

- Manuals.plus /
- > Gear4music /
 - > Gear4music DP-50 Digital Piano User Manual - 88 Graded Hammer Action Keys

Gear4music DP-50

Gear4music DP-50 Digital Piano User Manual

88 Graded Hammer Action Keys

- Overview Setup Operation Maintenance Troubleshooting Specifications Support

1. PRODUCT OVERVIEW

The Gear4music DP-50 is a versatile digital piano designed to provide an authentic playing experience with its 88 graded hammer action keys. This instrument offers a natural touch, mimicking the feel of an acoustic piano with heavier resistance in the lower register and lighter touch in the higher register.

It features 128 voices, including a multi-layered stereo grand piano sound, electric pianos, organs, strings, and various orchestral instruments. The DP-50 also includes a range of effects such as a two-band equalizer, 13 types of chorus, and 8 types and levels of reverb to enhance your sound.

For learning and composition, the DP-50 is equipped with a 16-track sequencer for recording and layering multiple tracks, and 55 built-in lessons structured into three stages. Its comprehensive connectivity options, including MIDI In/Out/Thru, USB MIDI, Aux In/Out, and headphone jacks, make it suitable for various performance and recording environments.



Figure 1.1: Front view of the Gear4music DP-50 Digital Piano.

2. SETUP INSTRUCTIONS

2.1 Unpacking and Assembly

Carefully remove all components from the packaging. It is recommended to have two people for assembly due to the weight and size of the instrument. Follow the assembly instructions provided in the separate assembly guide to construct the piano stand and attach the main unit.

2.2 Connecting the Pedals

Locate the pedal unit cable extending from the bottom of the piano main unit. Connect this cable securely to the corresponding port on the pedal board. Ensure the connection is firm to prevent accidental disconnection during use.



Figure 2.1: Close-up view of the three integrated pedals (Sustain, Sostenuto, Soft).

2.3 Power Connection

1. Ensure the piano's power switch is in the OFF position.
2. Connect the supplied AC power adapter to the DC IN jack on the rear of the piano.
3. Plug the other end of the power adapter into a standard electrical outlet.

2.4 Audio Connections

- **Headphones:** Connect standard 3.5mm stereo headphones to the HEADPHONES jack for private practice.
- **Line Out:** Use the LINE OUT (L/MONO, R) jacks to connect the piano to an external amplifier, mixer, or recording device.
- **Aux In:** Connect an external audio player (e.g., smartphone, MP3 player) to the AUX IN (L/MONO, R) jacks to play along with your favorite music. Adjust the input level using the INPUT LEVEL knob.



Figure 2.2: Detailed view of the connectivity panel, showing various input and output ports.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off

Press the POWER button located on the control panel to turn the piano ON. Press and hold the POWER button to turn the piano OFF.

3.2 Voice Selection

The DP-50 offers 128 different voices. Use the VOICE selection buttons or the numeric keypad on the control panel to browse and select desired instrument sounds. The display will show the currently selected voice number and name.

3.3 Using Effects (EQ, Chorus, Reverb)

The piano includes a two-band equalizer, 13 types of chorus, and 8 types of reverb. Access the effects menu via the control panel to adjust parameters such as effect type, depth, and level. Refer to the detailed function list in the full

manual for specific button combinations.

3.4 Sequencer Function

The 16-track sequencer allows you to record your performances. To record, select a track, press the RECORD button, and begin playing. To play back, select the track and press the PLAY button. Multiple tracks can be layered to create complex compositions. Recorded data can be stored on a USB flash drive via the front USB input.

3.5 Lesson Mode

Engage the lesson mode to access 55 built-in lessons. These lessons are divided into three stages, providing a structured learning experience for beginners. Follow the on-screen prompts and exercises to improve your playing skills.

3.6 MIDI and USB Connectivity

- **MIDI:** Use the MIDI IN, OUT, and THRU ports to connect the DP-50 to other MIDI-compatible devices, such as synthesizers or sound modules.
- **USB to Host:** Connect the piano to a computer using a USB cable for MIDI communication. This allows you to use the DP-50 with music software for recording, sequencing, or controlling virtual instruments. The USB connection is plug-and-play.



Figure 3.1: A user engaging with the DP-50 Digital Piano.

4. MAINTENANCE

4.1 Cleaning

To clean the piano, use a soft, dry cloth. For stubborn dirt, slightly dampen the cloth with water and a mild, non-abrasive cleaner, then wipe dry immediately. Avoid using harsh chemicals, solvents, or abrasive materials, as these can damage the finish.

4.2 Storage and Environment

Store the piano in a stable environment, away from direct sunlight, extreme temperatures, and high humidity. Avoid placing heavy objects on the piano. Ensure adequate ventilation around the instrument.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound	Volume too low; headphones connected; external amplifier off.	Increase master volume; disconnect headphones; ensure external amplifier is on and connected correctly.
Keys not responding	Piano not powered on; MIDI local control off.	Ensure piano is powered on; check MIDI settings for local control.
Pedals not working	Pedal unit cable disconnected.	Check and securely connect the pedal unit cable.
Power does not turn on	Power adapter not connected; power outlet faulty.	Ensure power adapter is securely connected to piano and outlet; try a different outlet.

6. SPECIFICATIONS

Feature	Detail
Brand	Gear4music
Model Name	DP-50
Model Number	179143
Instrument Type	Digital Piano
Number of Keys	88
Key Action	Graded Hammer Action, Weighted Touch
Voices	128
Special Features	Recording (16-track sequencer), Weighted Touch, 55 Lessons
Connectivity	MIDI USB, MIDI In/Out/Thru, Aux In, Line Out, 3.5mm Headphone Jack
Power Source	Electric
Product Dimensions (D x W x H)	150 x 68 x 44 cm (59.1 x 26.8 x 17.3 inches)
Item Weight	74.94 kg (165.2 lbs)
Skill Level	Beginner
Age Range	Adult

7. WARRANTY AND SUPPORT

7.1 Warranty Information

Warranty details for the Gear4music DP-50 Digital Piano are typically provided at the point of purchase or can be obtained directly from the retailer or manufacturer. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact Gear4music customer

support. Contact information can usually be found on the official Gear4music website or through your retailer.

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