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Casio CT-S1

Casio Casiotone CT-S1 61-Key Digital Keyboard User Manual

Model: CT-S1

1. INTRODUCTION

Welcome to the world of music with your new Casio Casiotone CT-S1 61-Key Digital Keyboard. This ultra-portable and stylish instrument is designed for musicians of all levels, from beginners to seasoned players. Featuring 61 full-size, touch-responsive keys and the advanced AiX Sound Source, the CT-S1 delivers dynamic and expressive tones, including a rich stereo grand piano and 60 additional studio-quality sounds. Its sleek design, optional battery power, and USB-MIDI connectivity make it a versatile partner for practice, performance, and creative expression anywhere, anytime.



Figure 1: Front view of the Casio Casiotone CT-S1 digital keyboard.

2. WHAT'S IN THE BOX

Your Casio Casiotone CT-S1 package includes the following items:

- Casio Casiotone CT-S1 61-Key Digital Keyboard
- AC Adapter (for power operation)
- Music Rest (for holding sheet music or smart devices)

3. SETUP

Follow these steps to set up your CT-S1 keyboard:

1. **Power Connection:** Connect the included AC adapter to the DC 9.5V port on the rear of the keyboard and plug it into a wall outlet. Alternatively, for portable use, insert 6 AA batteries into the battery compartment on the underside of the keyboard.
2. **Music Rest Attachment:** Insert the music rest into the designated slots on the top panel of the keyboard.
3. **Headphones/External Output:** For private practice, connect headphones to the PHONES/OUTPUT jack. To connect to an external amplifier or sound system, use the same PHONES/OUTPUT jack.
4. **Sustain Pedal (Optional):** Connect a compatible sustain pedal (sold separately) to the PEDAL jack on the rear panel.



Figure 2: Rear panel connections for power, pedals, and audio.

4. OPERATING INSTRUCTIONS

The CT-S1 features an intuitive front panel for easy operation:

- **Power On/Off:** Press the **POWER** button to turn the keyboard on or off.
- **Volume Control:** Use the large **VOLUME** knob to adjust the overall sound level.
- **Tone Selection:** Directly select tones using the dedicated buttons for PIANO, E.PIANO 1, E.PIANO 2, ORGAN, KEYBOARD, SYNTH, and OTHERS. Pressing a button repeatedly cycles through variations within that category (Standard, Advanced, Modern, Vintage).
- **Function Button:** Press the **FUNCTION** button to access deeper settings and features, often in combination with specific keyboard keys.
- **Metronome:** Activate the metronome for practice by pressing the **METRONOME** button.
- **Record/Playback:** Use the **REC/PLAY/STOP** buttons to record and playback your performances.
- **Surround Sound:** Engage the **SURROUND** feature for an immersive audio experience.

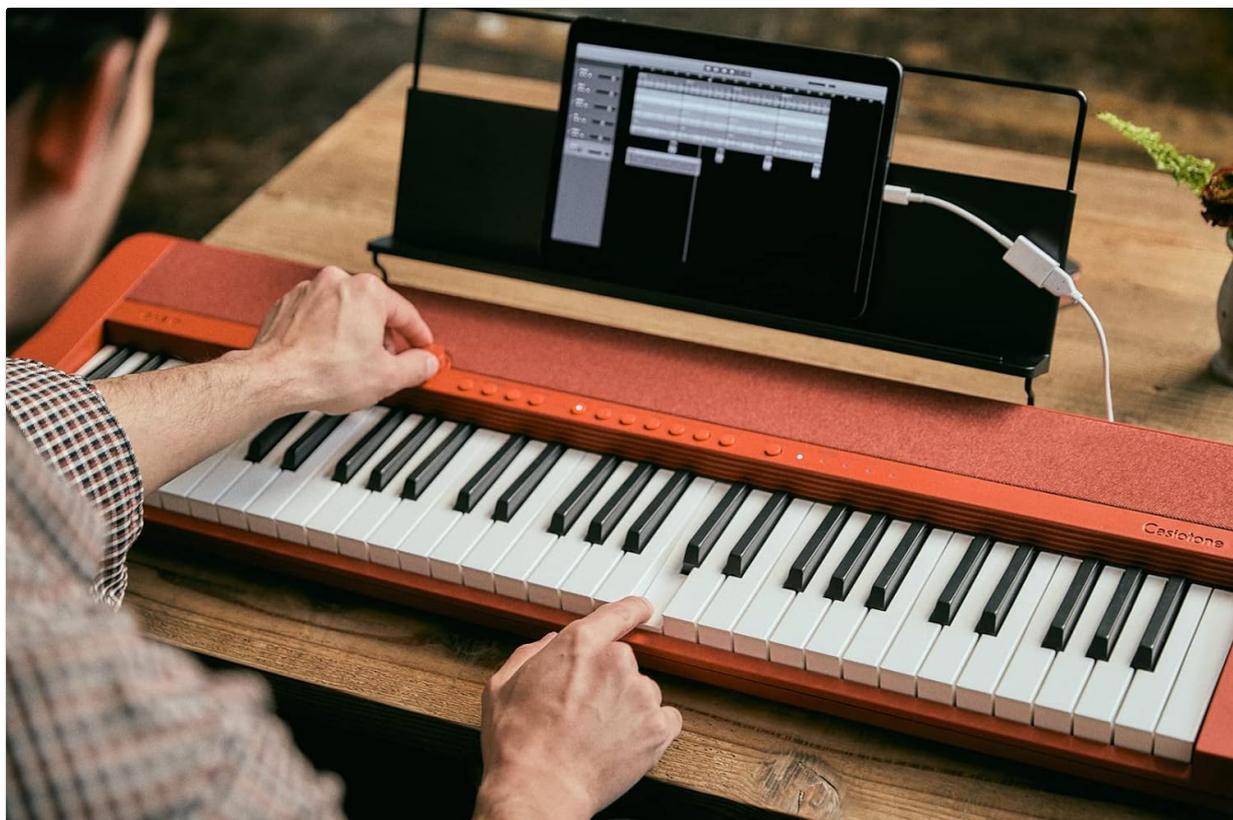


Figure 3: Hands-on interaction with the keyboard's keys and controls.

5. SOUND & TONES

The CT-S1 is equipped with Casio's AiX Sound Source, offering 61 high-quality tones. These tones are categorized for quick access and include various styles:

- **Standard Tones:** Classic and essential instrument sounds.
- **Advanced Tones:** Special patches with velocity-switched samples and DSP effects.
- **Modern Tones:** Sounds commonly used in contemporary music.
- **Vintage Tones:** Recreations of popular instrument voices from prior eras, including classic Casio sounds from the VL Pocket Synthesizer, CT-101 Casiotone, and CZ/VZ-1 synthesizers.

You can also layer two different tones simultaneously and adjust their volume mix for rich, complex sounds. The keyboard features 64-note polyphony, ensuring notes do not drop out during complex passages.

Sound Demo: Casio CT-S1 Tone Features & Quality

Video 1: A detailed demonstration of the various tones and sound qualities available on the Casio Casiotone CT-S1 keyboard.

6. CONNECTIVITY

The CT-S1 offers smart connectivity options to enhance your musical experience:

- **USB-MIDI:** Connect the keyboard to a computer (Mac/PC) or smart device (iOS/Android) using a USB cable for MIDI data transfer. This allows you to use the CT-S1 as a MIDI controller for music production software or to interact with educational apps like Chordana Play.
- **Wireless Bluetooth (Optional):** With an optional wireless Bluetooth adapter (WU-BT10, sold separately), you can connect wirelessly to apps or stream audio through the keyboard's speakers.
- **Audio In:** Use the AUDIO IN jack to connect an external audio player and play along with your favorite songs.

7. PORTABILITY & POWER

Designed for music anytime, anywhere, the CT-S1 emphasizes portability:

- **Lightweight Design:** Weighing approximately 9.9 pounds (4.5 kg), the keyboard is easy to carry.
- **Battery Operation:** Power the keyboard with 6 AA batteries for up to 3 hours of continuous use, allowing you to play without needing an electrical outlet.
- **Strap Pins:** Integrated strap pins allow you to attach a guitar strap (sold separately) and play the keyboard standing up.



Figure 4: Side view highlighting the slim and portable design.

8. MAINTENANCE

To ensure the longevity and optimal performance of your Casio Casiotone CT-S1, follow these maintenance guidelines:

- **Cleaning:** Wipe the keyboard's surface with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and then dry thoroughly. Avoid abrasive cleaners, solvents, or waxes, as they can damage the finish.
- **Storage:** Store the keyboard in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. If storing for an extended period, remove the batteries to prevent leakage.
- **Handling:** Always handle the keyboard with care. Avoid dropping it or subjecting it to strong impacts. When transporting, use a protective case (sold separately).
- **Dust Protection:** Keep the keyboard covered with a dust cover (sold separately) when not in use to prevent dust accumulation on the keys and internal components.

9. TROUBLESHOOTING

If you encounter any issues with your CT-S1, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
No sound	Volume too low; headphones connected; power issue.	Increase volume; disconnect headphones; check AC adapter/batteries.
Keys not responding	Keyboard not powered on; MIDI settings issue.	Ensure power is on; check MIDI connections/settings if using as controller.
Bluetooth connection fails	Adapter not inserted; device out of range; interference.	Ensure optional WU-BT10 adapter is inserted; move device closer; restart Bluetooth.
Sound is distorted	Volume too high; speaker obstruction.	Lower volume; ensure speakers are unobstructed.

For more detailed troubleshooting, please refer to the full user manual available on the official Casio website.

10. SPECIFICATIONS

Key technical specifications for the Casio Casiotone CT-S1:

- **Keys:** 61 full-size, touch-responsive keys
- **Sound Source:** AiX Sound Source
- **Tones:** 61 (including Stereo Grand Piano, Electric Pianos, Organs, Synths, and Vintage Casio Tones)

- **Polyphony:** 64 notes
- **Speakers:** Bass-reflex stereo speakers (2.5W + 2.5W)
- **Connectivity:** USB-MIDI (Type B to Host, Type A to Device), 3.5mm Audio In, 3.5mm Phones/Output, Pedal Jack
- **Power:** AC Adapter (AD-E95100L) or 6 AA batteries
- **Battery Life:** Approximately 3 hours (with AA alkaline batteries)
- **Dimensions:** 36.61 x 10.15 x 3.26 inches (930 x 258 x 83 mm)
- **Weight:** Approximately 9.92 pounds (4.5 kg)
- **Special Features:** Strap pins, My Setup function, Tone Memory, Surround effect, Metronome, Recorder

11. WARRANTY & SUPPORT

Casio provides a limited warranty for its products. For specific warranty terms, registration, and support inquiries, please visit the official Casio website or contact their customer service. Keep your purchase receipt as proof of purchase for warranty claims.

Online Resources:

- Official Casio Website: www.casio.com
- Product Support Page: Refer to the Casio website for your specific model's support page.