## Kurzweil KaE1

# Kurzweil KaE1 Digital Piano User Manual

Model: KaE1

## 1. Introduction

This manual provides essential information for the proper setup, operation, and maintenance of your Kurzweil KaE1 Digital Piano. Please read these instructions thoroughly before using the instrument to ensure optimal performance and longevity.
The Kurzweil KaE1 is an 88-key digital piano featuring a realistic hammer action keyboard and 128-voice polyphony, designed to deliver an authentic piano playing experience with versatile sound options and modern connectivity.

## 2. Safety Instructions

- **Power Supply:** Use only the specified power adapter. Ensure the voltage matches your local power supply.
- **Water and Moisture:** Do not expose the instrument to water or excessive moisture. Avoid placing liquids on or near the piano.
- **Ventilation:** Ensure adequate ventilation. Do not block ventilation openings.
- **Heat Sources:** Keep the instrument away from heat sources such as radiators, heat registers, stoves, or other heat-producing apparatus.
- **Cleaning:** Clean only with a dry cloth. Do not use liquid cleaners or aerosols.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

## 3. Package Contents

Verify that all items are present in the package:

- Kurzweil KaE1 Digital Piano
- Power Adapter
- Sustain Pedal
- Music Rest
- User Manual (this document)

# 4. Product Overview

## 4.1 Front Panel and Keyboard

The Kurzweil KaE1 features an 88-key hammer action keyboard, providing a realistic touch and response similar to an acoustic piano. The control panel is located above the keys, offering intuitive access to various functions and sounds.




Image: Front view of the Kurzweil KaE1 Digital Piano, showcasing the 88-key hammer action keyboard and the integrated control panel.




Image: Close-up of the control panel, showing buttons for Bluetooth, Metronome, Reverb, Touch, Demo, Chorus, Function, and voice selection (Piano 1, Piano 2, E.Piano 1, E.Piano 2, Organ, Strings, etc.).

## 4.2 Rear Panel Connections

The rear panel provides all necessary input and output connections for power, pedals, audio, and MIDI communication.




Image: Rear panel connections, including USB TO HOST, AUX IN, SOFT pedal input, SUS/SOS pedal input, LINE OUT (L/MONO, R), PHONES output, and DC 12V 2A power input.

- **USB TO HOST:** Connects to a computer for MIDI data transmission.
- **AUX IN:** Audio input for connecting external audio devices.
- **SOFT:** Input for a Soft pedal.
- **SUS/SOS:** Input for a Sustain or Sostenuto pedal.
- **LINE OUT (L/MONO, R):** Audio outputs for connecting to external amplifiers, mixers, or recording devices.
- **PHONES:** Stereo headphone output for private practice.
- **DC 12V 2A:** Power input for the included AC adapter.

## 5. Setup

### 5.1 Unpacking and Placement

1. Carefully remove the digital piano and all accessories from the packaging.
2. Place the KaE1 on a stable, flat surface or a compatible keyboard stand.
3. Attach the music rest to the designated slot on the piano.

### 5.2 Power Connection

1. Connect the included power adapter to the DC 12V 2A input on the rear panel of the KaE1.
2. Plug the power adapter into a suitable AC outlet.

### 5.3 Pedal Connection

Connect the sustain pedal (and optional soft/sostenuto pedals) to the corresponding inputs on the rear panel.

### 5.4 Audio Connections

- **Headphones:** Plug stereo headphones into the PHONES jack for private listening.
- **External Speakers/Amplifier:** Connect the LINE OUT (L/MONO, R) jacks to an external amplifier, powered speakers, or a mixing console using appropriate audio cables.
- **External Audio Device:** Connect an MP3 player or other audio source to the AUX IN jack to play along with your favorite music.

### 5.5 USB MIDI Connection

To use the KaE1 as a MIDI controller or to send/receive MIDI data with a computer, connect a USB cable from the USB TO HOST port on the piano to a USB port on your computer.

## 6. Operating Instructions

### 6.1 Power On/Off

Press the POWER button to turn the instrument on. Press it again to turn it off.

### 6.2 Selecting Voices

The KaE1 includes the KORE 1.0 sound library with 20 factory instruments. These include optimized German D piano samples, electric pianos, organs, and more. Use the dedicated VOICE buttons on the control panel to select your desired sound.

### 6.3 Polyphony

The KaE1 offers 128-voice polyphony, allowing for complex musical passages without notes cutting off prematurely.

### 6.4 Split Function

The Split function allows you to divide the keyboard into two sections, each playing a different voice. Refer to the control panel for the 'SPLIT' button and follow the on-screen or indicator instructions to activate and configure.

### 6.5 Layer Function

The Layer function enables you to combine two different voices to be played simultaneously across the entire keyboard. Look for the 'LAYER' button on the control panel to activate and select voices for layering.

### 6.6 Metronome

The built-in metronome features 14 different clock types to assist with practice and timing. Press the 'METRONOME' button to activate and adjust settings like tempo and beat type.

### 6.7 MIDI Recorder

The KaE1 includes a 1-track MIDI recorder, allowing you to record and playback your performances. Consult the manual's specific section on the recorder for detailed instructions on recording, playback, and saving.

### 6.8 Bluetooth Audio and MIDI

The KaE1 supports Bluetooth for both audio and MIDI connectivity.

- **Bluetooth Audio:** Pair your smartphone or tablet to the KaE1 to stream audio wirelessly through the piano's speakers.
- **Bluetooth MIDI:** Connect wirelessly to MIDI applications on compatible devices for expanded control and functionality.

Press the 'BLUETOOTH' button on the control panel to initiate pairing mode.

## 7. Maintenance

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the piano. For stubborn dirt, slightly dampen the cloth with water, then wipe dry immediately. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the piano in a dust-free environment. If possible, cover it with a dust cover.

- **Transportation:** When moving the piano, ensure it is powered off and all cables are disconnected. Handle with care to avoid damage.

## 8. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| No sound | Volume too low; headphones connected; external speakers off/unplugged. | Increase volume; disconnect headphones; check external speaker power and connections. |
| Keys not responding | Instrument not powered on; MIDI settings incorrect. | Ensure power is on; check MIDI channel settings if using external MIDI. |
| Bluetooth connection issues | Device not in pairing mode; too far from piano; interference. | Ensure both devices are in pairing mode; move closer; reduce interference sources. |
| Distorted sound | Volume too high; faulty cables; external audio device issues. | Lower volume; check and replace cables; verify external audio device settings. |

## 9. Specifications

| Feature | Description |
|---|---|
| Brand | Kurzweil |
| Model | KaE1 |
| Number of Keys | 88 |
| Keyboard Action | Hammer Action |
| Polyphony | 128 Voices |
| Sound Library | KORE 1.0 (20 factory instruments, including German D piano samples, electric pianos, organs) |
| Functions | Split, Layer, Metronome (14 types), 1-track MIDI Recorder |
| Connectivity | Bluetooth Audio, Bluetooth MIDI, USB MIDI, AUX IN, SOFT Pedal, SUS/SOS Pedal, LINE OUT (L/MONO, R), PHONES |
| Color | Black |
| Power Supply | DC 12V 2A (Adapter included) |

## 10. Warranty and Support

The Kurzweil KaE1 Digital Piano comes with a standard manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions, including coverage duration and service procedures. For technical support, service inquiries, or further assistance, please contact your authorized Kurzweil dealer or visit

the official Kurzweil website for contact information and support resources.

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