

HARLEY BENTON

Owner's Manual

HM-100 HEAVY METAL

Instructions

Thanks for purchasing our product. In order to make the best use of HM-100, please read the following carefully.

Features

The HM-100 equips with dual gain circuitry. Create the unbelievable distortion with the precise setting of the pedal, which offers the most versatile distortion with endless sustains and huge mid and low sound. The distortion covers vintage sound in '70s metal to pup sound of neo-metal.

Battery Replacement

- Loosen the screw on the pedal to open it.
- Remove the battery from the battery compartment and disconnect the battery cable.

- Connect a new battery to the battery cable and put it back in the battery compartment. Make sure the polarity of the battery is correct and the battery cable does not interfere with the spring or pedal cover.

- Push the coil spring into the spring base, then close the pedal.
- Insert the thumb screw into the guide bush hole and firmly tighten the screw.

Important Notes

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Don't use this apparatus near water.

- Clean only with dry cloth.
- Don't stick objects into ventilation openings. Install in accordance with the manufacturer's instructions.
- Don't stain areas where surfaces can be damaged by heat, moisture, or other factors (including solvents).
- Don't damage cables.
- WARNING: To reduce the risk of electric shock, do not expose this apparatus to rain or moisture.
- Protect the power cord from being walked on or pinched at the wall plug, especially at the plug, outlet, and the point where they exit from the apparatus.
- Unplug this apparatus during lightning storms or when unused for long periods of time.

- Non-serviceable parts inside. Refer to service manual for service personnel. Service is required when the power cord has been damaged, noisy, such as power supply cord or plug is damaged, liquid has been spilled on a hot coil, has fallen to the floor, the apparatus has been dropped, or the case or cover is broken.



Panel Description

- AC Adaptor Jack: Connector with an 9V DC power supply adaptor. The AC-Adaptor allows long and secure operation without worrying about battery life.

- Indicator LED: Use the proper supply for your area's Mains line voltage.

- High Knob: Use this control to adjust the high frequency of distortion for creating a fat and thick distortion.

- Mid Knob: Use this control to adjust the mid frequency of distortion. Turn this knob clockwise to emphasize high frequencies for creating a clear and sharp distortion.

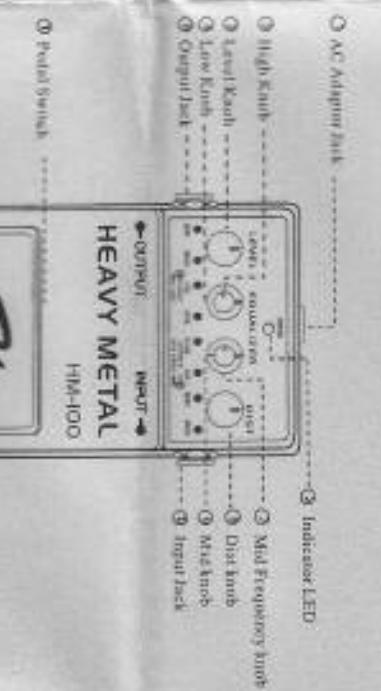
- Turn this knob clockwise to increase the mid frequencies for creating a tight distortion.

- Mid Frequency Knob: Use this control to adjust the frequencies of middle range (200Hz..5kHz). Turn this knob clockwise to raise the mid frequencies and counter-clockwise rotate the knob to lower the mid frequencies.

- Dist Knob: Controls the boost or cut of distortion. Turn this knob clockwise to increase the distortion sound, and counter-clockwise to decrease the distortion sound.

- Output Jack: Use this jack to connect an amplifier or other units for mono use.

- Pedal: Press the pedal turns the effect on and off.



Specification

Input Impedance.....1 MΩ
Output Impedance.....1 kΩ
Recommended Load Impedance.....10 kΩ or greater

Residual Noise.....-105dBu (IEC-A, Typ.)
Power Supply.....Input, Output, AC Adaptor Jack.....Input, Output, AC Adaptor

Controls.....Pedal Switch, Level, Low, High, Mid Frequency, Dist Indicator.....Check Indicator (Serves as battery check indicator)

Current Draw.....18mA (DC 9V)
Dimensions.....172*128*60 mm

Weight.....41kg (no battery)
Option.....AC Adaptor



- Connecting an instrument to this jack will automatically switch the unit on. Be sure to disconnect the cord from this jack when the unit is not being used.
- Before connecting or disconnecting any instrument, make sure that the volume of the amplifier is turned down.
- The output jack is to connect an amplifier or other units for mono use.

Connections