

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [Kurzweil](#) /

› [Kurzweil KaP1-88-Key Fully-Weighted Hammer Action Portable Digital Piano User Manual](#)

## Kurzweil KaP1

# Kurzweil KaP1 Digital Piano User Manual

MODEL: KAP1

<a href="#">Introduction</a>	<a href="#">Package Contents</a>	<a href="#">Setup</a>	<a href="#">Operation</a>	<a href="#">Maintenance</a>	<a href="#">Troubleshooting</a>
	<a href="#">Specifications</a>		<a href="#">Warranty &amp; Support</a>		

## 1. Introduction

This manual provides essential instructions for the setup, operation, and maintenance of your Kurzweil KaP1 Digital Piano. The KaP1 is an 88-key portable digital piano featuring a fully-weighted hammer action keyboard, 28 flagship voices, 256 voices of polyphony, and versatile connectivity options including Bluetooth Audio + MIDI and USB Audio + MIDI. Please read this manual thoroughly to ensure proper use and to maximize your instrument's potential.

## 2. Package Contents

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

- Kurzweil KaP1 Digital Piano
- Power Supply
- Sustain Pedal
- USB Cable
- Bluetooth Cable
- ST-C1 Chrome Stand (if included in your specific bundle)
- User Manual (this document)

## 3. Setup

Follow these steps to set up your Kurzweil KaP1 Digital Piano.

### 3.1 Unpacking and Placement

Carefully remove the digital piano from its packaging. Place the instrument on a stable, flat surface or on the dedicated ST-C1 stand. Ensure adequate space around the unit for ventilation and cable connections.



**Image 3.1:** Front view of the Kurzweil KaP1 Digital Piano. This image displays the full 88-key keyboard, the control panel with various buttons and knobs, and the integrated speakers. The overall design is sleek and compact, suitable for portable use.

### 3.2 Power Connection

1. Ensure the piano's power switch is in the OFF position.
2. Connect the included power adapter to the DC 12V 2A input jack on the rear panel of the piano.
3. Plug the power adapter into a standard AC power outlet.

### 3.3 Sustain Pedal Connection

Connect the included sustain pedal to the 'SUSTAIN PEDAL' jack on the rear panel. This allows for sustain functionality similar to an acoustic piano.

### 3.4 Audio Output and Headphone Connections

For external amplification or private practice:

- **Line Out:** Use 1/4" cables to connect the L/R LINE OUT jacks to an amplifier, mixer, or audio interface.
- **Headphones:** Connect 1/4" or 1/8" stereo headphones to the dedicated headphone jacks for silent practice.

### 3.5 USB and Bluetooth Connectivity

The KaP1 supports both USB and Bluetooth for MIDI and audio data transfer.

- **USB:** Connect a USB cable from the 'TO HOST USB' port on the piano to your computer for MIDI and audio communication with music software.
- **Bluetooth:** Use the included Bluetooth cable to enable wireless audio and MIDI connectivity with compatible devices. Refer to Section 4.6 for pairing instructions.



**Image 3.2:** Rear panel connections of the Kurzweil KaP1 Digital Piano. This image highlights the various input and output ports, including Sustain Pedals, EXT USB, TO HOST USB, AUDIO IN, L/R LINE OUT, DC 12V 2A power input, and the power button.

## 4. Operating Instructions

This section details the primary functions and controls of your KaP1 Digital Piano.

### 4.1 Power On/Off and Volume Control

- **Power:** Press the power button on the rear panel to turn the unit ON or OFF.
- **Volume:** Use the large 'VOLUME' knob on the left side of the control panel to adjust the overall output level.
- **Bass/Treble:** Use the 'BASS' and 'TREBLE' knobs to fine-tune the tonal characteristics of the sound.



**Image 4.1:** Close-up of the Kurzweil KaP1 control panel. This view shows the Volume, Bass, and Treble knobs, along with buttons for Record, Play/Stop, Demo, Metronome, Rhythm, EDU, Transpose, Chorus, Reverb, EQ, Function, Tempo, and Piano Reset.

## 4.2 Voice Selection

The KaP1 features 28 hand-picked factory instruments. To select a voice:

- Press the desired voice category button (e.g., PIANO 1, EP 1, ORGAN 1, STRING, BRASS, etc.).
- Some categories have multiple voices. Press the button repeatedly to cycle through the available voices within that category. The display will show the currently selected voice.



**Image 4.2:** Close-up of the voice selection buttons on the Kurzweil KaP1. This image displays buttons for Layer, Split, Piano 1/2, EP 1/2, Organ 1/2, Harpsi, String, Brass, Bass, Pad, Synth, and Drums, along with the digital display showing the selected voice.

### 4.3 Layer and Split Modes

- **Layer:** Press the 'LAYER' button to combine two voices simultaneously. You can select the second voice using the voice category buttons.
- **Split:** Press the 'SPLIT' button to divide the keyboard into two sections, each with a different voice. The split point can typically be adjusted via the Function menu.

### 4.4 Metronome and Rhythm Functions

- **Metronome:** Press the 'METRONOME' button to activate the metronome. Use the 'TEMPO' buttons to adjust the tempo.
- **Rhythm:** Press the 'RHYTHM' button to select from various rhythm patterns. Use the 'TEMPO' buttons to adjust the rhythm speed.

### 4.5 Recording Function

The KaP1 includes a 1-track/1-song MIDI recorder.

1. Press the 'RECORD' button to enter recording standby mode.
2. Begin playing to start recording.
3. Press 'PLAY/STOP' to stop recording.
4. Press 'PLAY/STOP' again to playback your recorded performance.

### 4.6 Bluetooth Audio and MIDI

To connect your KaP1 via Bluetooth:

1. Ensure the Bluetooth cable is connected to the piano.
2. Activate Bluetooth on your external device (smartphone, tablet, computer).
3. Search for available Bluetooth devices and select 'KaP1' (or similar name) to pair.
4. Once paired, you can stream audio to the piano's speakers or use it as a MIDI controller wirelessly.

## 4.7 USB Audio and MIDI

Connect the 'TO HOST USB' port to your computer using a standard USB cable. The KaP1 will function as a MIDI interface and an audio interface, allowing you to record audio and MIDI data directly into your Digital Audio Workstation (DAW) or use software instruments.

## 4.8 Function Menu and Settings

Press the 'FUNCTION' button to access advanced settings such as Transpose, Chorus, Reverb, EQ, and Touch sensitivity. Use the 'TEMPO' buttons or voice selection buttons to navigate and adjust parameters within the function menu.

# 5. Maintenance

---

Proper care will extend the life and performance of your digital piano.

## 5.1 Cleaning

- Always disconnect the power adapter before cleaning.
- Use a soft, dry cloth to wipe the surface of the instrument.
- For stubborn dirt, lightly dampen the cloth with water and a mild, non-abrasive cleaner. Avoid excessive moisture.
- Do not use chemical solvents, alcohol, or abrasive cleaners, as these can damage the finish.

## 5.2 Storage and Environment

- Store the piano in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- Avoid placing the instrument near heat sources or in areas with significant temperature fluctuations.
- Protect the keyboard from dust using a dust cover when not in use.

# 6. Troubleshooting

---

If you encounter issues with your KaP1, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power adapter not connected; power outlet not working; power switch off.	Ensure power adapter is securely connected to both the piano and a working outlet. Check power switch position.
No sound	Volume too low; headphones connected; external speakers off/unplugged; incorrect voice selected.	Increase volume. Disconnect headphones if using internal speakers. Check external speaker connections and power. Select a different voice.
Keys not responding	Local control off (MIDI setting); instrument malfunction.	Check Function menu for Local Control setting. If issue persists, contact support.
Sustain pedal not working	Pedal not connected; pedal polarity incorrect.	Ensure pedal is fully inserted into the 'SUSTAIN PEDAL' jack. Some pedals have a polarity switch; check if it's set correctly.

Problem	Possible Cause	Solution
Bluetooth connection issues	Bluetooth not enabled; device out of range; interference.	Ensure Bluetooth is active on both devices. Move devices closer. Avoid sources of interference. Try re-pairing.

## 7. Specifications

Detailed technical specifications for the Kurzweil KaP1 Digital Piano:

- **Keyboard:** 88-Key, Fully-Weighted Hammer Action
- **Voices:** 28 Flagship Voices
- **Polyphony:** 256 Voices
- **Connectivity:** Bluetooth Audio + MIDI, USB Audio + MIDI, 1/4" Line Out (L/R), 1/4" & 1/8" Headphone Jacks, Sustain Pedal Input, Audio In
- **Speakers:** 4 speakers (2x 15W)
- **Power Source:** Corded Electric (DC 12V 2A)
- **Dimensions (W x D x H):** 51.8 inches x 13.2 inches x 4.6 inches (131.5 cm x 33.5 cm x 11.7 cm)
- **Item Weight:** 41.6 pounds (18.9 kg)
- **Model Name:** KaP1
- **Manufacturer:** Kurzweil
- **Material Type:** Plastic
- **Special Feature:** Hammer Action

## 8. Warranty and Support

Kurzweil products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included with your product or visit the official Kurzweil website. Keep your proof of purchase for warranty claims.

For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact Kurzweil customer support through their official website or the contact information provided in your product documentation.