

Casio -style format, allowing you to play along with lighted keys. □

Casio Casiotone LK-S450

USER INSTRUCTION MANUAL

1. Introduction

Welcome to the Casio Casiotone LK-S450, a versatile and portable 61-key electronic keyboard designed for both beginners and experienced musicians. This instrument combines a rich sound library with innovative learning tools, making music creation and learning accessible and enjoyable. Please read this manual thoroughly to understand all features and ensure proper use.



Figure 1.1: Top view of the Casio Casiotone LK-S450 keyboard.

Key Features:

- **Key Lighting System:** 61 full-size, touch-sensitive keys with integrated lighting for intuitive learning.
- **Extensive Sound Library:** 600 high-quality tones powered by AiX, including a German grand piano, and 200 rhythms.
- **Portability:** Lightweight design (under 10 lbs) with powerful stereo speakers, SURROUND mode, and strap pins for on-the-go use.
- **Connectivity:** USB-MIDI for connection to computers and smart devices, and app integration with Casio Music Space and Chordana Play.

- **Learning Tools:** Step-Up lessons and a 6-track recorder to aid in practice and composition.
- **Bluetooth Ready:** Supports optional WU-BT10 adapter for wireless MIDI/audio connection.

2. Setup

2.1. Unboxing and Contents

Carefully remove all components from the packaging. Ensure the following items are present:

- **Casio Casiotone LK-S450 Keyboard**
- **9.5V DC Power Supply**
- **Music Rest**
- **User Manual (this document)**

2.2. Power Connection

The LK-S450 can be powered using the included AC adapter or 6 AA batteries (sold separately).

- **AC Adapter:** Connect the 9.5V DC power supply to the DC 9.5V jack on the rear of the keyboard and plug it into a standard wall outlet.
- **Batteries:** Open the battery compartment on the bottom of the keyboard and insert 6 AA batteries, ensuring correct polarity. The keyboard supports both NiMH and alkaline batteries.



Figure 2.1: Rear panel with power input and USB ports.

2.3. Initial Power-On

Press the **POWER** button to turn on the keyboard. The LCD screen will illuminate, and the default tone (Stage Piano) will be selected.

3. Operating Instructions

3.1. Basic Operation

- **Selecting Tones:** Use the **TONE** button and the data entry dial to browse and select from 600 different instrument tones.
- **Selecting Rhythms:** Press the **RHYTHM** button and use the data entry dial to choose from 200 built-in rhythms.
- **Volume Control:** Adjust the master volume using the **VOLUME** knob.
- **Touch Sensitivity:** The keys are touch-sensitive, meaning the volume changes based on how hard you press them. This feature can be adjusted or turned off via the function menu for consistent volume.
- **Pitch Bend:** Utilize the pitch bend wheel located on the left side of the keyboard to smoothly alter the pitch of notes for expressive playing.



Figure 3.1: Control panel with LCD screen and data entry dial.

3.2. Learning Features

- **Key Lighting System:** When a song is selected for learning, the keys will light up to indicate the correct notes to play. This visual guide assists in learning melodies and chords.
- **Step-Up Lessons:** Engage with the built-in Step-Up lessons to practice songs in stages, improving your playing skills progressively. The keyboard provides voice-guided feedback.
- **Chordana Play App:** Connect your keyboard to the free Chordana Play app (iOS/Android) to access a vast library of MIDI files. The app displays notes in a