Cherub WMT-560

Cherub WMT-560 Rechargeable Guitar Tuner with Metronome and Tone Generator User Manual

Model: WMT-560

1. INTRODUCTION

The Cherub WMT-560 is a versatile, rechargeable clip-on device designed for musicians. It integrates a highly accurate tuner, a flexible metronome, and a practical tone generator into a single compact unit. Its fast response time and bright LCD display ensure clear visibility and efficient operation in various environments. The robust clamp design provides stable attachment to your instrument.

2. PRODUCT OVERVIEW

2.1 Components and Controls

Familiarize yourself with the main components and controls of your WMT-560 unit:

Image 2.1: Labeled diagram of the Cherub WMT-560, indicating the Power/Play button, Mode/Menu button, Item button, Select buttons (up/down), and the main display area.

- **Power/Play Button:** Used to turn the device on/off and to start/stop the metronome.
- **Mode/Menu Button:** Cycles through Tuner, Metronome, and Tone Generator modes. Also accesses menu settings within modes.
- **Item Button:** Used to select specific items or parameters within a menu.
- **Select Buttons (Up/Down):** Adjusts values (e.g., pitch, tempo) or navigates menu options.
- **Display:** Shows tuning information, metronome settings, or tone generator pitch.
- **Clip:** Attaches the device securely to your instrument.

3. SETUP

3.1 Charging the Device

The WMT-560 is equipped with an internal Li-Po battery. Before first use, or when the battery indicator shows low power, charge the device:

1. Connect a standard USB-C cable to the charging port on the WMT-560.
2. Connect the other end of the USB-C cable to a USB power source (e.g., computer, USB wall adapter).
3. The display will indicate charging status. A full charge typically takes a few hours.

3.2 Attaching the Tuner

The WMT-560 features a newly designed clamp for stable attachment:

1. Open the clip by pressing the levers.
2. Attach the clip securely to the headstock of your guitar or other stringed instrument. Ensure the display is facing you for easy viewing.
3. Adjust the angle of the display for optimal visibility.

Image 3.1: The Cherub WMT-560 tuner securely attached to the headstock of a guitar, demonstrating proper placement for tuning.

4. OPERATING MODES

4.1 Power On/Off

Press and hold the **Power**/**Play** button for approximately 2 seconds to turn the device on or off.

4.2 Tuner Mode

The WMT-560 offers fast and accurate tuning for various instruments.

Selecting Tuner Mode

Press the **Mode**/**Menu** button repeatedly until 'Tuner' mode is displayed. The default tuning mode is

Chromatic (C), but you can select specific instrument modes (Guitar, Bass, Ukulele, Violin) by pressing the **Item** button and then using the **Select** buttons to choose.

Tuning an Instrument

1. Ensure the WMT-560 is securely clipped to your instrument's headstock.
2. Pluck a single string on your instrument. The tuner will detect the pitch.
3. The display will show the note name and a meter indicating whether the note is flat, sharp, or in tune.
4. Adjust your instrument's tuning peg until the needle on the display is centered and the note name is correct. The display will typically turn green when in tune.

Image 4.1: The WMT-560 display in Tuner Mode, showing a note (G) and the tuning meter. A centered needle and green indication signify accurate tuning.

4.3 Metronome Mode

The built-in metronome helps you practice with precise timing.

Activating Metronome

Press the **Mode/Menu** button repeatedly until 'Metronome' mode is displayed. The display will show the current tempo (BPM) and beat pattern.

Adjusting Tempo and Beat

- **Adjusting BPM:** Use the **Select** buttons (Up/Down) to increase or decrease the Beats Per Minute (BPM) from 30 to 250.
- **Tap Tempo:** Press the **Item** button multiple times at your desired tempo. The WMT-560 will calculate and set the BPM automatically.
- **Beat Pattern:** Press the **Mode/Menu** button briefly to cycle through different beat patterns (e.g., 1/4, 2/4, 3/4, 4/4).
- **Start/Stop:** Press the **Power/Play** button to start or stop the metronome click.

Image 4.2: A hand demonstrating the use of the Item button, which is used for functions like Tap Tempo in Metronome mode.

4.4 Tone Generator Mode

The tone generator produces a reference pitch for ear training or manual tuning.

Using Tone Generator

1. Press the **Mode/Menu** button repeatedly until 'Tone Generator' mode is displayed.
2. Use the **Select** buttons (Up/Down) to choose the desired reference pitch (e.g., A4=440Hz).
3. The WMT-560 will emit the selected tone.

5. MAINTENANCE

5.1 Battery Care

- Recharge the battery regularly to maintain optimal performance.
- Avoid fully discharging the battery frequently, as this can reduce its lifespan.
- Store the device in a cool, dry place when not in use for extended periods.

5.2 Cleaning

Wipe the device with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low or depleted battery.	Charge the device using a USB-C cable.
Tuner not detecting pitch accurately.	Improper attachment; noisy environment; incorrect mode.	Ensure the tuner is securely clipped to the headstock. Move to a quieter area. Verify the correct instrument mode is selected.
Metronome click is not audible.	Volume too low or muted.	Check metronome settings for volume control.
Display is dim or unresponsive.	Low battery; device malfunction.	Charge the device. If the issue persists, contact customer support.

7. SPECIFICATIONS

- **Tuning Range:** A0 (27.5Hz) - C8 (4186Hz)
- **Tuning Modes:** Chromatic, Guitar, Bass, Ukulele, Violin
- **A4 Frequency:** 430-450Hz (adjustable)
- **Metronome Tempo Range:** 30-250 BPM
- **Beat:** 0, 1, 2, 3, 4, 5, 6, 7, 8, 9
- **Rhythm:** ♩, ♪, ♫, ♬ (various subdivisions)
- **Tone Generator Range:** C4-B4
- **Power:** Built-in Rechargeable Li-Po Battery
- **Charging Port:** USB-C
- **Dimensions:** Approximately 2.52 x 1.38 x 1.7 inches
- **Weight:** Approximately 1.3 ounces

8. WARRANTY AND SUPPORT

Cherub products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the official Cherub website or contact your authorized dealer. Keep your purchase receipt as proof of purchase for warranty claims.

Related Documents - WMT-560

	[Cherub WMT-248 Portable Metro-Tuner User Manual](#) Comprehensive user manual for the Cherub WMT-248 Portable Metro-Tuner, detailing its features, operation, specifications, and maintenance.
	[Cherub WMT-565C String Instrument Mate: User Manual and Guide](#) Comprehensive user manual for the Cherub WMT-565C string instrument mate, featuring a tuner, metronome, temperature, and humidity monitor. Learn about its features, operation, specifications, and precautions.
	[Cherub WMT-565C String Instrument Mate: Tuner, Metronome, and Humidity/Temperature Monitor User Manual](#) Detailed user manual for the Cherub WMT-565C, a multi-functional musical instrument accessory. Learn about its tuner, metronome, temperature/humidity sensor, and other features.
	[Cherub WST-680 Rechargeable Auto-on Tuner User Manual](#) Comprehensive user manual for the Cherub WST-680 rechargeable auto-on tuner, detailing features, operation, specifications, and precautions.
	[Cherub WST-905Li Metal Clip-on Tuner User Manual](#) Official user manual for the Cherub WST-905Li clip-on tuner. Learn about its features, operation, guitar compensation tuning, specifications, and FCC compliance.
	[Cherub Auto-On Clip WST-645 User Manual](#) User manual for the Cherub Auto-On Clip WST-645, a rechargeable clip-on electronic tuner for guitar, bass, and ukulele, featuring auto-on function, compensation tuning, and USB-C charging.