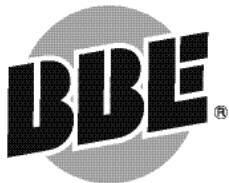


# MIND BENDER™

## Owner's Manual



## **A forward from Will Ray**

**"For many years I have been searching for the ultimate pedal that simulates a rotating Leslie speaker. I have tried many different brands and models only to be disappointed in the end. When BBE approached me to help develop a new pedal I jumped at the chance. The result is the BBE Mind Bender.**

**This pedal is the real deal! It not only simulates a rotating speaker, but with its unique vibrato and pitch bending capabilities it can create a lot of other sounds too. It's like some kind of monster chorus unit on acid and I know that you'll feel the same way when you plug into it.**

**The Mind Bender: Because you never know just where your mind will go when you use it. Enjoy the ride!"**

A handwritten signature in black ink that reads "Will Ray". The signature is stylized, with the first name "Will" written in a cursive-like font and the last name "Ray" written in a more fluid, looped cursive style.

# **Thank you for your purchase of the Mind Bender!**

**The Mind Bender is an analog Vibrato/Chorus that utilizes a BBD (Bucket Brigade Delay) circuit and was patterned after two rare vintage pedals; the Boss\* VB-2 Vibrato (Pitch Vibrato) and Way Huge Electronics\* Blue Hippo™ (Analog Chorus).**

## **Features Include:**

- **Speed and Depth controls**
- **On/Off Status L.E.D. pulses rate of Speed control (when effect on)**
- **Vibrato/Chorus Mode switch**
- **Vibrato/Chorus Status L.E.D. (always illuminated)**
- **True Hardwire Bypass**
- **5 Year warranty**

**We recommend reading this manual to familiarize yourself with all of the features of the Mind Bender before using. Should you have any questions, please contact BBE at 800-233-8346**

\*Boss VB-2 is a trademark of Roland Corp.

\*Blue Hippo is a trademark of Way Huge Electronics

## **Contents Check List:**

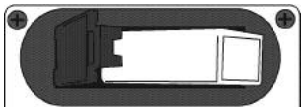
- **Mind Bender**
- **Mind Bender Owner's Manual**
- **9volt power adapter (North America Only)**
- **9volt battery**

**If any of these items are found to be damaged or missing, please contact the dealer from which the unit was purchased.**

## **Installing Battery:**

**Pull the latch to the left with thumbnail to release the hinged battery compartment cover. Carefully unplug battery without straining cables. Replace with fresh battery in reverse order.**

**Use a standard 9Volt battery. Battery life is about 100 hours. Unplugging the input to the Mind Bender will turn the unit off and conserve battery life.**

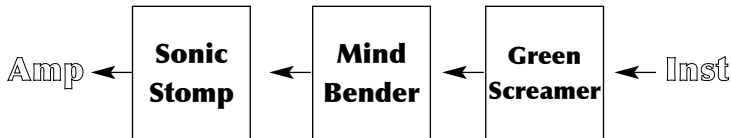


## Getting Started

- 1. Input**
- 2. Output**
- 3. On/Off (Effect/Speed Status) L.E.D.**
- 4. On/Off footswitch**
- 5. Vibrato/Chorus Mode footswitch**
- 6. Vibrato (Green)/Chorus (Yellow) Status L.E.D.**
- 7. Speed control**
- 8. Depth control**
- 9. Power Supply Inlet**



## Applications

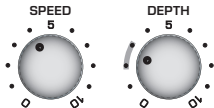


**We recommend that you place the Mind Bender into an amplifier's Effects Loop or after any overdrive/distortion effect for the most natural effect, but please feel free to experiment.**

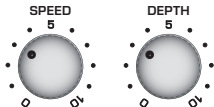
**\* When using a Sonic Stomp we recommend placing it last in the signal chain and as close to your amp as possible.**

## Sample Settings

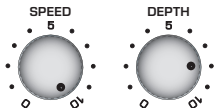
**Imaging  
Vibrato**



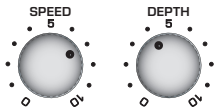
**Neil  
Young  
Vibrato**



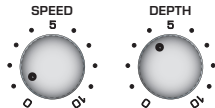
**Will Ray  
Space  
Vibrato**



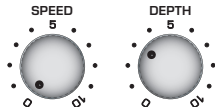
**Will Ray  
Faux  
Leslie  
Vibrato**



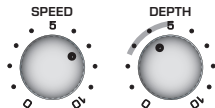
**Purple  
Rain  
Chorus**



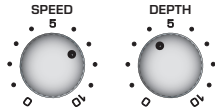
**Rotary  
Chorus  
(slow)**



**Rotary  
Chorus  
(fast)**



**Will Ray  
Faux  
Leslie  
Chorus**



## **Service**

**There are no user serviceable parts inside. Should the Mind Bender require service please contact our Service Department for a Return Authorization at:**

**BBE Sound, Inc.**

**800-233-8346**

**Ext.116**

**For service outside of North America please contact your local distributor.**

**For a listing of BBE Distributors log on to:  
<http://www.bbесound.com/distributors/dist.asp>**



## Technical Specifications

**Input Impedance:** \_\_\_\_\_ **1Meg Ohms**

**Output Impedance:** \_\_\_\_\_ **1K Ohm**

**Hardwire Bypass** \_\_\_\_\_ **Yes**

**Power Requirements:**

**DC inlet:** \_\_\_\_\_ **+9VDC min. 200ma**

**Battery Life:** \_\_\_\_\_ **100 hours**

**Dimensions:** \_\_\_\_\_ **3.7"(W) x 4.7"(D) x 1.8"(H)**

**Shipping Weight:** \_\_\_\_\_ **1.8 lbs.**

**Note: Due to continuing product improvement, specifications and design are subject to change without notice.**

## Warranty

Warranty registration of the unit to BBE Sound, Inc. is not necessary. It is strongly recommended that you retain a copy of the bill of sale for future reference.

IT IS THE SOLE RESPONSIBILITY OF THE END USER TO PROVIDE THE BILL OF SALE OR OTHER MEANS OF PROOF OF PURCHASE TO VALIDATE THE WARRANTY IF WARRANTY SERVICE IS REQUESTED.

The BBE Mind Bender is warranted against defects in material and workmanship for a period of five (5) years from date of purchase from BBE Sound Inc. or from an authorized dealer. During this period, we will repair units free of charge providing that they are shipped prepaid to:

BBE Sound, Inc.,  
5381 Production Drive,  
Huntington Beach, CA 92649.

We will pay return UPS shipping charges within the USA. All charges related to non-UPS shipping, including customs clearance, will be billed. The warranty will be honored for the longer of either 90 days from the date of any service or the

remainder of the original 5 Year factory warranty. This warranty will be consider null and void by BBE Sound, Inc. if any of the following is found:

1. The equipment has been physically damaged.
2. The equipment shows signs of abuse.
3. The equipment has been electrically damaged by improper connection or attempted repair by the customer or a third party.
4. The equipment has been modified without authorization.
5. The bill of sales indicates that the purchase date of the equipment is not within the warranty period.

All non-warranty repairs are warranted for a period of 90 days from the date of service.

BBE Sound, Inc. is NOT LIABLE FOR CONSEQUENTIAL DAMAGES. Should the unit fail to operate for any reason, our sole obligation is to repair it as described above.

DO NOT RETURN ANY PRODUCT TO THE ABOVE ADDRESS WITHOUT INSTRUCTIONS AND AUTHORIZATION ISSUED BY THE ABOVE LOCATION.

# Important Safeguards

For your protection, please read these safety instructions completely before operating the appliance, and keep this manual for future reference.

Carefully observe all warnings, precautions and instructions on the appliance and described in the operating instructions supplied with the appliance.

## INSTALLATION

**Water and Moisture** - Do not install the appliance near water: for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.

**Heat** - Do not install the appliance near sources of heat such as radiators, heat registers, stoves, or other appliances that produce heat.

**Ventilation** - Situate the product so its location or position does not interfere with its proper ventilation. For example, you should not place the product on a bed, sofa, rug, or similar surface that might block the vent openings, or placed in a built-in installation, such as a bookcase or cabinet that might impede the flow of air through the ventilation openings.

**Wall or Ceiling Mounting** - If your appliance can be mounted to a wall or ceiling, mount it only as recommended.

**Accessories** - Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or



sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

## USE

**Power Source** - Connect the appliance to a power supply only of the type described in the operating instructions or as marked on the appliance.

**Power-Cord Protection** - Route the power cord so that it is not likely to be walked on or pinched by having objects placed on it, paying particular attention to the plugs, receptacles, and the point where the cord exits from the appliance.

**Grounding or Polarization** - Do not defeat the grounding or polarization feature of the AC power cord. If your AC receptacle will not accept the power cord plug, contact your electrician to install a proper AC receptacle.

**When not in use** - Unplug the power cord of the appliance from the outlet when left unused for a long period of time. To disconnect the cord, pull it out by grasping the plug. Never pull the plug out by the cord.

**AC Receptacle** - Check to make sure that the AC recepta-

## WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

**ATTENTION: RISQUE DE CHOC ELECTRIQUE- NE PAS OUVRIR.**



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point, within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

cle holds the power cord plug firmly and securely. If the power cord plug is loose, contact your electrician to replace the defective and unsafe AC

**Foreign Objects** - Be careful that foreign objects and liquids do not enter the enclosure through openings.

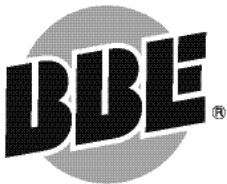
**Cleaning** - unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

## SERVICE

Unplug the appliance from the wall outlet and consult qualified service personnel when:

- the power cord or the plug has been damaged.
- a solid object or liquid has fallen into the cabinet.
- the appliance has been exposed to rain or moisture.
- the appliance does not appear to operate normally or exhibits a marked change in performance.
- the appliance has been dropped, or the enclosure damaged.

Do not attempt to service the appliance beyond that described in the operating instructions. For all other servicing, refer to qualified service personnel only.



**5381 Production Drive  
Huntington Beach, CA 92649  
714-897-6766 • FAX 714-896-0736**

**[bbesound.com](http://bbesound.com)**

BBE is the registered trademark of BBE Sound, Inc.