



# FREE THE TONE

## HEAT BLASTER/HB-2

### User's Guide

Thank you for choosing a Free The Tone product. Please read this user's guide thoroughly to ensure that you'll benefit fully from the advanced features, performance, and reliability your Free The Tone product is designed to provide.

## About the Product

The HEAT BLASTER delivers a truly modern distortion sound, with a tone control plus high-cut and low-cut switches for additional tonal adjustment. The high-cut switch attenuates the presence frequencies in order to produce a mellow tone that retains good projection. With the high-cut switch engaged you can use the tone control to achieve the required degree of projection. This type of setting is ideal for solos. The low-cut switch attenuates the low frequencies, making it easy to attain an ideal blend with bass and drums for a well-balanced band sound. The low-cut switch affects low frequencies that normally cannot be adjusted using amplifier tone controls.

A special true bypass circuit is adopted to switch the effect on and off, so the signal only passes through one set of contacts when bypassed.

## Precautions

Inserting or removing a plug from the input jack while the unit's output is connected to an amplifier/speakers can cause noise that can damage the speakers.

If the unit malfunctions or behaves abnormally, cease operation immediately and refer the problem to the supplier.

If the unit will not be used for an extended period of time, remove the battery to prevent damage due to chemical leakage from the battery.

When the battery voltage drops too low for proper operation the effect sound may become weak, the output level may drop, or no output will be produced at all. Be sure to replace the battery as soon as possible if such symptoms occur.

## Battery Replacement

To replace the battery, remove the bottom panel by unscrewing the four screws that hold it in place. Use a 9-volt 006P type battery. Be careful not to apply excessive force to the wiring when changing the battery to avoid broken connections and other damage.

## Specifications

- Input Impedance: 330k $\Omega$
- Output Load Impedance: 10k ohms or greater
- Controls: DRIVE, TONE, LEVEL, Hi Cut Switch, Low Cut Switch
- Connectors: 1/4-inch phone jack (INPUT and OUTPUT)  
DC9V input jack (AC adaptor jack)
- Power Supply: 9V battery or AC adaptor
- Power Consumption: DC9V, approx. 7mA
- Dimensions: 123 (D) x 100 (H) x 52 (H) mm
- Weight: 330g approx. (Not including battery)

Specifications and appearance subject to change without notice.

## Warning regarding Battery

In addition to indicating the pedal's on/off status, the LED provides effective visual battery power monitoring. When the battery voltage drops below 6 volts the LED will become dimmer and begin to go out. The effect will still operate at this voltage, but to ensure optimum performance the battery should be replaced as soon as possible.



# FREE THE TONE

## SAFETY PRECAUTIONS

Precautions are identified by the two types of symbols below:

### **Warning**

This symbol indicates that a risk of death or serious personal injury may result if precautions are ignored.

### **Caution**

This symbol indicates that a risk of serious personal injury or material damage may result if precautions are ignored.

**Be sure to read these precautions and the user's manual before using this product.**

### **Warning**

Never try to disassemble, or modify the unit.

Discontinue use in case of a problem.

Stop using the unit if you notice smoke or a strange odor coming from it and unplug the AC adapter from the outlet.

Never try to repair the unit or replace parts unless so instructed by the user's manual. For other repair or parts replacement contact your original dealer or Free The Tone.

Never try to unplug the AC adapter while your hands are wet.

Do not apply too much pressure or tension or place a heavy object on the power cord. Doing so may damage the power cord and create a danger of fire or electrical shock.

Turn off the unit and unplug the AC adapter from the outlet and contact your original dealer or Free The Tone for repair in the case of any of the following:

*The power cord is damaged or foreign objects (coins, pins etc.) or liquid enter the unit.*

*The unit gets wet from rain or other liquid.  
The unit is out of order.*

The unit becomes excessively hot.

Never cover the AC adapter with cloth or other objects. Built-up heat can deform the case or cause a fire hazard.

### **Caution**

Don't use or store the unit in environments where it will be exposed to:

*Extreme temperatures (direct rays of the sun, heat sources such as radiators or stoves.)*

*High humidity or moisture.*

*Excessive dust or sand.*

*Excessive vibration or shock.*

Whenever leaving the unit unattended for long periods, be sure to unplug the AC adaptor from the power source to avoid creating a fire hazard.

Always insert batteries correctly with regard to polarity (+ and -) marked on the battery and the equipment.

Remove batteries from equipment if it is not to be used for an extended period of time.

Take care not to drop the unit, and do not subject it to excessive pressure or weight.

Don't press the switch on the unit with a bare foot, or unexpected injury may result.

Do not use abrasive cleanser, wax, or solvents (such as paint thinner or cleaning alcohol) on the unit, since these may dull the finish or damage the surface.

### **Support/Service**

**Contact the following for support and/or repair service**

e-mail address:

**[overseas@freethetone.com](mailto:overseas@freethetone.com)**