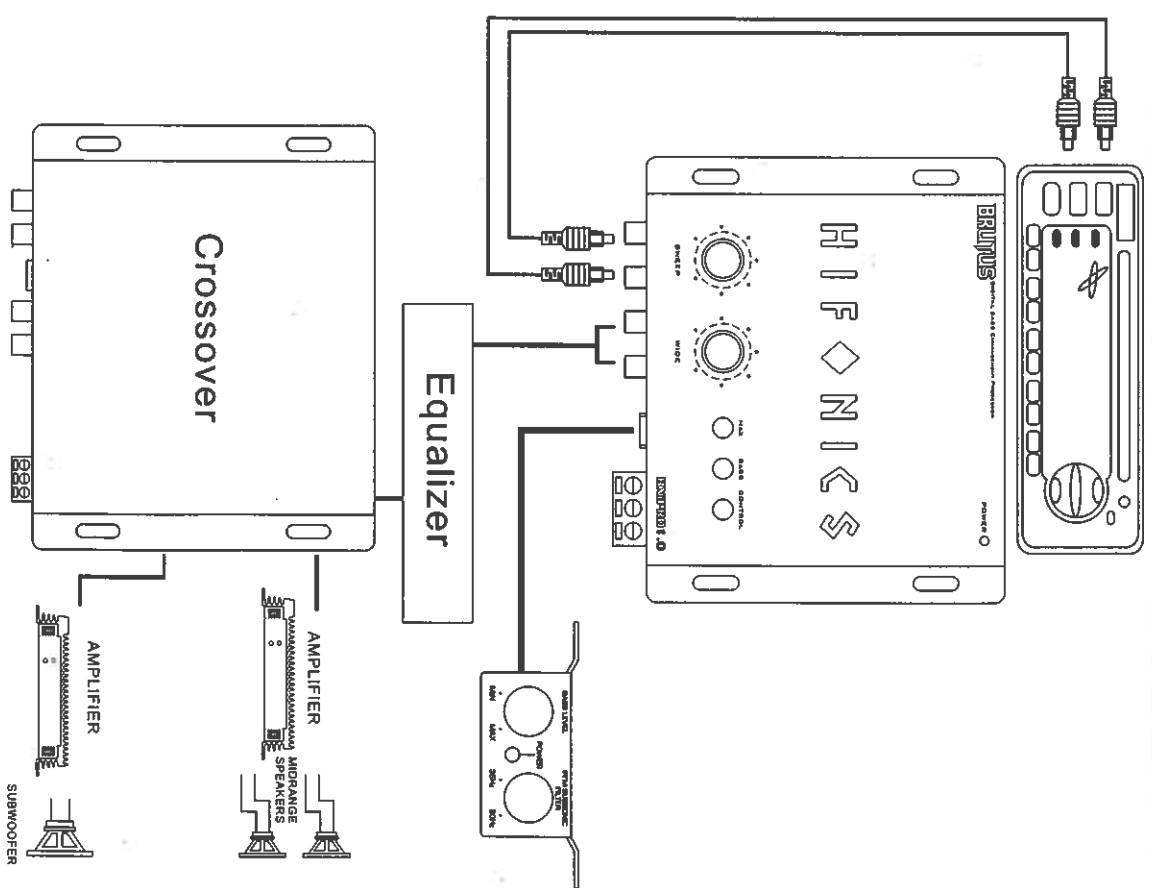
**B+(12V):** Connect a red wire to the car battery or other power source.

**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 connectors should be connected to the next component after the BX1P/R01.0, such as a crossover, equalizer, or amplifier, just remember, the BX1P/R01.0 should go inline before a crossover.

## 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 BXIPRO1.0 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 BXIPRO1.0 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	8"
5.0Volts	5.0Volts or less	10"
7.5Volts	7.5Volts or less	15"
10Volts	10Volts	15"

## 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

## 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 out put 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" systems, set it 1 octave or more above.

If you experience whining or engine noises:

- 6) Verify 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

