Cherub WMT-555C

Cherub WMT-555C Tuner and Metronome with Pickup User Manual

Model: WMT-555C | Brand: Cherub

INTRODUCTION

The Cherub WMT-555C is a versatile electronic device designed for musicians, combining a chromatic tuner and a digital metronome into a single, portable unit. It is suitable for a wide range of instruments, including guitars and orchestral instruments, and features a clip-on pickup for accurate acoustic instrument tuning.

This manual provides detailed instructions for the setup, operation, and maintenance of your WMT-555C to ensure optimal performance and longevity.

PRODUCT OVERVIEW

Image: Cherub WMT-555C Tuner and Metronome with Pickup. The device features a large LCD screen, control buttons, a speaker, and input jacks. Below it is the clip-on pickup with a 1/4" jack.

The WMT-555C unit includes:

- Integrated Chromatic Tuner
- Digital Metronome
- Built-in Microphone
- 1/4" Input Jack
- Earphone Jack
- Clip-on Pickup (for acoustic instruments)

Key Controls and Display Elements (Refer to image above):

- **LCD Display:** Shows Metronome settings (Tempo, Time Signature, Rhythm) or Tuner information (Note, Pitch).
- **Vol. (Volume):** Adjusts the output volume.
- **Earphone Jack:** For private listening.
- **SOUND Button:** Activates the tone generator in Tuner mode.

- **VALUE Buttons (Up/Down):** Adjusts values like tempo, pitch, or rhythm.
- **TEMPO Buttons (Up/Down):** Specifically adjusts metronome tempo.
- **PITCH Buttons (Up/Down):** Adjusts the reference pitch in Tuner mode.
- **ITEM Button:** Navigates through settings or parameters.
- **MODE Button:** Switches between Tuner and Metronome modes.
- **BEAT Button:** Adjusts the beat pattern in Metronome mode.
- **ON / OFF Button:** Powers the unit on or off.
- **PLAY Metronome Button:** Starts or stops the metronome.
- **INPUT Jack:** 1/4" input for instruments or pickup.
- **MIC:** Built-in microphone for tuning acoustic instruments without the pickup.

SETUP

1. Battery Installation

The WMT-555C requires 1 AAA battery for operation. Ensure the battery is inserted with the correct polarity as indicated inside the battery compartment. A fresh alkaline battery is recommended for optimal performance and battery life.

2. Powering On/Off

Press the **ON / OFF** button to power the unit on. Press and hold the **ON / OFF** button again to power it off.

3. Connecting the Pickup (Optional)

For tuning acoustic instruments, connect the provided clip-on pickup to the **INPUT** jack on the side of the unit. Attach the clip securely to your instrument, typically near the bridge or soundboard, to best capture vibrations.

OPERATING INSTRUCTIONS

Tuner Mode

1. **Select Tuner Mode:** Press the **MODE** button until "Tuner" is displayed on the screen.
2. **Input Method:**

   - **Internal Microphone:** For acoustic instruments, ensure no cable is plugged into the INPUT jack. The built-in MIC will detect sound.
   - **Pickup/Instrument Cable:** Plug the clip-on pickup or your instrument's 1/4" cable into the **INPUT** jack.

3. **Tune Your Instrument:** Play a single note on your instrument. The display will show the detected note and indicate whether it is sharp, flat, or in tune. Adjust your instrument's tuning pegs until the display indicates the note is in tune.
4. **Key Selection:** The tuner supports chromatic tuning in 4 keys: C, F, B♭, and E♭. Use the **ITEM** button to cycle through these key options if needed.
5. **Pitch Calibration:** The reference pitch can be calibrated from 435Hz to 445Hz. Use the **PITCH** buttons to adjust the A4 reference frequency. The default is typically 440Hz.
6. **Tone Generator:** Press the **SOUND** button to activate the built-in tone generator, which produces a reference tone for manual tuning.

Metronome Mode

1. **Select Metronome Mode:** Press the **MODE** button until "Metronome" is displayed on the screen.

2. **Adjust Tempo:** Use the **TEMPO** buttons (Up/Down) to set the desired beats per minute (BPM). The range is 30-230 BPM.

3. **Set Time Signature:** Press the **ITEM** button to select the time signature setting. Use the **VALUE** buttons to choose from available time signatures: -/4 (0), 1/4, 2/4, 3/4, 4/4, 3/8, 6/8.

4. **Select Rhythm:** Press the **BEAT** button to cycle through various rhythm patterns (e.g., quarter notes, eighth notes, triplets).

5. **Start/Stop Metronome:** Press the **PLAY Metronome** button to start the metronome click. Press it again to stop.

6. **Adjust Volume:** Use the **Vol.** slider to adjust the metronome's output volume.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the unit. Do not use liquid cleaners or abrasive materials.

- **Battery Care:** Remove the battery if the unit will not be used for an extended period to prevent leakage.

- **Storage:** Store the WMT-555C in a cool, dry place, away from direct sunlight and extreme temperatures.

- **Handling:** Avoid dropping the unit or subjecting it to strong impacts, as this can damage internal components.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Dead or incorrectly installed battery.	Replace the AAA battery, ensuring correct polarity.
Tuner is not detecting sound.	Incorrect input method selected; low instrument volume; faulty pickup/cable.	Ensure pickup is securely connected or use the built-in MIC. Increase instrument volume. Check pickup/cable for damage.
Metronome sound is too quiet.	Volume slider set too low; speaker obstruction.	Adjust the **Vol.** slider to increase output. Ensure the speaker grille is clear. Consider using headphones.
Tuner response is slow.	Weak signal from instrument; noisy environment.	Ensure a clear, sustained note is played. Use the clip-on pickup in noisy environments.

SPECIFICATIONS

- **Model:** WMT-555C
- **Tuning Range:** A0 (27.5Hz) - A3 (1760Hz)
- **Reference Pitch:** 435Hz - 445Hz (Adjustable)

- **Tuning Keys:** C, F, B♭, E♭

- **Tempo Range:** 30 - 230 BPM

- **Time Signatures:** -/4 (0), 1/4, 2/4, 3/4, 4/4, 3/8, 6/8

- **Power:** 1 x AAA Battery (included)

- **Dimensions:** Approximately 8 x 1 x 5 inches

- **Weight:** Approximately 4.2 ounces

- **Input:** 1/4" Jack, Built-in Microphone

- **Output:** Earphone Jack, Built-in Speaker

Related Documents - WMT-555C

		[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 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 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 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 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.

[pdf] Datasheet Accessories

CHERUB WMT555C Strumenti MusicaliIl WMT 555C integra in un solo apparecchio tre utili dispositivi accordatore cromatico con range da D2 73 4Hz a A6 1760Hzdocstrumentimusicali net datasheet products id 603 |||

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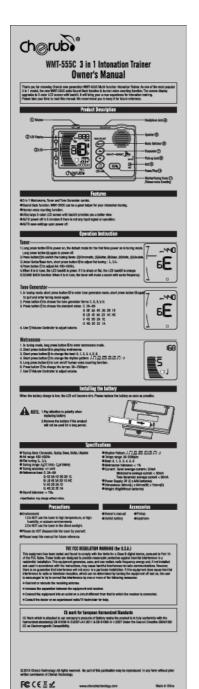
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Cherub®

WMT-555C 多功能音准仪
使用说明书

感谢您购买小天使全新升级的WMT-555C多功能音准仪。作为小天使的经典畅销三合一型号，新型WMT-555C添加了Sound Back音准训练功能以及人声数码功能，更希望显示屏亮升级双层大反色带背光LCD屏，带给您全新的音准训练体验。

请在您首次使用本产品前，花几分钟时间阅读本说明书，并保留它以备日后查询。

产品界面

产品特点
- 音准测试、色彩时尚、振报音、定音、节拍功能集于一体。
- 配有Sound Back功能，是您训练音准的好帮手。
- 人声数码功能。
- 超大双色带背光LCD显示屏，视觉效果更佳。
- 五分钟关机操作，本机自动关机。
- 关机自动保存设置。

操作说明

校音模式
1. 长按①键打开，首次开机默认进入校音模式，再长按②键即关机。
2. 短按③键切换校音项目：C(Chromatic)、G(Guitar)、B(Bass)、V(Violin)、U(Ukulele)。
3. 吉他、贝司模式下，短按④键切换半音：b、bb。
4. 按①键调节A4值，范围430-450Hz。
5. 校音时，音准时背光显示指示灯，偏高或偏低时有光显示颜色。
6. 当Sound Back功能，即在校音准确时，校音器会发出一个标准音。

定音模式
1. 在校音模式下，短按①键进入定音模式，再次短按②键返回校音模式。
2. 在定音模式下按③键切换定音项目：C(Chromatic)、G(Guitar)、B(Bass)、V(Violin)、U(Ukulele)。
3. 按①键切换音名：C 2A～6A
   G 6E 5A 4D 3G 2B 1E
   B LB 4E 3A 2D 1G HC
   V 4G 3D 2A 1E
   U 4G 3C 2E 1A
4. 用①音量控制旋钮调节音量大小。

节拍模式
1. 校音模式下，长按②键进入节拍模式。
2. 短按③键播放/停止节拍器。
3. 短按④键调节拍数，范围：0、1、2、3、4、5、6。
4. 短按⑤键切换节奏型：♩♫ ♫♫ ♫♫♫ ♫♫♫♫ ♫♪。
5. 长按①键，开启/关闭人声数码功能。
6. 按①键调节节拍速度，范围：30-250 bpm。
7. 用①音量控制旋钮调节节拍音量大小。

电池安装
当显示屏变淡时，需更换电池，更换方法如下图：

⚠ 注意：
1. 更换电池时，请注意电池的极性。
2. 若您长期放置产品，请取电池取出。

技术规格
- 校音项目：十二平均律、吉他、贝司、小提琴、尤克里里
- A4调整：430-450Hz
- 降半音：b、bb
- 校音范围：A₀ (27.5Hz) ～ C₈ (4186Hz)
- 校音精度：±1音分
- 定音项目：十二平均律：2A～6A
  吉他：6E 5A 4D 3G 2B 1E
  贝司：LB 4E 3A 2D 1G HC
  小提琴：4G 3D 2A 1E
  尤克里里：4G 3C 2E 1A
- 定音音准：< 1%
- 节奏型：♩♫ ♫♫ ♫♫♫ ♫♫♫♫ ♫♪
- 速度：30-250bpm
- 节拍：0-6
- 节拍精度：< 1%
- 电池：校音平均电流 < 20mA
  定音平均电流 < 50mA
  节拍平均电流 < 80mA
- 电源：3V 2 x AAA电池
- 体积：96(L)x 64(W)x 15(H)mm
- 重量：66g

*技术规格如有变更，恕不另行通知。

注意事项
- 使用环境：
  1. 避免在高温、潮湿、雷下等恶劣环境中使用。
  2. 请勿在强光下曝晒。
  3. 请勿自行拆卸本机。
- 请保存好本手册以保以后查阅。

随机附件
- 操作说明书
- 2 x AAA电池
- 校音器
- 合格证

有关产品中所含有害物质的说明
本资料说明本公司产品中所含的特定有害物质及其安全使用予以说明。
本资料适用于2007年3月1日以后本公司所制造的产品。

环保使用期限

此标志适用于在中国境内销售的电子信息产品，表示环保使用期限的年数。所谓环保使用期限是指在正常使用日期的规定期限内，产品中所含的有害物质不致生泄漏引起环境污染，不会对人身、财产造成严重的不良影响。环保使用期限仅在正确使用产品条件下才有效，不当的使用，将会导致有害物质泄漏的危险。

产品中有毒有害物质或元素的名称及含量

部件名称	有害有毒物质或元素					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬(Cr(VI))	多溴联苯(PBB)	多溴二苯醚(PBDE)
外壳(塑料)	×	○	○	○	○	○
电子部件/印刷电路板组件	×	○	×	○	○	○
附件(电路板、金属部件等)	×	○	○	○	○	○

○：表示该有毒有害物质在该部件所有均质材料中的含量均在SJ/T11363-2006标准规定的限量要求以下。
×：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T11363-2006标准规定的限量要求。

质量承诺
感谢小天使用户，在您购买本产品时，请仔细参阅产品说明书，如您有使用相关疑问，请拨打售后服务电话：400-990-5908。

- 一月内主要性能问题可以退货
- 一年内主要质量问题可以包修
- 一月内如出现质量问题可以换货
- 超过保修期的有偿维修服务

*请不要揭坏包装损坏或超过有效期不予以保修。

换修政策
一、包换期限：
  1. 您将在自收之日起7日之内，且没有发生损坏下，如果出现人为产品质量故障，且产品外观及包装保持完好，您可以向销售商要求退货。
  2. 若您将在收之日后的经营商于发现有质量问题且保持完好，您的经销商可以予以换货。
二、维修服务：
  产品出现保之日起内，可免费享有维修服务；对于超出于保的产品及人为不可抗力及非因造成保修问题的，我司可提供有偿维修服务。

署方经营商：
广东省珠海市香洲区前山南溪科技八路19号
珠海市新市科技开发有限公司 营业部经销
邮编：519000

经销商：深圳市凯声科技开发有限公司
联系地址：广东省深圳市南海区宝源路康健科技八路8号
联系：mail@cherub.technology.com
电话：0755-3659688

www.cherub.cn
中国制造

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Cherub®

WMT-555C 3 in 1 Intonation Trainer
Owner's Manual

Thank you for choosing Cherub new generation WMT-555C Multi-function Intonation Trainer. As one of the most popular 3 in 1 model, the new WMT-555C adds Sound Back function & human voice counting function. The screen display upgrade to 2-color LCD screen with backlit. It will bring your a new experience for intonation training. Please take your time to read this manual. We recommend you to keep it for future reference.

Product Description

- ① Volume
- ② LCD Display
- ③ LED
- Headphone Jack ④
- Speaker ⑤
- Mode Switcher ⑥
- Parameter ⑦
- Pick-up Jack ⑧
- MIC ⑨
- Power/Play ⑩
- Rhythm/Tuning Tone ⑪ /Human voice Counting

Features

- ●3 in 1 Metronome, Tuner and Tone Generator combo.
- ●Sound Back function, WMT-555C can be a good helper for your intonation training.
- ●Human voice counting function.
- ●Ultra large 2-color LCD screen with backlit provides you a better view.
- ●AUTO power off in 5 minutes if there is not any input signal or operation.
- ●AUTO save settings upon power off.

Operation Instruction

Tuner

1. Long press button⑩ to power on, the default mode for the first time power on is tuning mode. Long press button⑩ again to power off.
2. Press button⑥ to switch the tuning items: ①Chromatic, ②Guitar, ③Bass, ④Violin, ⑤Ukulele.
3. Under Guitar/Bass item, short press button⑦ to adjust flat tuning: ♭, ♭♭.
4. Press button⑦ to adjust A4: 430~450Hz.
5. When it is in tune, the LCD backlit is green. If it is sharp or flat, the LCD backlit is orange.
6. SOUND BACK function: When it is in tune, the tuner will make a sound with same frequency.

Tone Generator

1. In tuning mode, short press button⑨ to enter tone generator mode, short press button⑨ again to quit and enter tuning mode again.
2. Press button⑥ to choose the tone generator items: C, G, D, A, E.
3. Press button⑦ to choose the standard notes:

C 2A~6A	
G 6E 5A 4D 3G 2B 1E	
B L8 4E 5A 2D 1G HC	
V 4E 3D 2A 1E	
U 4G 3C 2E 1A	

4. Use ① Volume Controller to adjust volume.

Metronome

1. In tuning mode, long press button⑩ to enter metronome mode.
2. Short press button⑩ to play/stop metronome.
3. Short press button⑥ to change the beat: 0, 1, 2, 3, 4, 5, 6.
4. Short press button⑦ to change the rhythm pattern.
5. Long press button⑪ to turn on/off human voice counting function.
6. Press button⑦ to change the tempo: 30~250bpm.
7. Use ① Volume Controller to adjust volume.

Installing the battery

When the battery charge is low, the LCD will become dim. Please replace the battery as soon as possible.

⚠ NOTE: 1. Pay attention to polarity when replacing battery.
2. Remove the battery if the product will not be used for a long period.

Specifications

- ●Tuning Item: Chromatic, Guitar, Bass, Violin, Ukulele
- ●A4 range: 430~450Hz
- ●Flat tuning: ♭, ♭♭
- ●Tuning range: A♯27.5Hz~C♯4186Hz
- ●Tuning accuracy: ±1 cent
- ●Reference tone: C 2A~6A
  - G 6E 5A 4D 3G 2B 1E
  - B L8 4E 5A 2D 1G HC
  - V 4E 3D 2A 1E
  - U 4G 3C 2E 1A
- ●Sound tolerance: < ?Hz
- ●Rhythm Pattern: ♩♫♪♪♪
- ●Tempo range: 30~250bpm
- ●Beat: 0, 1, 2, 3, 4, 5, 6
- ●Metronome tolerance: < 1%
- ●Current: Tuner average current< 20mA
  - Metronome average current: < 50mA
  - Tone Generator average current < 90mA
- ●Power Supply: 3V (2 x AAA batteries)
- ●Dimensions: 58mm(L) x 64mm(W) x 15mm(X)
- ●Weight: 65g(Without batteries)

*Specification may change without notice.

Precautions

●Environment:
1. Do NOT use the tuner in high temperature, or high humidity, or autumn environments.
2. Do NOT use the tuner in the direct sunlight.
●Please do NOT disassemble the tuner by yourself.
●Please keep this manual for future reference.

Accessories

- ●Owner's manual
- ●2xAAA battery
- ●Pickup
- ●Earphone

THE FCC REGULATION WARNING (for U.S.A.)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

● Reorient or relocate the receiving antenna.
● Increase the separation between the equipment and receiver.
● Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
● Consult the dealer or an experienced radio/TV technician for help.

CE mark for European Harmonized Standards

CE Mark which is attached to our company's products of Battery realize the product is in fully conformity with the harmonized standard(s) EN 61000-6-3:2007+A1:2011 & EN 61000-6-1:2007 Under the Council Directive 2004/108/EC on Electromagnetic Compatibility.

www.cherubtechnology.com   Made in China

内容详见2、3页

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