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› Seiko STH-200B Chromatic Tuner and Metronome User Manual

SEIKO STH200B

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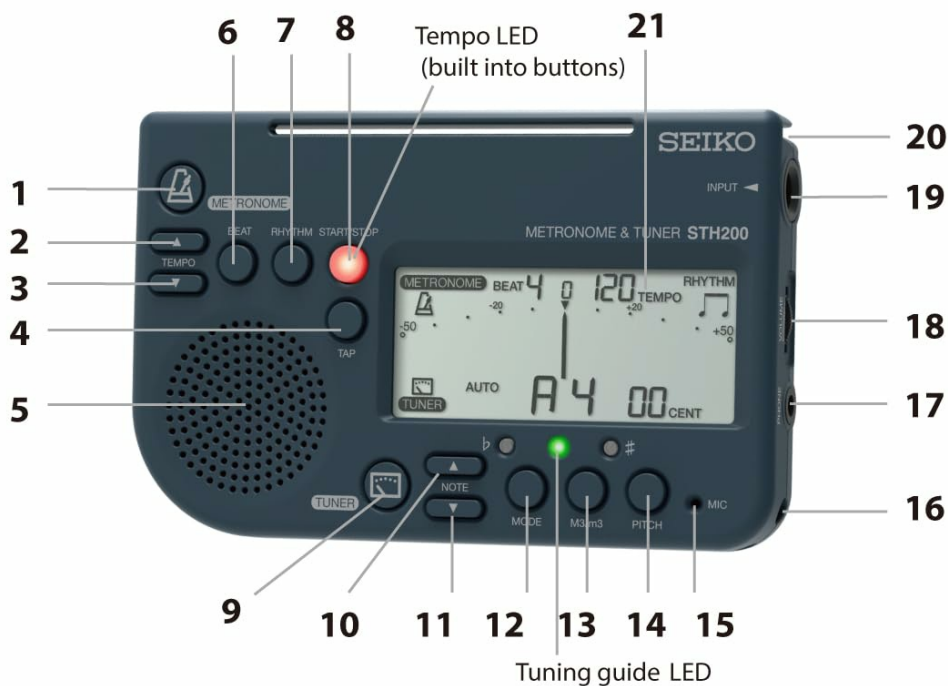
INTRODUCTION

This manual provides instructions for the proper use and care of your Seiko STH-200B Chromatic Tuner and Metronome. This device is designed to assist musicians with accurate instrument tuning and precise rhythm practice. It features both tuning and metronome functions, along with reference tones for vocal training.

PRODUCT OVERVIEW

Familiarize yourself with the components and display of your STH-200B unit.

SEIKO Metronome & Tuner STH200



1. Metronome ON/OFF button
2. Tempo UP button
3. Tempo DOWN button
4. Tap button
5. Speaker
6. Beat button
7. Rhythm button
8. START/STOP button
9. Tuner ON/OFF button
10. Note UP button

11. Note DOWN button
12. MODE button
13. M3/m3 switch button
14. PITCH button
15. Built-in microphone
16. Strap hole
17. Headphone jack
18. Volume dial
19. Input jack
20. Slit for attachment to music stand
21. LCD display

Figure 1: Seiko STH-200B Controls and Ports

SEIKO Metronome & Tuner STH200

Tempo LED

Flashes on every beat

Upbeat: red Downbeat: green

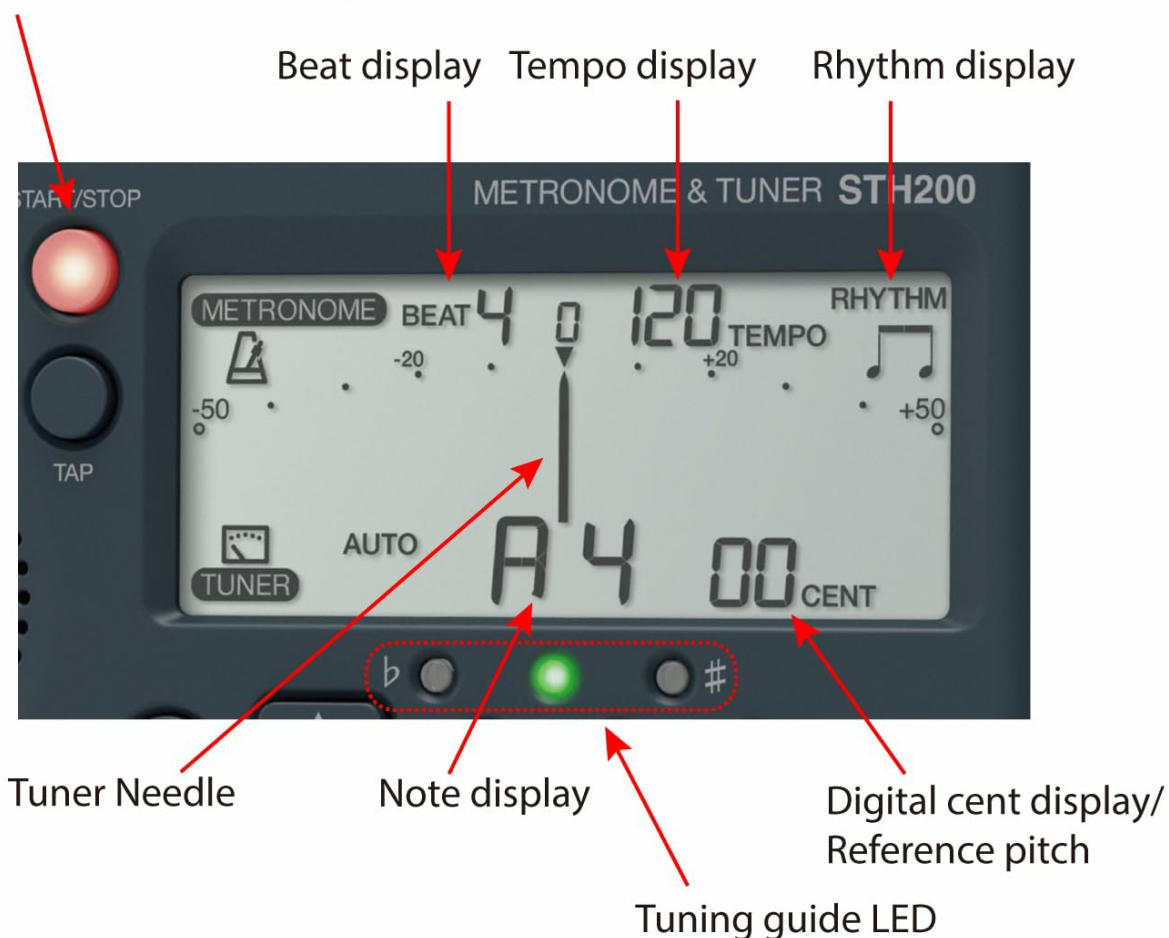


Figure 2: Seiko STH-200B LCD Display Elements

SETUP

Battery Installation

The STH-200B operates on two AAA batteries (not included). To install, open the battery compartment cover located on the back of the unit. Insert the batteries according to the polarity markings (+/-) inside the compartment, then close the cover securely.



Figure 3: Rear view with battery compartment and kickstand

Using the Kickstand

For tabletop use, pull out the kickstand located on the back of the unit to prop it up at an angle.

Attaching to a Music Stand

The STH-200B features a unique slot designed to attach to the lip of most music stands. Carefully slide the unit onto the music stand lip until it is securely in place. Ensure the attachment is stable before use.

SEIKO Metronome & Tuner STH200

Attach to Music stand

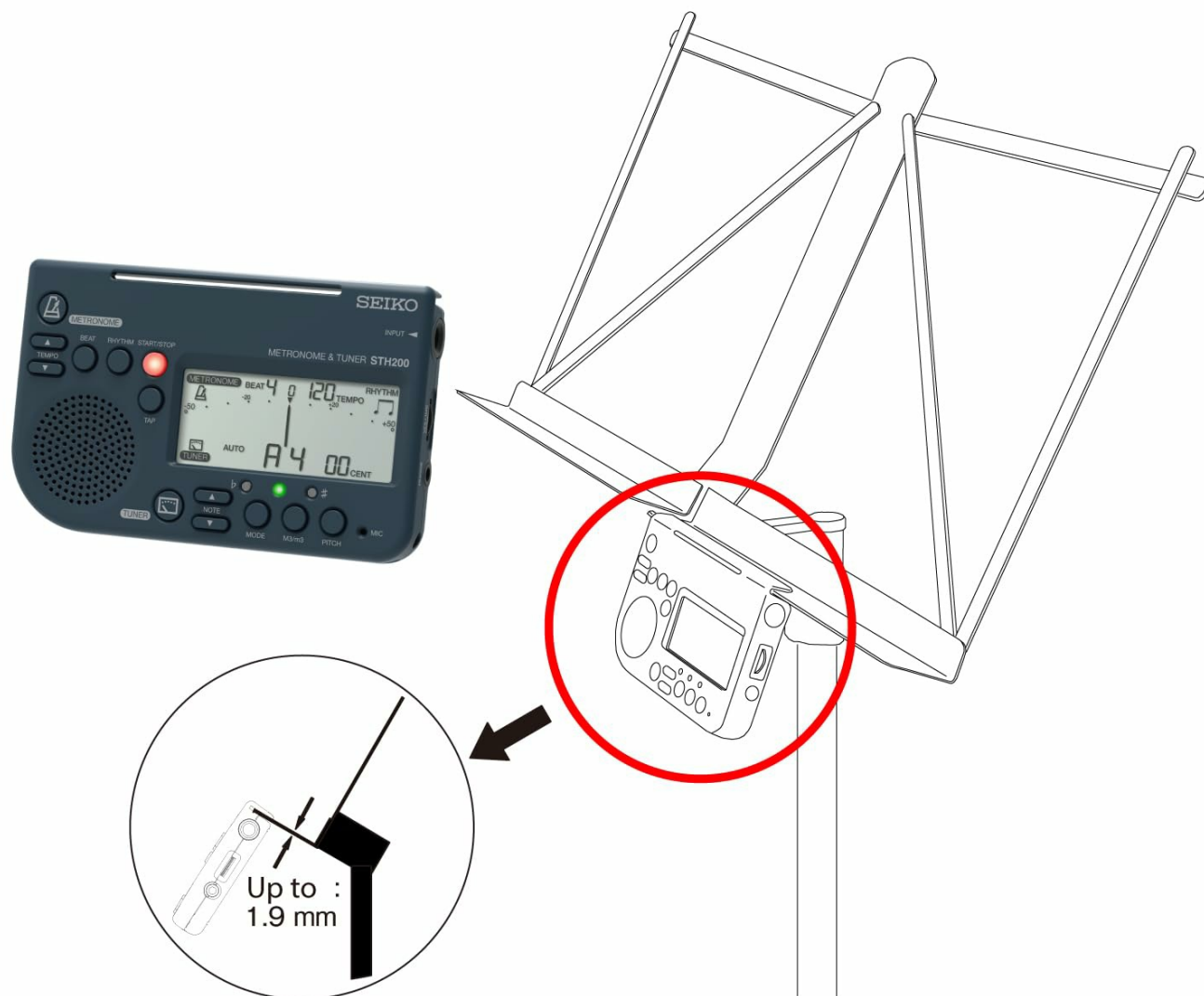


Figure 4: Music stand attachment diagram



Figure 5: STH-200B attached to a music stand

OPERATING INSTRUCTIONS

Power On/Off

Press the **METRONOME ON/OFF** button or **TUNER ON/OFF** button to power on the unit. To power off, press and hold either ON/OFF button for a few seconds.

Tuner Mode

1. Press the **TUNER ON/OFF** button to enter Tuner Mode. The display will show tuning information.
2. Play a single note on your instrument. The STH-200B can detect notes via its built-in microphone or through the **INPUT** jack (for instruments with pickups).
3. The **Tuner Needle** on the LCD will indicate pitch deviation. The **Note display** will show the detected note. The **Digital cent display** shows the precise deviation in cents.
4. Adjust your instrument's pitch until the tuner needle is centered and the **Tuning guide LED** turns green. Red LEDs indicate flat or sharp.
5. The tuning range is A0 to C8.

Metronome Mode

1. Press the **METRONOME ON/OFF** button to enter Metronome Mode.
2. Use the **Tempo UP** and **Tempo DOWN** buttons to set the desired tempo (30-250 BPM).
3. Press the **Beat** button to select the number of beats per measure (e.g., 0, 1, 2, 3, 4, 5, 6, 7, 8, 9).
4. Press the **Rhythm** button to select the rhythm pattern (e.g., quarter notes, eighth notes, triplets).
5. Press **START/STOP** to begin or pause the metronome. The **Tempo LED** will flash with each beat (red for upbeat, green for downbeat).

6. Adjust the volume using the**Volume dial**.

Reference Tone Mode

1. While in Tuner Mode, press the**PITCH** button to cycle through reference tones. The reference tone range is C3 to C6.
2. Use the**Note UP** and **Note DOWN** buttons to select the desired reference note.
3. The unit will emit the selected tone through its speaker or connected headphones.
4. Adjust the volume using the**Volume dial**.

Simultaneous Use

The Seiko STH-200B allows for simultaneous use of both metronome and tuner functions, enabling comprehensive practice sessions.

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Video 1: Demonstration of the Seiko STH-200B Metronome and Tuner functions in use, showing how it can be attached to a music stand and used for tuning and rhythm practice.

MAINTENANCE

1. **Cleaning:** Wipe the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
2. **Battery Care:** Remove batteries if the unit will not be used for an extended period to prevent leakage.
3. **Storage:** Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

- **No Power:** Check battery installation and ensure batteries are fresh.
- **Inaccurate Tuning:** Ensure the microphone is not obstructed or use the input jack for better signal detection. Check ambient noise levels.
- **No Metronome Sound:** Check volume setting and ensure headphones are not connected if you intend to use the speaker.

SPECIFICATIONS

Tuning Range	A0 (27.5Hz) ~ C8 (4186Hz)
Reference Tone Range	C3 (130.81Hz) ~ C6 (1046.50Hz)
Metronome Tempo Range	30 ~ 250 BPM
Display	High Contrast LCD
Input	Built-in microphone, Input Jack
Output	Speaker, Headphone Jack
Power Supply	2 x AAA batteries
Material	Plastic
Attachment	Slot for music stand lip attachment, Rear kickstand

WARRANTY AND SUPPORT

This product is manufactured by Seiko. For warranty information or technical support, please refer to the official Seiko

website or contact your local distributor. The product's warranty description is listed as 'Na.' in the provided specifications, indicating that specific warranty details should be obtained directly from the manufacturer or seller.

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.

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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