

# Harley Benton

## Acoustic Preamp

### Quick Start Guide

This quick start guide contains important information on the safe operation of the product. Read and follow the safety advice and instructions given. Retain the manual for future reference. If you pass the product on to others please include this manual.

### Safety instructions

#### Intended use

This device is intended to preamplify signals from musical instruments. 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.

#### 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 as knobs) that children could play with.

#### Risk of fire due to incorrect polarity

Incorrectly inserted batteries may destroy the device or the batteries. Ensure that proper polarity is observed when inserting batteries.

#### Possible damage by leaking batteries

Leaking batteries can cause permanent damage to the device. Take batteries out of the device if it is not going to be used for a longer period.

#### Where to use the product

- Never use the product
- in conditions of extreme temperature or humidity
- in extremely dusty or dirty areas
- at locations where the unit can become wet

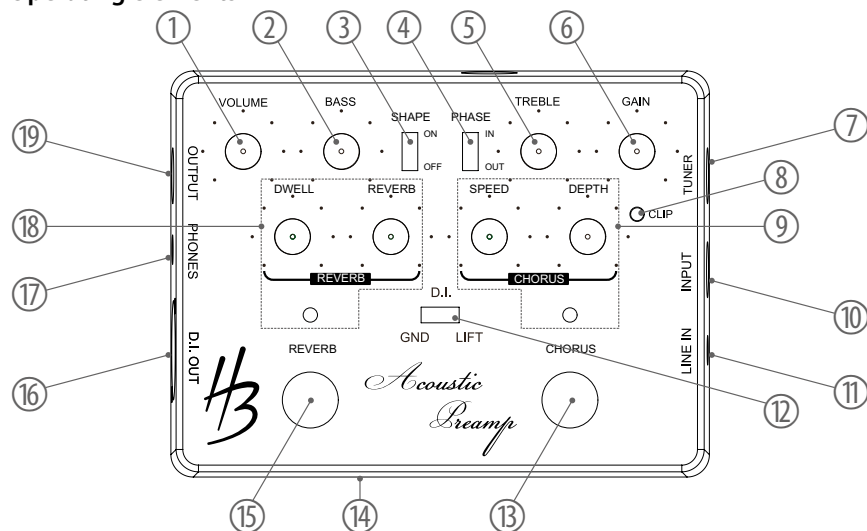
#### General handling

- To prevent damage, never use force when handling the product.
- Never immerse the product in water. Just wipe it with a clean dry cloth. Do not use liquid cleaners such as benzene, thinners or flammable cleaning agents.

### Features

- Two-channel tone control with switchable mids shaping
- Reverb and chorus effect
- Headphones out
- Line input to add AUX signals
- Tuner output
- Operation via 9 V battery or 9 V  $\equiv$  power adapter (not included)

### Operating elements



- |            |  |                 |   |
|------------|--|-----------------|---|
| 1 VOLUME   | - volume control   | 12 D.I.         | - may reduce hum caused by ground loops   |
| 2 BASS     | - bass control   | 13 CHORUS       | - turns Chorus effect on or off   |
| 3 SHAPE    | - attenuates mids, boosts treble and bass  | 14 9 V $\equiv$ | - connector for power adapter (not supplied)  |
| 4 PHASE    | - phase inversion for suppressing feedback   | 15 REVERB       | - turns Reverb effect on or off   |
| 5 TREBLE   | - treble control   | 16 DI OUT       | - output to connect to a mixing console (XLR)   |
| 6 GAIN     | - controls the input gain, to adopt active or passive pick-ups   | 17 PHONES       | - headphones out (3.5 mm mini jack)   |
| 7 TUNER    | - tuner output (1/4" jack)   | 18 REVERB       | - DWELL: controls the decay of the reverb effect<br>REVERB: controls the amount of reverb mixed with the dry signal<br>LED: indicates whether effect is on or off |
| 8 CLIP     | - lights green when signal is present, lights red on overload  | 19 OUTPUT       | - output to connect to an amplifier (1/4" jack)   |
| 9 CHORUS   | - SPEED: controls the effect speed<br>DEPTH: controls the effect depth<br>LED: indicates whether effect is on or off |                 |   |
| 10 INPUT   | - instrument input (1/4" jack)   |                 |   |
| 11 LINE IN | - input for line level devices (3.5 mm mini jack)  |                 |   |

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### Using the product

- To power the unit, you can insert a 9 V battery or connect a 9 V DC adapter to the 9 V socket on the front of the unit (centre negative ⊕—⊖). The device is immediately ready for use.
- Connect an instrument to the INPUT jack using a 1/4" jack cable and turn the GAIN knob to the left stop.
- Play the instrument, turn the GAIN control clockwise and observe the CLIP LED. When the colour changes from green to red, the input is overloaded and distortion occurs. Then turn the GAIN control counter-clockwise until the LED lights up green only.
- To adjust the volume, turn the VOLUME knob to the desired position.
- Use BASS and TREBLE knobs to adjust the desired sound. When you set the SHAPE switch to the ON position, the mids will be attenuated and the treble and bass will be boosted.
- To check the correct tuning of the instrument, you can connect a tuner to the TUNER output.
- To accompany your playing, you can connect a device with line level output to the LINE IN jack. The signal is present at all outputs of the device.
- To use the Chorus effect, press the CHORUS switch, use the SPEED knob to adjust the desired speed, and the DEPTH knob to adjust the desired effect depth. The corresponding LED is lit when the effect is activated.
- To use the Reverb effect, press the REVERB switch, use the DWELL knob to set the desired decay time, and use the REVERB control to adjust the desired reverb ratio. The corresponding LED is lit when the effect is activated.
- You can connect headphones to the PHONES output.

#### Possible hearing damage



Making music for a prolonged period and at high volume can cause hearing damage. Avoid playing the unit at full volume, especially when using headphones.

- You can connect the input of an amplifier to the OUTPUT jack. Before doing so, turn the VOLUME knob to the left stop to avoid loud noise when connecting.
- After playing, disconnect a used 9 V = power adapter from the mains power supply.

### Technical specifications

|                     |                                     |                         |  |
|---------------------|-------------------------------------|-------------------------|--|
| • Connections       |                                     | • Power supply          | External power adapter, 100 - 240 V ~<br>50/60 Hz or 9 V battery |
| - tuner             | 1/4" jack socket                    | • Operating voltage     | 9 V = / 1 A, centre negative                                     |
| - instrument        | 1/4" jack socket                    | • Dimension (W × H × D) | 128 mm × 93 mm × 58 mm   |
| - line              | 3.5 mm jack socket                  | • Weight                | 435 g  |
| - mixing console    | XLR chassis socket, 3-pin, balanced | • Ambient conditions    | Temperature range 0 °C...40 °C                                   |
| - headphone         | 3.5 mm jack socket                  |                         | Relative humidity 20 %...80 %<br>(non-condensing)                |
| - amplifier         | 1/4" jack socket                    |                         |  |
| • Power consumption | 110 mA                              |                         |  |



For the transport and protective packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling. Ensure that plastic bags, packaging, etc. are properly disposed of. Do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.



Batteries must not be disposed of as domestic waste or thrown into fire. Dispose of batteries according to national or local regulations regarding hazardous waste. Dispose of empty batteries at appropriate collection sites.



This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) in its currently valid version. Do not dispose of your old device with your normal household waste. Dispose of this product through an approved waste disposal firm or through your local waste facility. Comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.