KORG AT 88

Korg Nautilus AT 88-key Synthesizer Workstation User Manual

Model: AT 88

Introduction   Safety Information   Package Contents   Setup   Operating
Instructions   Maintenance   Troubleshooting   Specifications   Warranty & Support

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Korg Nautilus AT 88-key Synthesizer Workstation. Please read this manual thoroughly before using the product to ensure proper operation and to prevent damage.

The Korg Nautilus AT is an advanced synthesizer workstation designed for music production and performance. It features an 88-key weighted keybed with aftertouch, nine distinct sound engines, a 16-track MIDI sequencer, an integrated arpeggiator, and HD audio recording capabilities. It also includes a 60GB SSD for storage and a software bundle for expanded sound design.

Figure 1.1: Front view of the Korg Nautilus AT 88-key Synthesizer Workstation.

This image displays the Korg Nautilus AT 88-key Synthesizer Workstation from a front-facing perspective, showcasing its full 88-key keyboard, central display, and various control knobs and buttons on the top panel. The overall design is sleek and professional, in a limited-edition gray finish.

2. SAFETY INFORMATION

Always observe the following basic precautions when using this product to reduce the risk of electric shock, short circuit, damages, fire or other hazards.

- **Power Supply:** Use only the specified power adapter. Ensure the voltage is correct for your region.
- **Location:** Do not expose the unit to rain, use it near water, or in damp or wet conditions. Avoid placing it in direct sunlight or near heat sources.
- **Ventilation:** Do not block any ventilation openings. Ensure adequate airflow around the unit.
- **Handling:** Avoid dropping or subjecting the unit to strong impacts. Do not place heavy objects on the unit.

- **Servicing:** Do not attempt to service the unit beyond what is described in this manual. Refer all servicing to qualified service personnel.
- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use liquid cleaners or aerosols.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Korg Nautilus AT 88-key Synthesizer Workstation (Model: AT 88)
- AC Power Cable
- Software Bundle Access Code/Information
- Quick Start Guide (separate document)
- Warranty Card (separate document)

If any items are missing or damaged, please contact your retailer or Korg customer support immediately.

4. SETUP

4.1 Physical Placement

Place the Nautilus AT on a stable, flat surface or a dedicated keyboard stand. Ensure there is sufficient space around the unit for ventilation and access to rear panel connections.

4.2 Power Connection

1. Ensure the power switch on the rear panel of the Nautilus AT is in the OFF position.
2. Connect the supplied AC power cable to the AC IN jack on the rear panel.
3. Plug the other end of the power cable into a suitable AC outlet.

Figure 4.1: Rear panel connections of the Korg Nautilus AT.

This image provides a detailed view of the rear panel of the Korg Nautilus AT, highlighting the various input and output ports, including the AC power input, MIDI ports, USB ports, and audio outputs. This is crucial for understanding how to connect the workstation to other equipment.

4.3 Connecting Peripherals

- **Audio Outputs:** Connect the main audio outputs (L/MONO, R) to your mixer, audio interface, or amplifier using standard 1/4-inch TS cables.
- **MIDI:** Use standard MIDI cables to connect to external MIDI devices (e.g., MIDI controllers, sound modules).
- **USB:** The USB Type B port can be used to connect to a computer for MIDI communication and data transfer. The USB Type A port can be used for connecting USB storage devices.
- **Pedals:** Connect sustain, assignable, or expression pedals to the appropriate jacks.

4.4 Initial Power-On

After all connections are made, turn on your audio system (mixer, amplifier) first, then flip the power switch on the Nautilus AT to the ON position. The display will illuminate, and the system will boot up. Reverse this order when powering off: turn off the Nautilus AT first, then your audio system.

5. OPERATING INSTRUCTIONS

5.1 Basic Controls and Interface

The Nautilus AT features a large color touchscreen display for navigation and parameter editing. Physical controls include an 88-key weighted keyboard with aftertouch, a joystick, assignable knobs, and various function buttons.

Figure 5.1: Angled view highlighting the display and control panel.

This image shows the Korg Nautilus AT from an elevated, angled perspective, emphasizing the central touchscreen display and the surrounding physical controls such as knobs, buttons, and the joystick. This view helps users identify key interaction points on the workstation.

5.2 Sound Engines and Programs

The Nautilus AT incorporates nine distinct sound engines. To select a program or combination, use the touchscreen interface to navigate through the various categories and banks. Programs are individual sounds, while combinations layer multiple programs for richer textures.

5.3 Aftertouch Functionality

The 88-key weighted keybed supports aftertouch, allowing for expressive control over sounds by applying additional pressure to a key after it has been pressed. The specific parameters controlled by aftertouch can be assigned and edited within each program.

Figure 5.2: Close-up of the weighted keys, demonstrating the aftertouch capability.

This close-up image focuses on the weighted keys of the Korg Nautilus AT, illustrating the texture and spacing of the keys. This detail is relevant for understanding the tactile experience and the aftertouch feature of the keyboard.

5.4 Sequencer and Arpeggiator

- **16-Track MIDI Sequencer:** Record and edit MIDI data across 16 tracks. Access the sequencer mode via the main menu.
- **Integrated Arpeggiator:** Activate the arpeggiator to generate rhythmic patterns from held notes. Parameters such as type, range, and gate time can be adjusted.

5.5 HD Audio Recording and SSD Storage

The Nautilus AT supports HD audio recording directly to its internal 60GB SSD. This allows for capturing performances, vocals, or external audio sources. Manage recorded files and samples using the file management utilities on the touchscreen.

5.6 Software Bundle Integration

Your Nautilus AT includes a software bundle. Refer to the provided software documentation for installation instructions and details on how to integrate these tools with your workstation for expanded sound design and production capabilities.

6. MAINTENANCE

6.1 Cleaning

Regularly wipe the surface of the Nautilus AT with a soft, dry cloth. For stubborn dirt, slightly dampen the cloth with water and a mild detergent, then wipe dry immediately. Avoid abrasive cleaners, solvents, or waxes, as these can damage the finish.

6.2 Storage

When not in use for extended periods, store the workstation in a dust-free environment, ideally covered with a dust cover. Avoid extreme temperatures and humidity.

6.3 Software Updates

Periodically check the official Korg website for firmware updates. Keeping your Nautilus AT's firmware up-to-date ensures optimal performance and access to new features. Follow the instructions provided with the update files carefully.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output.	Volume is low or muted; cables are disconnected; incorrect audio output settings.	Check the master volume knob and individual program volumes. Ensure audio cables are securely connected to the correct outputs and inputs of your audio system. Verify audio routing settings on the Nautilus AT.
Keys are unresponsive or stuck.	Dust or debris under keys; software glitch.	Gently clean around the keys. Try restarting the unit. If the problem persists, contact Korg support.
Display is blank or frozen.	Power issue; software error.	Ensure power cable is secure. Try powering off and on again. If the issue continues, perform a factory reset (refer to the full manual for instructions) or contact support.
MIDI communication issues.	Incorrect MIDI settings; cable issues.	Check MIDI IN/OUT connections. Verify MIDI channel settings on both the Nautilus AT and the external device. Ensure MIDI drivers are installed if connecting via USB to a computer.

For more detailed troubleshooting, please refer to the comprehensive owner's manual available on the Korg website.

8. SPECIFICATIONS

Feature	Detail
Model Name	Nautilus AT 88
Item Model Number	AT 88
Brand	KORG
Number of Keyboard Keys	88
Keybed Type	Weighted with Aftertouch
Sound Engines	9 (various types)
Sequencer	16-track MIDI sequencer
Storage	60GB SSD
Audio Recording	HD Audio Recording
Connectivity	MIDI, USB (Type A, Type B)
Power Source	Corded Electric
Color	Gray
Body Material	Alloy Steel, Stainless Steel
Item Weight	61.9 pounds (approx. 28.1 kg)
Product Dimensions (L x W x H)	62.5 x 19.1 x 9.8 inches (approx. 158.75 x 48.5 x 24.9 cm)
Included Components	Software bundle

9. WARRANTY AND SUPPORT

9.1 Product Warranty

The Korg Nautilus AT 88-key Synthesizer Workstation is covered by a limited manufacturer's warranty. Please refer to the warranty card included in your package for specific terms, conditions, and duration of coverage. Keep your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, product inquiries, or service requests, please visit the official Korg website or contact Korg customer support directly. You may find FAQs, additional manuals, and contact information on their support pages.
Korg Official Website: www.korg.com