Casio CTK-3500

Casio CTK-3500 Portable Piano Keyboard User Manual

1. INTRODUCTION

The Casio CTK-3500 is a versatile 61-key touch-sensitive portable piano keyboard designed for musicians of all levels. It features a wide array of 400 onboard tones, 150 rhythms, and various digital effects, offering a rich musical experience. Key functionalities include a Dance Music Mode for creating dynamic tracks, seamless integration with the Chordana Play app for interactive learning, and Casio's renowned Step-Up Lesson System to guide users through their musical journey. This manual provides detailed instructions for setting up, operating, and maintaining your CTK-3500 keyboard.

Figure 1.1: Front view of the Casio CTK-3500 Keyboard.

2. PACKAGE CONTENTS

Please ensure all items listed below are included in your package:

- Casio CTK-3500 61-Key Portable Piano Keyboard
- Power Supply (AC Adapter)
- Wire-frame Music Stand
- User Manuals and Documentation

3. SETUP

3.1 Powering the Keyboard

Your CTK-3500 can be powered using the included AC adapter or with AA batteries for portable use.

- **Using the AC Adapter:** Connect the AC adapter to the DC 9.5V port on the rear panel of the keyboard and plug it into a standard wall outlet.
- **Using Batteries:** Open the battery compartment on the underside of the keyboard. Insert six (6) AA-size alkaline batteries, ensuring correct polarity.

3.2 Music Stand Installation

Insert the wire-frame music stand into the designated slots located on the top panel of the keyboard, behind the display screen.

3.3 Connecting External Devices

The CTK-3500 offers various connectivity options on its rear panel:

- **Headphones/Output:** Connect headphones to the 3.5mm PHONES/OUTPUT jack for private practice. This port can also be used to connect the keyboard to an external PA system or amplifier.
- **Audio In:** Use the 3.5mm AUDIO IN jack to connect an external audio player (e.g., MP3 player, smartphone) and play along with your favorite songs through the keyboard's speakers.
- **Sustain Pedal:** Connect an optional sustain pedal to the SUSTAIN jack for extended note duration.
- **USB (MIDI):** Connect the USB Type B port to a computer or compatible smart device (Android/Apple) for MIDI data transfer, enabling use with digital audio workstation (DAW) software or the Chordana Play app.

Figure 3.1: Rear panel connectivity options.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Volume Control

- **Power:** Press the **POWER** button to turn the keyboard on or off. The keyboard features an auto power-off function to conserve energy.
- **Volume:** Use the **VOLUME** slider to adjust the overall output level of the keyboard.

4.2 Selecting Tones and Rhythms

The CTK-3500 offers 400 tones and 150 rhythms. Use the numeric keypad and the **TONE** or **RHYTHM** buttons to select your desired sound or accompaniment.

4.3 Dance Music Mode

Engage the Dance Music Mode to create and remix electronic dance music with 50 built-in patterns. This mode allows you to combine different phrases and effects to produce unique tracks.

Video 4.1: Official product video demonstrating the Casio CTK-3500's features, including Dance Music Mode.

4.4 Song Bank & Step-Up Lesson System

The keyboard includes a Song Bank with 60 built-in songs. Utilize the Step-Up Lesson System to learn these songs at your own pace, with on-screen guidance for fingering and notes.

4.5 Touch Response & Pitch Bend

- **Touch Response:** The keys are touch-sensitive, meaning the volume of the sound changes based on how hard or soft you press the keys, mimicking an acoustic piano.
- **Pitch Bend:** Use the Pitch Bend wheel located on the left side of the keyboard to smoothly raise or lower the pitch of notes, adding expressive nuances to your playing.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Casio CTK-3500, 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 wipe dry. Avoid abrasive cleaners or solvents.
- **Storage:** Store the keyboard in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Handling:** Avoid dropping the keyboard or subjecting it to strong impacts. Do not place heavy objects on top of it.
- **Power:** Disconnect the AC adapter when not in use for extended periods. Remove batteries if the keyboard will not be used for a long time to prevent leakage.

6. TROUBLESHOOTING

If you encounter any issues with your CTK-3500, refer to the following common troubleshooting tips:

- **No Sound:** Check the volume slider, ensure headphones are not plugged in if using speakers, and verify the power supply (AC adapter or batteries) is correctly connected and functioning.
- **Keys Not Responding:** Ensure the keyboard is powered on. If individual keys are unresponsive, contact customer support.
- **Distorted Sound:** Reduce the volume. If using external speakers, check their connections and volume levels.
- **Keyboard Shuts Off Unexpectedly:** Check battery levels or AC adapter connection. The auto power-off feature may also be active.

7. SPECIFICATIONS

Feature	Description
Model Number	CTK-3500
Number of Keys	61
Key Type	Touch Sensitive, Piano-style
Polyphony	48 notes
Tones	400 (AHL Sound Chip)
Rhythms	150
Dance Music Patterns	50
Song Bank	60 songs

Feature	Description
Lesson System	Step-Up Lesson System
Connectivity	USB Type B, 3.5mm Audio In, 3.5mm Phones/Output, Sustain Pedal Input
Power Supply	AC Adapter (AD-E95100L), 6 x AA batteries
Dimensions (W x D x H)	12.09 x 37.24 x 3.62 inches
Weight	7.5 pounds
Speakers	2 x 4 Watts

8. WARRANTY & SUPPORT

For detailed warranty information, please refer to the warranty card included in your product packaging. For additional support, troubleshooting, or service inquiries, please visit the official Casio website or contact Casio customer service.

You can also refer to the official User Manual PDF for more in-depth information Casio CTK-3500 User Manual (PDF)

Related Documents - CTK-3500

CTK-6200 CTK-6250 WK-6600	**Casio CTK-6200, CTK-6250, WK-6600 User's Guide** This comprehensive user's guide provides detailed instructions and information for operating the Casio CTK-6200, CTK-6250, and WK-6600 digital keyboards. It covers setup, features, safety precautions, and advanced functions to help users maximize their musical experience.
CTK-2090 CTK-2400	**CASIO CTK-2090 CTK-2400 Digital Keyboard User's Guide** Comprehensive user's guide for the CASIO CTK-2090 and CTK-2400 digital keyboards. Learn about setup, features, playing techniques, sound selection, sampling, and troubleshooting.
CTK-3400SK	**Casio CTK-3400SK Digital Keyboard User's Guide** This user's guide provides comprehensive instructions for operating the Casio CTK-3400SK digital keyboard, covering setup, sound selection, automatic accompaniment, recording, MIDI connectivity, and troubleshooting.
CASIO ServiceManual CTK-230 SEP. 2003 HIGH-GRADE KEYBOARD	**Casio CTK-230 Service Manual** This service manual provides detailed technical information for the Casio CTK-230 high-grade keyboard, including specifications, block diagrams, circuit descriptions, disassembly instructions, diagnostic procedures, schematic diagrams, exploded views, and a parts list.

CASIO ServiceManual (without price) CTK-691 JUN. 2003 [keyboard image] ELECTRONIC KEYBOARD Ver.2 : Sep. 2006	[CASIO CTK-691 Service Manual: Technical Guide and Repair Information](#) This service manual for the CASIO CTK-691 electronic keyboard provides comprehensive technical details, including specifications, block diagrams, circuit descriptions, disassembly instructions, diagnostic procedures, schematic diagrams, exploded views, and a parts list. It is designed for service technicians and repair professionals.
CASIO SERVICE MANUAL & PARTS LIST (without price) CTK-4200 JUL. 2011 [keyboard image] ELECTRONIC KEYBOARD	[Casio CTK-4200 Service Manual & Parts List](#) Comprehensive service manual and parts list for the Casio CTK-4200 electronic keyboard, detailing specifications, block diagrams, PCB information, circuit descriptions, disassembly procedures, diagnostic programs, exploded views, parts lists, and schematic diagrams.