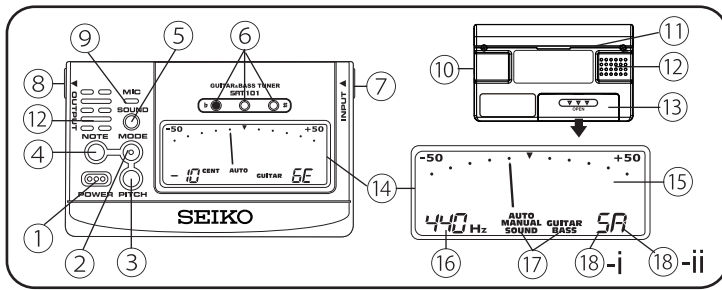


SEIKO GUITAR/BASS TUNER SAT101



INSTRUCTION MANUAL

NAMES OF PARTS

- | | | |
|---------------------|-----------------------|---|
| ① Power button | ⑦ Input jack | ⑬ Battery hatch |
| ② Mode button | ⑧ Output jack | ⑭ LCD display |
| ③ Pitch button | ⑨ Built-in microphone | ⑮ Tuning meter |
| ④ Note button | ⑩ Strap hole | ⑯ Cent/Pitch indication |
| ⑤ Sound button | ⑪ Slit for stand | ⑰ Mode indication |
| ⑥ Tuning guide lamp | ⑫ Speaker | ⑱ String name indication
i) String number ii) Note |

TUNING METHOD

- Press Mode button to select the desired tuning mode in the following order:



- **AUTO GUITAR or AUTO BASS mode:** Tuner automatically indicates the string name (string number and note) closest to the input note and the discrepancy between the input note and the note shown on display.
 - **MANUAL GUITAR or MANUAL BASS mode:** Set the string name you wish to tune to using Note button. Tuner indicates the discrepancy between the input note and the string note you have set.
- Press Pitch button to set the desired reference pitch.
** The digits move quickly if the button is kept pressed.*
 - Bring the instrument close to Built-in microphone, and pluck a string to give a single note.
** When tuning electric or electronic instruments, or when using the contact microphone sold separately for tuning, insert the plug of the instrument or microphone into Input jack. While a plug is connected with Input jack, the Built-in microphone is disabled.*
 - Tune the string until the pointer of Tuning meter indicates "0" with the string name you wish to tune being shown on the display.
** When discrepancy between the input note and the note indicated by String name indication is within the range of ± 3 cents, Tuning guide lamp in the middle will light up in green.*

Tuning to a Reference Note

- Press Sound button to give out a reference note. (Another press of the button will stop the sound.)
- Press Mode button to select "SOUND GUITAR" or "SOUND BASS".
- Press Note button to choose the string name you wish to tune.
- Press Pitch button to set the desired reference pitch.
** In SOUND GUITAR mode, Tuner gives out a note one octave higher than that of the corresponding string.*
** In SOUND BASS mode, Tuner gives out a note two octaves higher than that of the corresponding string.*

OTHER FUNCTIONS

- **Auto Power-Off Function:** Tuner is automatically turned off if no button operation or note input is made for a certain period of time (SOUND mode: approximately 5 minutes; other modes: approximately 20 minutes).
**To deactivate auto power-off function, press Power button while keeping Note and Sound buttons pressed at the same time. Once Tuner is turned off, the function is resumed when Tuner is turned on again.*
- **Memory Backup Function:** The settings you have made are stored in memory. If the batteries are replaced with new ones, Tuner will return to the following initial settings.
Tuning mode: [AUTO GUITAR], Pitch shift: [440 Hz], Guitar: [6E], Bass: [4E]
- **Slit Stand:** By inserting a card or coin into the slit on the rear of Tuner, it can be propped up on a desk, etc. It can also be hung on a music stand by putting its edge into the slit.
** Note that the card or coin used to prop up Tuner may get scratched or damaged accidentally.*
** Do not forcibly put the edge of the music stand into the slit, as this may damage Tuner or cause it to fall during use.*

BATTERY CHANGE

When batteries near their end, LCD display becomes dim, and the brightness of Tuning guide lamps reduces. In that case, replace batteries with new ones immediately.

- Make sure that Tuner is turned off.
- Slide battery hatch on the rear of Tuner in the direction of the arrow to remove it.
- Insert two R03/LR03 (AAA) dry batteries, checking that their terminals are properly aligned.
- Turn on and off Tuner by pressing Power button to check that it operates properly.
** Replace the two batteries at the same time. Do not mix old and new batteries or batteries of different makes and types together.*
** When disposing of old batteries, observe regulations of the authorities concerned.*
** When you decide not to use Tuner for a long time, remove batteries to prevent battery leakage.*
** Batteries included with your tuner are monitor batteries, and their battery life may be shorter than the specified period.*

CAUTIONS ON USING TUNER

- Do not connect an amplifier or other devices to Output jack while Input jack is unconnected. Otherwise, Built-in microphone may cause a howling noise to damage the device connected.
- Before pulling out the plug from Input or Output jack, be sure to turn off all the instruments or devices connected to Tuner.
- Tuner is equipped with a "bypass" function that outputs the signal input into Input jack to other devices through Output jack regardless of whether Tuner is turned on or off. When using this "bypass" function, however, be sure to turn off Tuner to prevent it from being adversely affected by noise caused by the signal.
- While Tuner is turned on, it may pick up noise from the surrounding environment or the hum noise generated by electric appliances, and shows indications as if a note is played. This is not a malfunction.
- Please note that musical instruments that generate harmonic overtones or short sustaining tones may not be tuned accurately even though the note input to Tuner is within the tunable range.

SPECIFICATIONS

- | | |
|-------------------------|---|
| 1. MODE | : AUTO GUITAR/MANUAL GUITAR/AUTO BASS/MANUAL BASS mode • SOUND mode |
| 2. TUNING RANGE | : GUITAR.....7B, 6E, 5A, 4D, 3G, 2B, 1E
BASS.....Low B, 4E, 3A, 2D, 1G, High C |
| 3. REFERENCE NOTE | : GUITAR.....7B, 6E, 5A, 4D, 3G, 2B, 1E
BASS.....Low B, 4E, 3A, 2D, 1G, High C
(Notes produced in SOUND GUITAR and SOUND BASS modes are one octave and two octaves higher than those of the corresponding strings, respectively.) |
| 4. TUNING ACCURACY | : ± 1 cent |
| 5. PITCH SHIFT | : A4 = 435 Hz ~ 446 Hz (at 1 Hz steps) |
| 6. ADDITIONAL FUNCTIONS | : Auto power-off, memory backup |
| 7. TERMINAL | : Input jack ($\phi 6$ mm, monaural), output jack ($\phi 6$ mm, monaural) |
| 8. POWER SUPPLY | : R03/LR03 (AAA) dry battery, 2 pieces (3 V) |
| 9. OVERALL DIMENSIONS | : 105.6 (W) x 64.0 (H) x 17.7 (D) mm (including protrusions) |
| 10. WEIGHT | : 90 g (including batteries) |
| 11. ACCESSORIES | : Instruction manual and monitor batteries R03/LR03 (AAA), 2 pieces |

** The design and specifications are subject to change without prior notice for product improvement.*