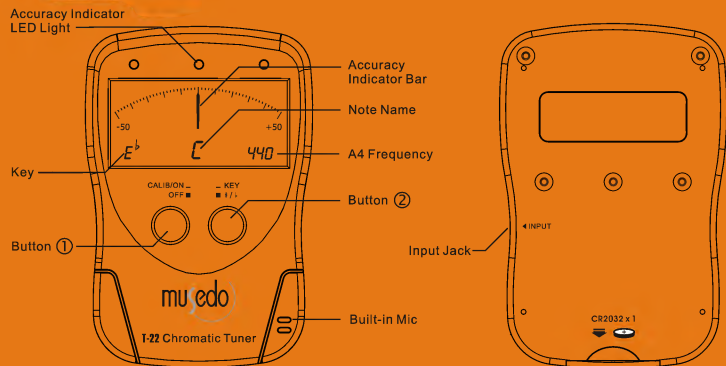




T-22 Chromatic Tuner

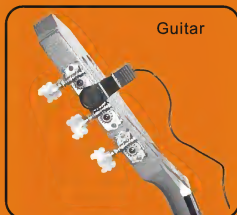


Fast Read Manual

Function	Operation	Remark
1. Power On/off	Press button ①	Press button ① for a short time to turn power on. Keep pressing button ① for two seconds to turn power off.
2. Adjust A4 Frequency	Press button ①	Select A4 tuning frequency from 435Hz to 445Hz.
3. Key Select	Press button ②	Select tuning keys as in order: C, F, B ^b , E ^b
4. Half Note Tune Mode	Press button ② for 2 seconds	Select half note name to be shown on screen as neither "# " or " b ".

How to Use Pickup

The pickup works by vibration. So it's better to put the pickup to where your instrument has an apparent vibration when playing. (The place to put the pickup should not affect playing instrument.)



Guitar



Violin



Erhu

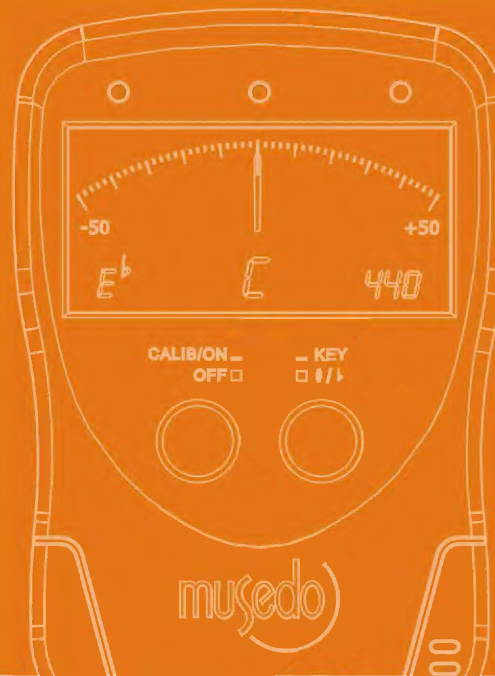


Musedo Technology Inc.
www.musedo.com



T-22 Chromatic Tuner

- Tuning Range: E1(41.2Hz)---a3(1760Hz)
- Keys: C, F, B^b, E^b
- Half Note: #, b
- A4 Frequency: 435---445Hz
- Consumption: ≤4mA

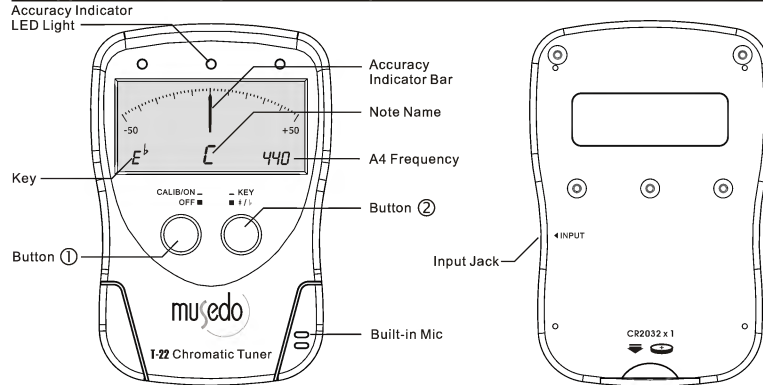




T-22 Chromatic Tuner

Congratulations on purchasing Musedo T-22 Intelligent Tuner! Please read this manual carefully to make sure that you know how to operate this product soon.

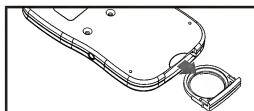
1. Appearance and Operation Description



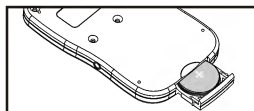
2. Fast Read Manual

Function	Operation	Remark
1. Power On/off	Press button ①	Press button ① for a short time to turn power on. Keep pressing button ① for two seconds to turn power off.
2. Adjust A4 Frequency	Press button ①	Select A4 tuning frequency from 435Hz to 445Hz.
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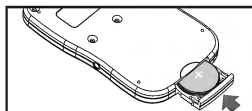
3. Preparation



Step One: Open Battery Compartment



Step Two: Battery Insert



Step Three: Close battery compartment

- ⚠ 1. Please replace battery with the same size and type.
- 2. Please take out battery in case not using this tuner for a long time.
- 3. Please pay attention to battery polarity.
- 4. Please take out battery and re-load in 5 seconds if anything unusual happen after battery in.

4. Power On/Off

1. Power will be on automatically when battery is in correctly.
2. Keep pressing button ① for 2 seconds to turn power off.

⚠ The tuner will turn off automatically if no button press or no sound signal detected in 2 minutes.

5. Key Select



C: Stringed Instruments(Guitar, Violin), Flute, Oboe, Bassoon
 F: Coranglais, French horn
 B^b: Trumpet, Trombone, Althorn, Clarinet, Soprano saxophone or Mediant Saxophone
 E^b: Mediant Saxophone

Screen surface when battery initial in.

- Key Select: Press button ② to select a right key for tuning.
- Keys: C, F, B^b, E^b.
- Half Note Mode: The tuner's initial half note show as "#". Press button ② for 2 seconds to change the half note to be "b". (Note: "#" or "b" disappears automatically in 2 seconds when selected.)

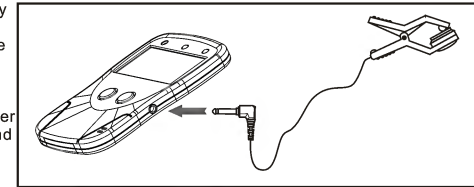
⚠ This mode is only for showing half note by "#" or "b" when detected from instrument. It is not for half note tuning.

- A4 Frequency: After selecting the Key and Half Note Mode, you can press button ① to adjust tuning frequency from 435Hz to 445Hz.

⚠ A4 frequency is pre-set as 440Hz.

6. How to Use this Tuner

1. Please place the tuner to where it can easily detect instrument sound. It's better to use a pickup by inserting INPUT jack when you tune in a noisy circumstance.
2. The tuner can detect instrument sound and show the note name and accuracy automatically. If the note name shown by tuner keep the same as instrument sound name, and accuracy indicator light turns green and the indicator bar stay vertical, which means the instrument is in tune. Otherwise, you have to tune the instrument according to tuner indication.



7. How to Use Pickup

The pickup works by vibration. So it's better to put the pickup to where your instrument has an apparent vibration when playing. (The place to put the pickup should not affect playing instrument.)

8. Specifications

- Tuning Range: E1(41.2Hz)---a3(1760Hz)
- Keys: C, F, B^b, E^b
- Consumption: ≤4mA
- Half Note: #, b
- A4 Frequency: 435---445Hz
- Battery: 3V (Cr2032 button cell battery 1 piece)

9. Accessories

- Manual
- Cr2032 button cell battery 1 piece
- Pickup

10. Warning

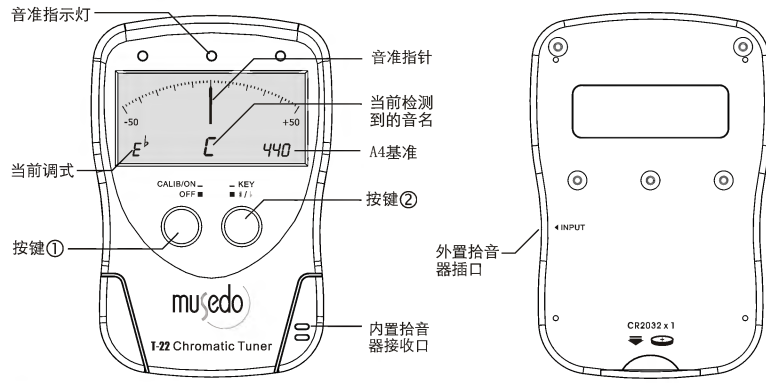
- ⚠ Only qualified technician can repair and assemble this tuner.
- ✓ Please replace with new battery when screen is not clear.
- ⚠ Please take out battery and re-load in 5 seconds if anything unusual happen when battery in.
- ⚠ Your tuner is not waterproof. Never use water to clean this tuner.



T-22微电脑校音器说明

祝贺您拥有MuseDo T-22微电脑校音器！
在您首次使用本产品前，请花几分钟时间阅读一遍本说明，以便迅速掌握其使用方法。

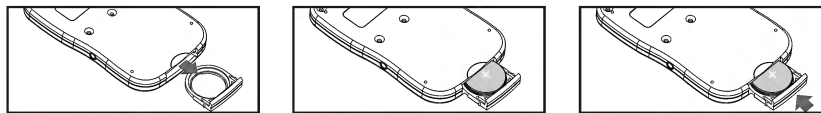
一. 主机面板功能位置及显示图



二. 快速使用指南

功能	按键操作	功能说明
1. 开关机	按住①键	开机状态下按①键保持2秒可关机，短按①键开机
2. 调整A4基准音	按①键	调整校音中心频率，校音范围：435-445
3. 校音调式选择	按②键	可按下列顺序选择所校乐器的调式：C、F、B ^b 、E ^b
4. 半音显示模式	按住②键保持两秒	可选择校音时检测到的音用“#”或“b”显示。

三. 使用前的准备事项



步骤一：电池舱盖的开启

步骤二：电池的放置

步骤三：关闭电池舱盖使电池完全装入

- ⚠ 1. 更换电池时，请选用同规格之电池。
- 2. 长时间不使用机器，请将电池从机器内取出。
- 3. 装入电池时请注意电池正负极。
- 4. 装入电池后，机器若出现异常情况或显示，请将电池取出并等待5秒后重新装入。

四. 机器的开关机

①在正确装入电池后机器直接进入开机状态。 ②开机状态下，按住①键保持两秒可关机。

⚠ 若2分钟内无任何按键操作或机器未检测到有效声音信号，则自动关机。此时按①键重新开机使用！

五. 调式选择



所选校音调式与常用乐器对应

- C: 弹弦乐器、弓乐器（吉他、小提琴等）、长笛、双簧管、大管
- F: 英国管、圆号
- B^b: 小号、长号、中音号、单簧管、高音及中音萨克斯
- E^b: 中音萨克斯

装入电池后的默认校音显示状态

- 调式选择：开机状态下，按②键，可选择所需校准乐器的调式。
- 调式选择范围：C、F、B^b、E^b
- 半音显示模式选择：装入电池开机后的默认显示模式为#，在该显示模式下按住②键并保持2秒可切换至b模式显示半音。（附：切换时#或b显示两秒后自动熄灭）

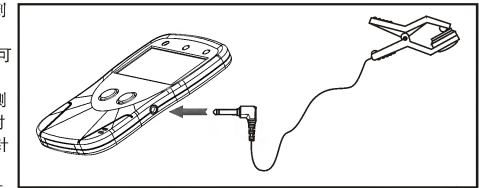
⚠ 该模式只用于自动检测到的音名用“b”符号或“#”符号的方式显示，不用做降半音校音或升半音校音。

- 校音中心频率设置：设置好调式及显示模式后按①键可改变校音时的中心频率。中心频率设置：435-445

⚠ 该机默认值为“440Hz”，一般不作调整！若调整该中心频率，则改变乐器校音后所发音的音高整体偏移。

六. 校音器的使用

1. 将设置好所需功能的校音器放置在容易检测到乐器声音的位置：若在较嘈杂的场所校音请从“INPUT”插口，插入外置拾音器，以确保校音器可以有效拾取该乐器之声音。
2. 使被校乐器发一单音，此时校音器会自动检测并显示出所发声音的音名及音准度，如该机此时自动显示的音名与所发声音的音名一致，且音准指针指向音准光标处，绿灯亮，则该音为准确状态。若所显示的音名与所发声音的音名不一致，则先调低需校准乐器的音高，使之低于标准状态下该乐器所发声音的音高，然后再逐步将该音提高，直至该校音器自动显示的音名与之对应。



七. 拾音器的使用方法

应本拾音器靠拾取乐器发声时的震动频率来拾取信号，请将拾音器夹在乐器震动明显之部位，以利于拾音夹良好接收震动信号。（注：所夹部位以不影响乐器发音为准）

八. 技术规格

- 校音范围：E1(41.2Hz)---a3(1760Hz) ■ 校音调式选择范围：C、F、B^b、E^b ■ 功耗：≤4mA
- 半音显示模式：#、b ■ 中心频率(A4)调整范围：435---445Hz ■ 电源：3V (CR2032纽扣电池1粒)

九. 随机包装附件

- 说明书 ■ CR2032纽扣电池1粒 ■ 拾音器

十. 注意事项

- 🔧 只有合格的维修人员才可以安装或修理本机。
- ⚠ 机器显示混暗时请更换同规格电池。
- ✅ 装入电池后，机器若出现异常情况或显示，请将电池取出并等待5秒后重新装入。
- 🚫 您的校音器不具备防水性能，请勿用水清洁。

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