

MASSIVE[®]

DIGITAL BASS RESTORATION PROCESSOR

BASS[®] PRO[®]



Massive Audio, Inc.
P.O. Box 252004
Los Angeles, CA 90040 U.S.A.
www.massiveaudio.com

INTRODUCTION:

Congratulations!

Thank you for purchasing the MASSIVE BASSPRO, a bass frequency digital processor. This unique product is based on an advanced DSP technology, which extends the perceived bass frequency response below the physical low frequency cut off in an audio system. It is based upon psycho-acoustic effects. The key processor includes an advanced digital optimized DSP, sigma delta Analog-Digital Converter and Digital-Analog Converter with high quality analog circuitry. You will definitely enjoy how great the **BASSPRO** will make your bass deeper and stronger.

MASSIVE products are the result of advanced craftsmanship which uses the highest quality components and strict quality control standards in order to provide you with a long joyful listening journey.
(Please see the warranty section for more details.)

Please read this manual thoroughly to ensure that you can get the maximum benefit from this new component. When installed properly, this unit will provide you with years of trouble-free performance. To install and use this component properly, please record the following information which will help you protect your investment.

Model #: _____

Dealer's Name: _____

Date of Purchase: _____

Installation Shop and Date: _____

DESIGN FEATURES

- ☒ Digital psycho-acoustic bass extension
- ☒ More bass with less power consumption
- ☒ LCD frequency & restoration % monitor
- ☒ Variable extended frequency
- ☒ Variable extended depth
- ☒ Input clip indicator to easily match signal level
- ☒ Bass remote controller
- ☒ Adjustable input and output level
- ☒ Built-in 9v Line Driver

BASSPRO FUNCTIONS

1 LCD Display

Main interface to users. This displays the restored bass frequency and the bass depth (how strong the restored bass performance is). Fig.2 shows the LCD display content. 'F:' means the restored center frequency and 'D:' means the depth of the restored bass.

2 Frequency Adjust Knob

This knob adjusts the bass frequency you want to restore. Normally you should select the frequency lower than your subwoofers physical cutoff frequency. BASSPRO has 10 frequency points, they are 25Hz, 27Hz, 31Hz, 36Hz, 42Hz, 50Hz, 63Hz, 83Hz, 125Hz and 250Hz. For example, If you're using a 12" woofer, 36Hz or 42Hz may be a good choice.

Turn this knob clockwise, the frequency will increase, turn counterclockwise, the frequency will decrease. This unit has a endless knob controller.

3 Restored depth Adjust Knob

This knob adjusts how strong the restored bass is. We call it depth, the depth value can be adjusted from 0% to 100% and the adjustment step is 5%. Turn this knob clockwise and the depth will increase, turn it counterclockwise and the depth will decrease. When the depth is 0%, that means BASSPRO only passes by the signal and will not have the bass extension function. When the depth is at 100% the BASSPRO output has the strongest restored bass signal. You can adjust at different percentages according to your whole systems performance. This unit has an endless knob controller.

4 Input clip indicator

This LED shows if the input level has clipped.

If the input level is too high, this LED will light up. Please adjust the input level knob so this LED seldom or never lights up. If this LED lights frequently or continuously, your bass may be seriously distorted.

5 Input level control

Adjust the input level to match the source units output level.

Check the clip indicator when adjusting this knob, if the clip indicator starts to flash frequently, please turn down the input level to maintain a clear, undistorted sound.

6 Output level control

Adjust the output level to match different amplifiers signal level requirements.

7 RCA audio-in/output

Connect high quality RCA cables from the source unit to BASSPRO input and from the BASSPRO output to the amplifiers input. Leave these cables as far as possible from the other cables.

8 Remote controller connector

The remote level controller will allow you to adjust BASSPRO output level easily from the drivers seat.

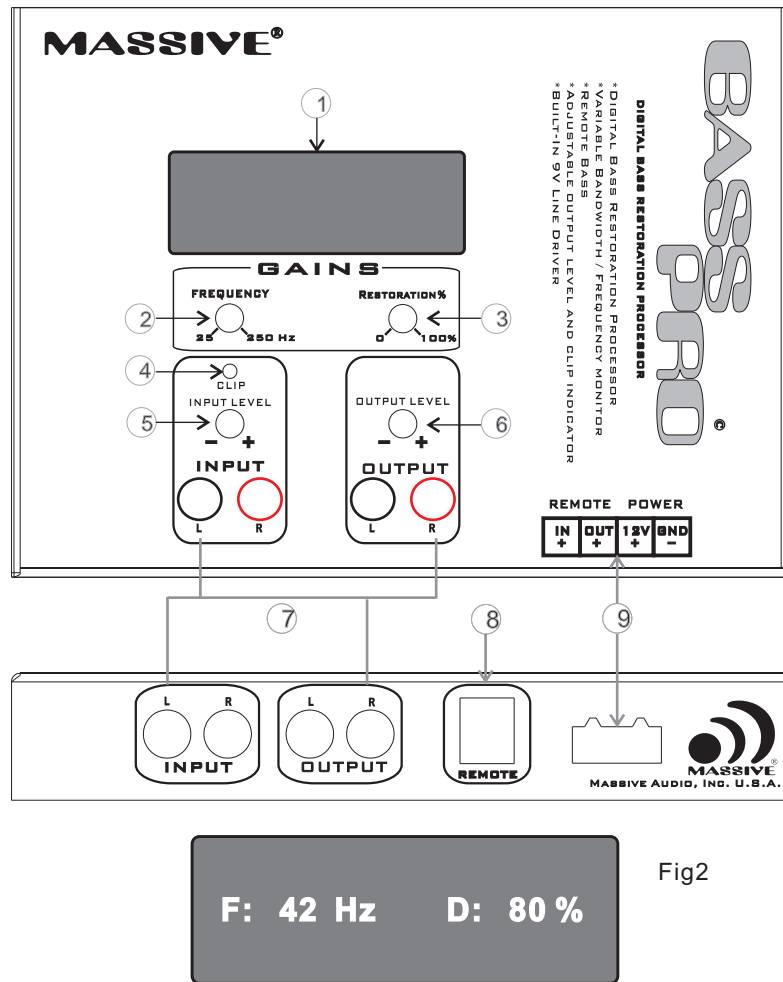
9 Power and Remote connector

Remote IN should be connected with source unit's remote out terminal. Then BASSPRO can switch on and off automatically with source unit.

Remote out signal is buffered from remote in. You can use this signal to turn on/off the amplifier by connecting this signal to amplifiers remote in terminal.

The +12V and Ground terminal is the main power supply to BASSPRO, a 10A inline fuse must be installed near the battery "+" terminal of 20CM, the ground terminal should be connected to a massive grounding point of car chassis.

BASSPRO FUNCTIONS



WARRANTY

- Massive Audio, Inc. warrants all manufactured products to be free from defect in material and workmanship for a period not to exceed **TWO YEARS*** from the date of original purchase when installed by an authorized “Massive Audio” dealer. Units that are not installed by an authorized “Massive Audio” dealer maintain a warranty not to exceed 90 days from the original purchase date by the original purchaser.
- Products that displays abuse such as power deficiency, over driving the processor or clipping the input require purchase of new PCB for replacement.**
- “Massive Audio” obligations under this warranty are limited to repairing or replacing, at its own sole option, any such defective products. This warranty does not apply to equipment that has been damaged by accident, negligence, or misapplication or has been altered or modified in anyway. This warranty applies only to the original purchaser who must have properly registered the product within 10 days of purchase.

Except as provided herein, Massive Audio, Inc. makes no warranties or representations, express or implied, including any warranty implied by law, whether for merchantability or fitness for a particular purpose and shall be effective only for the period that this express warranty is effective. SEE THE WARRANTY REGISTRATION CARD TO ADDITIONAL INFORMATION.

*DUE TO CONSTANT IMPROVEMENT PRICES AND SPECS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTIFICATION.