

## KORG X50

# Korg X50 61-Key Synthesizer User Manual

Model: X50 | Brand: KORG

### INTRODUCTION

Welcome to the user manual for your new Korg X50 61-Key On the go Triton powered Synthesizer. The X50 is a compact and powerful instrument designed for musicians seeking high-quality sounds and versatile performance capabilities in a portable package. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your synthesizer, ensuring you get the most out of its advanced features.



Figure 1: The Korg X50 61-Key Synthesizer, showcasing its compact design and control layout.

### SETUP

## Unpacking and Inspection

Carefully remove the Korg X50 from its packaging. Inspect the unit for any signs of damage that may have occurred during transit. Retain all packaging materials for future transport or storage.

## Connecting Power

Connect the supplied AC adapter to the DC IN jack on the rear panel of the X50. Plug the other end of the adapter into a standard electrical outlet. Ensure the power switch is in the OFF position before connecting power.

## Audio Connections

- **Stereo Output:** Connect the L/MONO and R output jacks to your mixer, audio interface, or amplifier using standard 1/4-inch TS cables.
- **Headphones:** Plug your headphones into the 3.5mm headphone jack for private monitoring.

## MIDI and USB Connections

- **MIDI In/Out:** Use standard MIDI cables to connect the X50 to other MIDI devices for control or sequencing.
- **USB:** Connect the USB port to your computer for MIDI communication and data transfer. Install necessary drivers if prompted by your operating system.

## OPERATING INSTRUCTIONS

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### Powering On/Off

To power on the X50, ensure all connections are secure, then flip the power switch to the ON position. To power off, flip the switch to the OFF position. Always power off before disconnecting cables.

### Basic Navigation

The X50 features a clear LCD display and dedicated buttons for navigating through programs, combis, and global settings. Use the data entry dial and cursor buttons to select and adjust parameters.

### Sound Selection and Editing

- **Programs:** Access 512 single Programs, each a complete sound. Use the Program buttons to select categories and the data dial to choose specific sounds.
- **Combis:** Explore 384 eight-part Combis, which layer and split multiple programs for rich, complex sounds.
- **Multi-Effects:** Utilize the on-board multi-effects to enhance your sounds. Parameters can be adjusted via the menu system.

### Performance Features

- **Velocity-Sensing Keys:** The 61 velocity-sensing keys respond to your playing dynamics.
- **Pitch Bend & Mod Wheels:** Use these wheels for expressive control over pitch and modulation.
- **Dual Poly Arpeggiators:** Engage the arpeggiators to generate rhythmic patterns from held notes.

## MAINTENANCE

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### Cleaning

Wipe the surface of the X50 with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and then dry thoroughly. Avoid abrasive cleaners or solvents, as they can damage the finish.

## Storage

When not in use, store the synthesizer in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. If storing for extended periods, consider using a dust cover or the original packaging.

## Firmware Updates

Periodically check the official Korg website for any available firmware updates. Updates can provide new features, improvements, or bug fixes. Follow the instructions provided by Korg for safe firmware installation.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No Sound Output	Volume too low; incorrect cable connection; external device issue.	Increase the X50's master volume. Check all audio cable connections. Ensure your mixer/amplifier is powered on and set correctly.
Keys Not Responding	MIDI local control off; incorrect MIDI settings.	Check the MIDI local control setting in the global parameters. Ensure no MIDI loop is occurring if connected to external devices.
Display Not Working	Power issue; internal fault.	Verify the AC adapter is securely connected and providing power. If the problem persists, contact Korg support.

If you encounter issues not listed here, or if the suggested solutions do not resolve the problem, please refer to the support section for further assistance.

## SPECIFICATIONS

<b>Model Name:</b> X50
<b>Number of Keys:</b> 61 velocity-sensing synth action keys
<b>Sound Engine:</b> Triton powered synthesis system
<b>Programs:</b> 512 Single Programs
<b>Combis:</b> 384 Eight-Part Combis
<b>Multis:</b> 128 Sixteen-Part Multis (16 preloaded)
<b>Effects:</b> Dual Poly Arpeggiators, On-board Multi-Effects
<b>Connectivity:</b> Stereo Outs, Individual Outs, Dedicated USB/MIDI Port, MIDI In/Out, 3.5mm Headphone Jack
<b>Dimensions (LxWxH):</b> 113.03 x 35.05 x 15.24 cm (44.5 x 13.8 x 6 inches)
<b>Weight:</b> 7.64 kg (16.85 lbs)
<b>Body Material:</b> Metal
<b>Color:</b> Black
<b>Power:</b> AC Adapter
<b>UPC:</b> 603384046154

## WARRANTY AND SUPPORT

### Warranty Information

Your Korg X50 Synthesizer comes with a limited manufacturer's warranty. Please refer to the warranty card included with your product or visit the official Korg website for detailed terms and conditions regarding warranty coverage, duration, and

service procedures. Keep your proof of purchase for warranty claims.

Customer Support



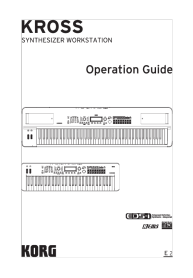
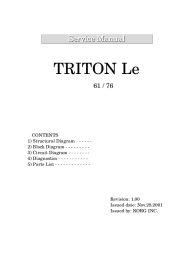

For technical assistance, product inquiries, or service requests, please contact Korg customer support. You can find contact information, FAQs, and additional resources on the official Korg website:

[Visit Korg Support Website](#)

When contacting support, please have your product model (X50) and serial number ready.

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Related Documents - X50

	<p><a href="#">Korg Triton Tools: User Guide for Triton Classic and Triton Rack Software</a></p> <p>Comprehensive guide to Korg Triton Tools software, covering setup, MIDI/audio routing, PCG file management, and integration with controllers like Korg Nanopad 2 and NanoKontrol 2 for Triton Classic and Triton Rack workstations.</p>
	<p><a href="#">Korg X50 Music Synthesizer: Operation Guide</a></p> <p>This operation guide provides detailed instructions and information for the Korg X50 Music Synthesizer, covering setup, features, programming, editing, and troubleshooting.</p>
	<p><a href="#">KORG KROSS SYNTHESIZER WORKSTATION Operation Guide</a></p> <p>Detailed operation guide for the KORG KROSS SYNTHESIZER WORKSTATION, covering setup, modes, program and combination editing, sequencing, effects, and advanced features. Learn to master your KROSS synthesizer.</p>
	<p><a href="#">KORG TRITON Le Service Manual</a></p> <p>This service manual provides detailed technical information for the KORG TRITON Le synthesizer keyboard, including structural diagrams, block diagrams, circuit diagrams, diagnostic procedures, and comprehensive parts lists for maintenance and repair.</p>
	<p><a href="#">KORG MS-20 Monophonic Synthesizer Owner's Manual</a></p> <p>Official owner's manual for the KORG MS-20 monophonic analog synthesizer, detailing its features, functions, controls, and setup for creating unique sounds.</p>



### [Korg X50 Music Synthesizer Operation Guide](#)

Detailed operation guide for the Korg X50 Music Synthesizer, covering setup, sound editing, performance features, and connectivity.