

Providence®

HEAT BLASTER HBL-4 OWNER'S MANUAL

Thank you for choosing Providence. In order to take full advantage of the product's features and performance, please read this manual thoroughly and keep it in a safe place for future reference.

HEAT BLASTER Features

- The HBL-4 Heat Blaster distortion pedal delivers thick, creamy distortion with rich overtones and fast attack, much like the distortion produced by modern high-gain tube amplifiers. This is tone that will stand out in just about any band situation. Picking nuances come through without getting buried in deep distortion, and the Heat Blaster can be used in combination with the clean channel of a multi-channel amplifier to deliver the full impact of performance details.
- The 9-volt power supply is internally boosted to 18 volts to avoid the compression that is common in distortion pedals, maintaining a wide, expressive dynamic range.
- A BASS BOOST switch can be used to boost the low frequencies just enough to add solid authority to the sound.
- In conventional "true bypass" circuits, the signal passes through two sets of switch contacts when the effect is bypassed. The Heat Blaster features a Single Contact True-bypass circuit in which the signal only passes through one set of contacts in bypass mode. This increases reliability while maintaining the highest possible sound quality at all times.
- Improved output jack grounding is achieved with a D.C.G (Double Contact Ground) circuit that contacts the mono plug ground sleeve at two points rather than one. Increased ground contact area minimizes intermittent connections while ensuring maximum sonic quality.
- The Heat Blaster LED indicates more than just whether the effect is ON or OFF. It also provides a visual indication of battery health by dimming when the battery voltage drops below approximately 7 volts. The effect will still function when the LED begins to dim, but the battery should be replaced as soon as possible to ensure optimum performance.

Controls & Functions

- ① DRIVE : Adjusts distortion depth. Rotate clockwise for more distortion.
- ② TONE : Adjusts full-range tonal balance. Turn clockwise to emphasize the midrange and add "edge" to the sound.* Low-frequency compensation is applied at the same time to prevent the sound from becoming thin.
* Turning this control clockwise also increases overall level. Use the LEVEL control to compensate as necessary.
- ③ LEVEL : Adjusts the level of the output signal when the effect is ON. Rotate counterclockwise to decrease the output level, or clockwise to increase the output level.
- ④ BASS BOOST Switch : Boosts the low frequency range when engaged. Flip the switch upward to boost the lows.
- ⑤ LED Indicator : Lights when the effect is ON. The LED will start to dim when the battery voltage drops below approximately 7 volts. The effect will still function when the LED begins to dim, but performance may not be optimum and the battery should be replaced as soon as possible.
- ⑥ IN : The output from a guitar, electronic musical instrument, or preceding effect pedal should be connected here.
- ⑦ OUT : This jack should be connected to the input of an amplifier or effect unit.
- ⑧ ON/OFF Footswitch : Turns the effect ON or OFF.
- ⑨ DC9V INPUT : The DC output cable of an optional AC adaptor can be plugged in here.

Main Specification

- Controls: LEVEL, TONE, DRIVE, BASS BOOST
- Connectors: 1/4-inch phone jack x 2 (INPUT and OUTPUT), DC 9V input jack (AC adaptor jack)
- Power Supply: 9V battery or AC adaptor (not included)
- Power Consumption: DC9V, 15mA approx.
- Dimensions: 115(D) x 73(W) x 50(H) mm
- Weight: 250 g approx. (Not including battery)

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.

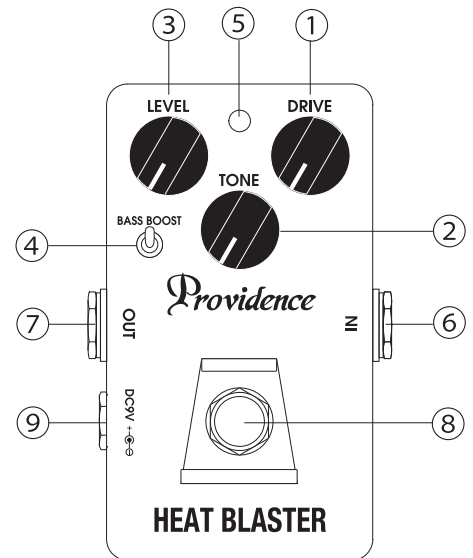
Precautions

- 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.
- Use only an AC adaptor with internal voltage regulation.
- 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.

Troubleshooting

If the indicator LED does not light: Replace the battery with a new one or connect an appropriate AC adaptor.

* Specifications and appearance are subject to change without notice.



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