

# Harley Benton

## Clip Tuner Bulldog

### User manual

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

### Safety instructions

#### Intended use

This device is used for tuning string 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.

#### Danger for children



Ensure that plastic bags, packaging, etc. are disposed of properly and are not within reach of babies and young children. Choking hazard! Ensure that children do not detach any small parts (e.g. knobs or the like) from the unit. They could swallow the pieces and choke! Never let unattended children use electrical devices.

#### Where to use the product

Never use the product

- in direct sunlight
- in conditions of extreme temperature or humidity
- in extremely dusty or dirty areas
- at locations where the unit can become wet
- near magnetic fields

#### Interference with other electrical equipment

Using the device near radios or TV sets may cause interference. Then increase the distance between the devices.

#### General handling

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

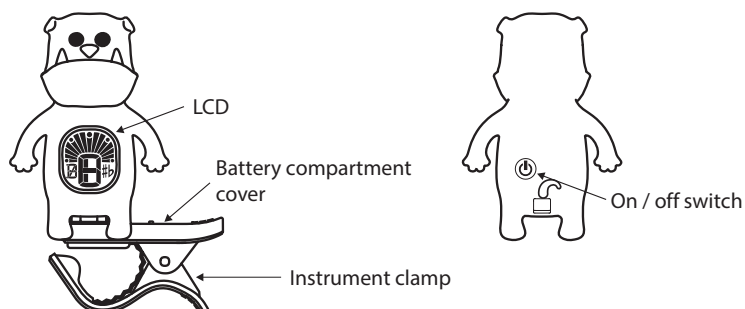
#### Keep foreign substances from the unit!

Keep the device away from containers with liquids. Should any liquid get into the unit, this could lead to its destruction or fire. Be sure not to let any metal objects into the unit.




### Features

- Chromatic clip-on tuner
- Fast response, bright colour LCD, rotatable
- For chromatic tuning of guitar, bass, violin and ukulele
- Calibration A4 = 440 Hz
- Highly sensitive sensor
- Detection range from A0 to C8
- Tuner accuracy  $\pm 1$  cent

### Operating elements and functions



### Using the device

1. Insert the supplied battery of type CR2032 into the battery compartment.
2. Keep the  button pressed to turn the device on. Briefly press the  button repeatedly to select the desired tuning mode: chromatic, guitar, bass, violin or ukulele.
3. Clamp the device on that part of your instrument with the strongest vibration.
4. The display shows the note name and the string number while playing. If the display is green the string is in tune. If the display is white the string is either sharp or flat.
5. Correct string tuning until the display is green.
6. The device automatically turns off after 5 minutes without any signal detection.
7. Keep the  button pressed to turn the device off manually.

### Technical specifications

Tuning modes:	Chromatic, guitar, bass, ukulele, violin
Tuning range:	A0 (27.5 Hz) – C8 (4186 Hz)
Detection mode:	Vibration
Detection accuracy:	$\pm 1$ cent
Reference tone:	A4 (440 Hz)
Response time:	< 20 ms
Housing material:	Silicon gel

### Battery replacement

If the display brightness decreases you need to replace the battery. To do so, remove the battery compartment cover. Observe the polarity of the battery currently in use. Remove the exhausted battery and insert a fresh battery with the same polarity. Replace the battery compartment cover.

- ! If the device is not going to be used for a long time, remove the battery to protect the device from damage due to battery leakage.



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.



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.



Batteries must not be disposed of as domestic waste or thrown into fire, but must be disposed of according to local regulations regarding hazardous waste. Use appropriate collection sites to do so.