

Harley Benton

OWNER'S MANUAL CT-10

Thank you for purchasing our chromatic tuner CT-10. Please read this manual carefully, before initially using the device. After reading, please keep the manual for future reference.

Precautions

Location

Using the unit in one of these locations may lead to malfunction . . .

- . . . in direct sunlight,
- . . . under extreme high temperatures or humidity,
- . . . in excessively dusty or dirty locations,
- . . . locations, where the unit is exposed to excessive vibrations,
- . . . locations, where the unit might get wet,
- . . . close to strong magnetic fields.

Power supply

Be sure to turn off the power when the unit is not in use. Remove the batteries to prevent the unit from getting damaged by battery leakage, when the unit will not be used for a longer period of time.

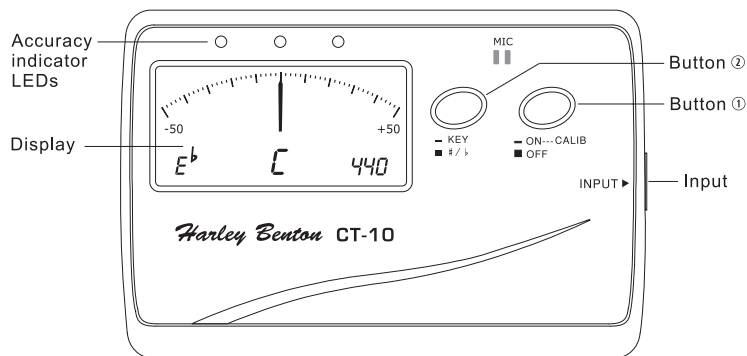
Handling and care

- To avoid breakage, do not apply excessive force to the switches or controls.
- Never submerge the unit into water or any other liquid. Only wipe it with a clean dry cloth. Do not use liquid cleaners as benzene, thinner, or cleaning compounds containing flammable polishes.
- If the unit refuses to be operated as described in this manual, take out the batteries and put them back in. This will reset the unit and hopefully solve the problem.

Keep out foreign material!

Keep this unit away from liquids. If liquid gets into the housing, the device could be seriously damaged. Be also careful, not to let any metal objects enter the unit.

Operating Elements and Functions



Using the Tuner

1. Press button ①, to turn the unit on.
2. Press button ①, to calibrate the unit within a frequency range of 435 - 445 Hz.
3. Press button ② to choose the key from: C, F, \flat B, \flat E for tuning wind instruments.

4. Choose the desired half note display mode (# or \flat) by pressing button ② for 2 seconds.
5. Connect an electric instrument to the INPUT socket. To tune an acoustic instrument, let the INPUT socket unplugged and move the CT-10 near to the sounding part of the music instrument, so the built-in microphone (MIC) can detect the notes.
6. Play single notes on the instrument and watch the display:
 - if the left LED is lit, the tone is too low.
 - if the right LED is lit, the tone is too high.
 - if the middle LED is lit, the note is in tune.The needle in the display will also indicate the tuning of the notes you play. If the needle is left from the centre position, the tone is too low. If the needle is right from the centre position, the tone is too high.
7. Keep button ① pressed for 2 seconds to switch the unit off.

Energy saving Function

If the unit does not receive any signal within 5 minutes, it will automatically power off.

Replacing the Batteries

If the readability of the display decreases, the batteries must be replaced. Open the battery compartment and take out the weak batteries. Replace them by 2 fresh ones with same specs. Take care for correct polarity, otherwise the unit won't work and might get damaged.

Technical Specifications

Tuning:..... chromatic
Tuning range: E1 (41.2 Hz) - d3 (1174.7 Hz)
A4 reference: 435 - 445 Hz
Keys available: C, F, \flat B, \flat E for wind instrument tuning
Power supply:..... 3 V, 2 x 1.5 V batteries (size AAA)
Dimensions: 61,0 (W) x 92,0 (H) x 15,0 (D) mm
Weight: \leq 70 g

As we continuously strive to improve our products, all specifications and appearance are subject to change without prior notice.

Disposal

Do not dispose of the device at the end of its operating life in your normal domestic waste. This device is subject to the European Guidelines 2002/96/EC.



- Have the product disposed of by a professional disposal company or by your communal disposal facility.
- Observe the currently applicable regulations. In case of doubt contact your disposal facility.
- Dispose of packaging materials in an environmentally responsible manner.

