

User Manual

Harley Benton

Extreme Metal

Effects Pedal

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1 General information


This document contains important instructions for the safe operation of the product. Read and follow the safety instructions and all other instructions. Keep the document for future reference. Make sure that it is available to all those using the product. If you sell the product to another user, be sure that they also receive this document.

Our products and documentation are subject to a process of continuous development. They are therefore subject to change. Please refer to the latest version of the documentation, which is ready for download under www.thomann.de.

1.1 Symbols and signal words

In this section you will find an overview of the meaning of symbols and signal words that are used in this document.

Signal word	Meaning
DANGER!	This combination of symbol and signal word indicates an immediate dangerous situation that will result in death or serious injury if it is not avoided.
NOTICE!	This combination of symbol and signal word indicates a possible dangerous situation that can result in material and environmental damage if it is not avoided.

Warning signs	Type of danger
	Warning – danger zone.

2 Safety instructions

Intended use

This device is intended to be used for sound processing of signals from musical instruments with electromagnetic pickups. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

This device may be used only by persons with sufficient physical, sensorial, and intellectual abilities and having corresponding knowledge and experience. Other persons may use this device only if they are supervised or instructed by a person who is responsible for their safety.

Safety



DANGER!

Risk of injury and choking hazard for children!

Children can suffocate on packaging material and small parts. Children can injure themselves when handling the device. Never allow children to play with the packaging material and the device. Always store packaging material out of the reach of babies and small children. Always dispose of packaging material properly when it is not in use. Never allow children to use the device without supervision. Keep small parts away from children and make sure that the device does not shed any small parts (such knobs) that children could play with.



NOTICE!

Damage to the device if operated in unsuitable ambient conditions!

The device can be damaged if it is operated in unsuitable ambient conditions. Only operate the device indoors within the ambient conditions specified in the “Technical specifications” chapter of this user manual. Avoid operating it in environments with direct sunlight, heavy dirt and strong vibrations. Avoid operating it in environments with strong temperature fluctuations. If temperature fluctuations cannot be avoided (for example after transport in low outside temperatures), do not switch on the device immediately. Never subject the device to liquids or moisture. Never move the device to another location while it is in operation. In environments with increased dirt levels (for example due to dust, smoke, nicotine or mist): Have the device cleaned by qualified specialists at regular intervals to prevent damage due to overheating and other malfunctions.



NOTICE!

Damage to the external power supply due to high voltages!

The device is powered by an external power supply. The external power supply can be damaged if it is operated with the incorrect voltage or if high voltage peaks occur. In the worst case, excess voltages can also cause a risk of injury and fires. Make sure that the voltage specification on the external power supply matches the local power grid before plugging in the power supply. Only operate the external power supply from professionally installed mains sockets that are protected by a residual current circuit breaker (FI). As a precaution, disconnect the power supply from the power grid when storms are approaching or if the device will not be used for a longer period.



NOTICE!

Risk of fire due to incorrect polarity!

Incorrectly inserted batteries may cause fires and destroy the device and the batteries. Observe the markings on the batteries and on the device. Ensure that proper polarity is observed when inserting batteries.



NOTICE!

Possible damage due to leaking batteries!

Batteries can leak and cause permanent damage to the device. Take the batteries out of the device if it is not going to be used for an extended period of time.

3 Features

- Effects pedal for electric guitars
- Distortion
- Level, Boost and Drive controls
- Low, Mid and High 3-band-EQ controls
- Power supply via 9-V block battery or power adapter (both not included)

4 Installation and starting up

Unpack and check carefully there is no transportation damage before using the unit. Keep the equipment packaging. To fully protect the product against vibration, dust and moisture during transportation or storage use the original packaging or your own packaging material suitable for transport or storage, respectively.

Create all connections while the device is off. Use the shortest possible high-quality cables for all connections. Take care when running the cables to prevent tripping hazards.

Handle the device with care.

Do not try to disassemble or repair the device yourself if it is not working.

Do not use solvents such as alcohol to clean the device.

Power supply

You can either use a 9 V battery or the DC 9 V connection for an external power supply. Before connecting, check for correct polarity.

When you do not use the pedal unplug the instrument cable from the input jack. Otherwise, the battery will be discharged.

Changing the battery

To insert or change the battery, disconnect the power supply from the mains socket if in use. Turn over the device, press lightly on the battery compartment cover and slide it downwards in the direction of the arrow. Remove the cover. Insert/replace the 9V block battery in line with the polarity markings and push the cover back into its original position until it engages.



NOTICE!

Risk of fire due to incorrect polarity!

Incorrectly inserted batteries may cause fires and destroy the device and the batteries.

Observe the markings on the batteries and on the device.

Ensure that proper polarity is observed when inserting batteries.



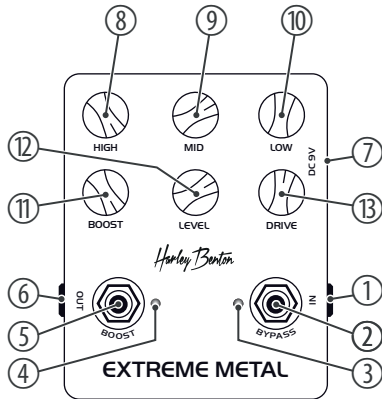
NOTICE!

Possible damage due to leaking batteries!

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Take the batteries out of the device if it is not going to be used for an extended period of time.

5 Connections and controls



- 1 *[IN]* | 6.35-mm jack socket for connecting instruments
- 2 *[BYPASS]* | Foot switch for enabling or disabling the pedal function
- 3 This LED lights when the effects pedal is in use. If the LED is off or dim while the effects pedal is in use, the battery is exhausted and must be replaced.
- 4 This LED lights when the boost pedal is in use. If the LED is off or dim while the boost pedal is in use, the battery is exhausted and must be replaced.
- 5 *[BOOST]* | Foot switch for enabling or disabling the pedal function
- 6 *[OUT]* | 6.35-mm jack socket for connecting an amplifier
- 7 *[DC 9V]* | Connection for the external 9V DC power supply. When an external power supply is used, the battery supply is cut off automatically.
- 8 *[HIGH]* | Turn this control to adjust the high frequencies.
- 9 *[MID]* | Turn this control to adjust the mid-range frequencies.
- 10 *[LOW]* | Turn this control to adjust the low frequencies.
- 11 *[BOOST]* | Turn this control to increase the high frequencies in the range from 3.5 kHz to 4.3 kHz. This provides a bright high-frequency sound for solo or rhythm parts.
- 12 *[LEVEL]* | Turn this control to adjust the output level.
- 13 *[DRIVE]* | Turn this control to set the degree of distortion.

6 Technical specifications

Input connections	Power supply	Socket for power adapter
	Instrument	6.35-mm jack socket
Input impedance		1 M Ω
Output connections	Amplifier	6.35-mm jack socket
Output impedance		600 Ω
Current consumption		25 mA
Power supply		External power adapter, 100 - 240 V ~ 50/60 Hz
Power adapter	Secondary current	200 mA
	Secondary voltage	9 V $\overline{\text{---}}$
	Polarity	Centre negative
Battery		9V block battery
International Protection Rating		IP20
Dimensions (W \times H \times D)		97 mm \times 55 mm \times 120 mm
Weight		410 g

Technical specifications

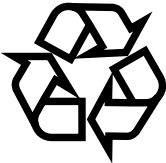
Ambient conditions	Temperature range	0 °C...40 °C
	Relative humidity	20%...80% (non-condensing)

Further information

Distortion	Yes
Metal	Yes
Overdrive	No
Fuzz	No
includes power supply	No, optionally available (item no. 409939)
includes battery	No, optionally available (item no. 417473)

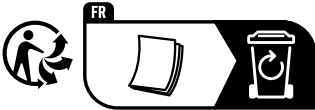
7 Protecting the environment

Disposal of the packing material



Environmentally friendly materials have been chosen for the packaging. These materials can be sent for normal recycling. Ensure that plastic bags, packaging, etc. are disposed of in the proper manner.

Do not dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the instructions and markings on the packaging.



Observe the disposal note regarding documentation in France.

Disposal of batteries

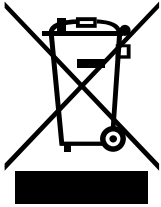


Batteries must not be thrown away or burnt, but must instead be disposed of in line with the local regulations on the disposal of hazardous waste. Use the available collection sites.

Before disposing of your old device, remove the batteries if this is possible without destroying it.

Dispose of the batteries or rechargeable batteries at suitable collection points or through your local waste facility.

Disposal of your old device



This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) as amended.

Do not dispose of your old device with your normal household waste; instead, deliver it for controlled disposal by an approved waste disposal firm or through your local waste facility. If in doubt, consult your local waste management facility. You can also return the device to a retailer if they offer to take the device back for free or if they are legally obliged to do so. When disposing of the device, comply with the rules and regulations that apply in your country. You can also return your old device to Thomann GmbH at no charge. Check the current conditions on www.thomann.de.

Proper disposal protects the environment as well as the health of your fellow human beings. This is because the proper handling of old devices negates the potential negative effects of hazardous substances, and because it conserves resources by recycling them.

Also note that waste avoidance is a valuable contribution to environmental protection. Repairing a device or passing it on to another user is an ecologically valuable alternative to disposal.

If your old device contains personal data, delete those data before disposing of it.

