

Casio WK6500

Casio WK6500 76-Key Workstation Keyboard User Manual

1. INTRODUCTION AND OVERVIEW

The Casio WK6500 is a 76-key touch-sensitive workstation keyboard designed for practice, composition, and performance. It integrates a comprehensive set of features including a song sequencer, tone editor, various digital effects, a mixer, performance registration memory, USB MIDI interface, and SD card storage. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your WK6500 keyboard.



Figure 1.1: Front view of the Casio WK6500 Workstation Keyboard.

Key Features:

- 76-Key Full Size Keyboard Workstation with touch-sensitive keys.
- 670 Tones and Programs for diverse musical expression.
- 48-note Polyphony, 10 User Tones, and 200 Rhythms.
- USB MIDI Class Compliant for easy computer connectivity.
- Audio In and Mic Inputs for external audio sources and vocal performance.
- 16-track Song Sequencer with 1 system track, supporting up to 5 songs or approximately 30,000 notes.

- Tone Editor and Rhythm Editor for custom sound and rhythm creation.
- Extensive Digital Effects: 10 Reverbs, 5 Choruses, and 100 DSP types.
- SD Card Storage for saving data.

2. SETUP

2.1 Unpacking and Placement

Carefully remove the WK6500 from its packaging. Place the keyboard on a stable, flat surface. Ensure adequate space around the unit for ventilation and access to connections.

2.2 Power Connection

1. Connect the supplied AC adapter to the DC 9V jack on the rear panel of the keyboard.
2. Plug the AC adapter into a standard wall outlet.
3. Press the Power button located on the top panel to turn on the keyboard.

2.3 Connecting Peripherals

- **USB MIDI:** Connect a USB cable from the keyboard's USB port to your computer for MIDI communication.
- **Audio In:** Use a standard audio cable to connect external audio devices (e.g., MP3 player) to the AUDIO IN jack.
- **Mic In:** Connect a microphone to the MIC IN jack for vocal input.
- **Sustain Pedal:** Connect an optional sustain pedal to the SUSTAIN jack for expressive control.
- **SD Card:** Insert an SD memory card into the SD card slot for data storage and recall.



Figure 2.1: Angled view of the Casio WK6500, showing the keyboard and control panel.

3. OPERATING INSTRUCTIONS

3.1 Basic Operation

- **Selecting Tones:** Use the Tone buttons and numeric keypad to select from 670 built-in tones.
- **Playing Rhythms:** Use the Rhythm buttons and Start/Stop button to select and play from 200 built-in rhythms.

- **Volume Control:** Adjust the master volume knob to set the overall output level.
- **Touch Response:** The keyboard's touch-sensitive keys allow for dynamic expression based on how hard you strike them.

3.2 Song Sequencer

The 16-track song sequencer allows you to record and playback your performances. It supports recording up to 5 songs or approximately 30,000 notes. Editing tools include event insert, copy, delete, quantize, note locator, and step recording.

1. Enter Sequencer mode using the dedicated button.
2. Select an empty song track or an existing song to edit.
3. Press the Record button to begin recording your performance.
4. Use the various editing functions to refine your recorded tracks.

3.3 Tone and Rhythm Editing

- **Tone Editor:** Customize existing tones or create new ones by adjusting parameters such as attack, release, filter, and effects. Save up to 10 user tones.
- **Rhythm Editor:** Combine instrumental parts from multiple built-in rhythms. Adjust individual instrument volumes, pan, reverb, and other parameters. Store up to 10 original rhythms.

3.4 Digital Effects

The WK6500 includes a wide range of built-in effects to enhance your sound:

- 10 Reverb types
- 5 Chorus types
- 100 DSP (Digital Signal Processing) types

You can create and store up to 100 unique user DSP effects.

3.5 Mixer Function

The integrated mixer allows you to adjust the levels and other parameters of various sound sources, including internal tones, sequencer tracks, and external input from the AUDIO IN jack.

4. MAINTENANCE

4.1 Cleaning

To clean the keyboard, use a soft, dry cloth. For stubborn dirt, slightly dampen the cloth with water and a mild, non-abrasive detergent, then wipe dry immediately. Avoid using abrasive cleaners, solvents, or alcohol, as these can damage the finish.

4.2 Storage

When not in use for extended periods, store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures. Cover the keyboard to protect it from dust.

4.3 General Care

- Avoid placing heavy objects on the keyboard.

- Do not expose the keyboard to excessive moisture or liquids.
- Protect the keyboard from strong impacts or vibrations.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Casio WK6500 keyboard.

5.1 No Sound or Low Volume

- Check if the power is on and the AC adapter is securely connected.
- Ensure the master volume knob is turned up.
- If headphones are connected, disconnect them to check speaker output.
- Verify that individual track or instrument volumes in the mixer are not set to zero.

5.2 Sustain Pedal Malfunction

If the sustain pedal causes arbitrary notes to sound or tones to hold indefinitely:

- Ensure the sustain pedal is fully inserted into the correct jack.
- Try disconnecting and reconnecting the pedal.
- Test with a different sustain pedal if available to rule out a pedal defect.
- Power cycle the keyboard (turn off, then on) after connecting the pedal.

5.3 Keys Not Responding or Distorted Sound

If certain keys do not respond, or the sound is distorted, especially in specific modes:

- Perform a factory reset (refer to the full user manual for specific instructions on how to do this, as it may vary).
- Ensure no foreign objects are lodged under the keys.
- Check for any active effects or settings that might be causing the distortion.
- If the issue persists, contact Casio customer support.

6. SPECIFICATIONS



Figure 6.1: Casio WK6500 with an attached music stand.

Feature	Specification
Brand	Casio
Model Name	WK6500

Model Number	WK6500
Number of Keys	76
Key Type	Touch-Sensitive
Dimensions (L x W x H)	49.5 x 8.25 x 19 inches
Item Weight	26.25 Pounds
Power Source	Corded Electric
Connectivity Technology	USB MIDI
Tones	670
Polyphony	48-note
Rhythms	200
User Tones	10
User Rhythms	10
DSP Types	100 (plus 100 user DSP styles)
Reverbs	10
Choruses	5
Song Sequencer	16 tracks + 1 system track, max 5 songs / 30,000 notes
Inputs	Audio In, Mic In
Storage	SD Card Slot
UPC	079767313845

7. WARRANTY AND SUPPORT

7.1 Product Warranty

The Casio WK6500 keyboard comes with a **1-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, service, or further inquiries regarding your Casio WK6500, please visit the official Casio website or contact their customer support department. Detailed contact information and support resources can typically be found on the Casio website's support section.

When contacting support, please have your model number (WK6500) and serial number (if applicable) ready.

