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Kurzweil KP120A

Kurzweil KP120A Portable Arranger Keyboard User Manual

Model: KP120A

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your Kurzweil KP120A Portable Arranger Keyboard. Please read this manual thoroughly before using the instrument to ensure optimal performance and longevity.

2. SAFETY INFORMATION

- **Power Supply:** Use only the specified power adapter or compatible batteries. Ensure the voltage matches the instrument's requirements.
- **Moisture:** Keep the instrument away from water, high humidity, and direct rain. Do not operate with wet hands.
- **Heat:** Avoid placing the instrument near heat sources such as radiators, heat registers, stoves, or other heat-producing appliances.
- **Ventilation:** Do not block any ventilation openings. Ensure adequate airflow around the instrument.
- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Do not use liquid cleaners or aerosol cleaners.
- **Servicing:** Do not attempt to service the instrument yourself. Refer all servicing to qualified service personnel.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Kurzweil KP120A Portable Arranger Keyboard
- Power Adapter (12V DC external power supply)
- Sustain Pedal
- User Manual (this document)

4. SETUP

Follow these steps to set up your Kurzweil KP120A keyboard:

1. **Placement:** Place the keyboard on a stable, flat surface or a compatible keyboard stand.

2. Power Connection:

- **AC Power:** Connect the included 12V DC power adapter to the DC IN jack on the rear panel of the keyboard. Plug the other end into a suitable wall outlet.
- **Battery Power:** For portable use, insert the required batteries (not included) into the battery compartment located on the underside of the keyboard. Ensure correct polarity.

3. **Sustain Pedal:** Connect the included sustain pedal to the SUSTAIN PEDAL jack on the rear panel.

4. **Headphones (Optional):** For private practice, connect 1/4 inch stereo headphones to the HEADPHONE jack.

5. **Audio Output (Optional):** To connect to an external amplifier or sound system, use a 1/4 inch stereo cable from the AUDIO OUT jack to your audio equipment.

6. **MIDI Connectivity (Optional):** For MIDI communication, connect MIDI cables to the MIDI IN/OUT ports or a USB cable to the MIDI USB port.



Figure 1: The Kurzweil KP120A Portable Arranger Keyboard, showing its 61 keys, control panel, and various input/output ports on the rear.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press the **POWER** button located on the control panel to turn the instrument on or off. The LCD display will illuminate upon power-on.

5.2 Adjusting Volume

Use the **MASTER VOLUME** knob or buttons on the control panel to adjust the overall output volume of the keyboard.

5.3 Selecting Voices (Sounds)

The KP120A features 160 preset programs and a 64-voice polyphony. To select a voice:

1. Press the **VOICE** button.
2. Use the numeric keypad or +/- buttons to browse and select a desired voice. The selected voice name and number will appear on the LCD display.

Dual and Split Voices

The keyboard supports 10 preset dual voice options (layering two sounds) and 10 preset split voice options (assigning different sounds to different sections of the keyboard). Refer to the on-screen prompts or dedicated buttons for activating and selecting these modes.

5.4 Using Accompaniment Styles

The KP120A includes 130 auto-accompaniment styles, covering various musical genres, including 30 Eastern styles, each

with two variations.

1. Press the **STYLE** button.
2. Use the numeric keypad or **+/-** buttons to select a style.
3. Press **START/STOP** to begin the accompaniment.
4. Use **FILL-IN** buttons to add variations during playback.

5.5 Recording

The built-in recorder allows you to record up to 5 tracks for one song.

1. Press the **RECORD** button.
2. Select an empty track or the track you wish to overwrite.
3. Begin playing. The recording will start automatically.
4. Press **STOP** to end recording.
5. Press **PLAY** to listen to your recorded performance.

5.6 Effects

The KP120A includes 8 types of Reverb effects. Access the effects settings through the menu on the LCD display to select and adjust the desired reverb type and depth.

5.7 Metronome

To activate the metronome for practice, press the **METRONOME** button. Adjust the tempo using the **TEMPO** buttons.

5.8 Transpose and Tune

- **Transpose:** Use the **TRANSCOPE** function to shift the pitch of the entire keyboard up or down in semitone steps (up to +/-12 ST).
- **Tune:** Fine-tune the overall pitch of the instrument in cents (up to +/-63-64 cents) using the **TUNE** function.

5.9 Multi-Pads

The keyboard features 4 multi-pads that can trigger short musical phrases or sound effects. Refer to the instrument's display for selecting and assigning sounds to these pads.

6. MAINTENANCE

- **Cleaning:** Wipe the instrument with a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents.
- **Storage:** When not in use for extended periods, store the keyboard in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Key Care:** Keep the keys clean. Avoid excessive force when playing.
- **Battery Replacement:** If using batteries, replace them when the low battery indicator appears or when the sound quality degrades. Remove batteries if the instrument will not be used for a long time to prevent leakage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound	Volume too low; headphones connected; power issue.	Increase MASTER VOLUME. Disconnect headphones. Check power adapter/batteries.

Problem	Possible Cause	Solution
Keys not responding	Instrument not powered on; specific voice selected has no sound.	Ensure power is on. Try selecting a different voice.
Accompaniment not starting	STYLE not selected; START/STOP not pressed.	Select a STYLE and press START/STOP.
Distorted sound	Volume too high; faulty cable (if external speakers).	Lower MASTER VOLUME. Check/replace audio cables.
MIDI not working	Incorrect cable connection; MIDI settings incorrect.	Verify MIDI IN/OUT or USB MIDI connections. Check MIDI settings in the instrument's menu.

8. SPECIFICATIONS

Feature	Specification
Keyboard	61-Note, Full-Size, Velocity-Sensitive with Pitch Bend Wheel
Display	Multi-functional LCD
Polyphony	64 Voice
Preset Programs	160
User Memory	6 Registrations
Splits/Layers	10 Preset Dual Voice Options / 10 Preset Split Voice Options
Transpose	Yes (+/-12 Semitones)
Tune	Yes (+/-63-64 Cents)
General MIDI	Yes
Effects	Reverb (8 Types)
Auto Accompaniment Styles	130 (including 30 Eastern styles with 2 variations each)
Recorder/Sequencer	5 Tracks / 1 Song
Metronome	Yes
Multi-Pads	4
Sound System	5W x 2, 4 Speakers, Stereo
Headphone Output	(1) 1/4 inch Stereo Headphone Output
Pedal Ports	(1) Sustain
Audio I/O	1/4 inch Stereo Output, Auxiliary Input
MIDI I/O	MIDI In, MIDI Out, MIDI USB

Feature	Specification
Included Accessories	Sustain Pedal
Dimensions (H x W x D)	12 cm x 93.5 cm x 33 cm (4.7 in x 36.8 in x 13 in)
Weight	6 kg / 13.2 lbs (without batteries)
Power	12V DC External Power Supply or Battery Powered
Body Material	Plastic
Color	Black
UPC	883793813947

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official Kurzweil website. Keep your proof of purchase for any warranty claims.