

Cherub WST-650GB

Cherub WST-650GB Guitar and Bass Tuner User Manual

INTRODUCTION

Thank you for choosing the Cherub WST-650GB Clip-on Tuner. This device is designed for accurate and convenient tuning of guitars and basses. Its compact, articulated design allows for easy positioning and clear readability. This manual will guide you through the setup, operation, and maintenance of your tuner.

PACKAGE CONTENTS

Please check that all items listed below are included in your package:

- 1 x Cherub WST-650GB Clip-on Tuner
- 1 x C-type Battery (pre-installed or separate)
- User Manual (this document)

PRODUCT OVERVIEW

The Cherub WST-650GB features a clear, backlit LCD display and a robust clip mechanism for secure attachment to your instrument's headstock.



Figure 1: Front View of the WST-650GB Tuner. This image displays the tuner's main screen, the 'PITCH' and 'FLAT/MODE' buttons, and the 'MIC' indicator. The clip mechanism is visible at the bottom.



Figure 2: Side View of the WST-650GB Tuner. This image highlights the tuner's articulated joint, allowing for flexible positioning, and the sturdy clip designed for instrument headstocks.



Figure 3: WST-650GB Tuner in Use on a Guitar Headstock. This image demonstrates how the tuner attaches to a guitar, with its display clearly visible and active, indicating a note being tuned.

SETUP

1. Battery Installation

1. Locate the battery compartment on the back of the tuner.
2. Open the compartment cover.
3. Insert one C-type battery, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

2. Attaching the Tuner to Your Instrument

1. Gently open the clip mechanism.
2. Attach the tuner securely to the headstock of your guitar or bass. Ensure it is firmly clipped but not overtightened to avoid damage to the instrument finish.
3. Adjust the display angle using the articulated joint for optimal viewing.

OPERATING INSTRUCTIONS

1. Power On/Off

- Press and hold the **PITCH** button for approximately 2 seconds to turn the tuner ON or OFF.
- The tuner will automatically power off after 5 minutes of no signal input to conserve battery life.

2. Selecting Tuning Mode

- Press the **FLAT/MODE** button repeatedly to cycle through the available tuning modes:
 - **G (Guitar)**: For standard guitar tuning.
 - **B (Bass)**: For standard bass guitar tuning.
 - **C (Chromatic)**: For tuning any instrument chromatically.

3. Flat Tuning Function

- In Guitar or Bass mode, press the **FLAT/MODE** button to activate flat tuning. Each press will lower the pitch by a semitone, up to 4 semitones (b, bb, bbb, bbbb).
- This feature allows you to tune your instrument to a lower pitch without changing the string tension significantly.

4. Adjusting A4 Frequency

- Press the **PITCH** button (short press) to adjust the A4 calibration frequency. The range is typically 410 Hz to 490 Hz.
- The default A4 frequency is usually 440 Hz. Adjust this if you are tuning with other instruments that use a different reference pitch.

5. Tuning Your Instrument

1. Pluck a single string on your instrument. The tuner will detect the vibration through the clip sensor.
2. The display will show the note name and a meter indicating whether the note is flat, sharp, or in tune.
3. Adjust your instrument's tuning peg until the needle on the display is centered and the note name turns green (or indicates 'in tune' according to the display).
4. Repeat for all strings.

MAINTENANCE

- **Cleaning**: Wipe the tuner with a soft, dry cloth. Do not use liquid cleaners or solvents.
- **Battery Replacement**: Replace the battery when the display becomes dim or the tuner fails to power on. Always use a fresh C-type battery.
- **Storage**: When not in use for extended periods, remove the battery to prevent leakage. Store the tuner in a cool, dry place away from direct sunlight and extreme temperatures.
- **Avoid Impact**: Protect the tuner from drops and impacts, which can damage the internal components or the display.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Tuner does not power on.	Battery is dead or incorrectly installed.	Check battery polarity. Replace with a new C-type battery.
Display is dim or flickering.	Low battery power.	Replace the battery.
Tuner does not detect notes accurately.	• Tuner not securely clipped. • Excessive background noise. • Incorrect tuning mode selected.	• Ensure the tuner is firmly attached to the headstock. • Tune in a quiet environment. • Verify that Guitar, Bass, or Chromatic mode is correctly selected.
Tuner seems to be tuning to the wrong pitch.	A4 calibration frequency is incorrect.	Press the PITCH button to adjust the A4 frequency back to 440 Hz or your desired reference pitch.

SPECIFICATIONS

Model Number	WST-650GB
Tuning Range	A0 (27.5 Hz) - C8 (4186 Hz)
A4 Frequency	410 Hz - 490 Hz
Tuning Modes	Chromatic, Guitar, Bass
Flat Tuning	Up to 4 semitones (b, bb, bbb, bbbb)
Detection Method	Vibration (Clip) / Microphone
Display	Backlit LCD
Power	1 x C-type Battery (included)
Dimensions (approx.)	1.6 x 0.33 x 0.97 cm (0.63 x 0.13 x 0.38 inches)
Weight (approx.)	9.07 g (0.32 oz)
Compatible Devices	Guitar, Bass

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact Cherub customer service directly. Keep your proof of purchase for any warranty claims.
Note: Specific warranty terms may vary by region and retailer.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question