

Dear users.

Thank you for considering and purchasing a Helen Digital Piano. Welcome to the Helen Piano family!

The digital piano you purchased is a professional instrument developed by a team of experienced Helen Piano R&D staff. Regardless of being a music enthusiast or a beginner, this product will be an ideal musical instrument. We are rededicated to providing high-quality products and services to our customers for the long term, and firmly believe that our products will bring you great enjoyment.

Hailun Piano Co., Ltd. is a high-tech enterprise implementing the National Torch Program, the vice chairman for China Musical Instrument Association, a demonstration base for National Cultural Industry, as well as a National Key Cultural Export Enterprise. Hailun Piano has been awarded the honor of “China Famous Brand Product”, and its trademark has been specially protected by law as a Chinese Famous Trademark”.

To enable you to enjoy the fun and functionality of this product, please read the instructions in this User Manual carefully.

Applicable Standards: GB8898-2011; GB17625.1-2012; GB/T13837-2012.

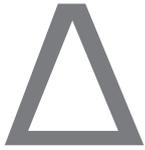
Introduction to Features

- 88-key standard step-weighted keyboard, restoring the real piano touch and improving the expressiveness of the performance.
- 348 high-quality built-in sound effects, including the authentic three-dimensional sampling of the nine-foot Helen Piano, with 10 layers of sound effect samples.
- A total of 100 beautiful auto-chord accompaniments have been carefully crafted, with functions such as reverb and chorus supported, thereby enhancing the layering of live performances and making the performance effects immersive.
- The multicolored guide light assistance system, which works with the corresponding app for practicing with scores, enables beginners to quickly get started and immediately enjoy the fun of playing the piano. Note: (This feature is not available for some product series, but all products can be connected for use with the app.)
- It features a TFT true color LCD screen and capacitive touch buttons for more intuitive display and easier operation.
- It supports Bluetooth MIDI and USB-MIDI connections, and can be used in conjunction with a tablet or music software such as a mobile app.
- It is equipped with a three-function pedal with linear sustain pedal, enabling the player to perform with rich and moving effects.
- It also features a high-end Spruce Resonance System and high-quality real stereo sampled sound sources, highly restoring the original sound of the piano and providing amazing performance effects.
- It supports two-way USB-audio connection, enabling direct recording from a computer or mobile phone, as well as playing audio files from a computer or mobile phone.
- It also supports remote upgrades to the latest system, enabling customers to enjoy the latest version of the software with just one click.

Table of Contents

I. Precautions	1
II. Product Interface	2
III. Panel Introduction	3
IV. Basic Parameters	4
V. Appendixes	6
VI. performance Preparation	11
VII. Performance Adjustment	12
VIII. Music Production Adjustment	16
IX. Other Adjustments.....	17
X. Troubleshooting	17

I. Precautions



Caution: To avoid the risk of electric shock, non-professionals are not permitted to open the back panel. Repair must be performed by a qualified professional



● **Warning**

- To prevent fire and electric shock, never place this product in a damp environment.
- Do not wrap the adapter during use to prevent poor heat dissipation, which may result in an accident.
- Do not open the top cover without authorization. Non-professionals are prohibited from repairing the product.
- For cleaning the body, first unplug the power supply and do not touch the power plug with wet hands.
- For any anomalies identified during use, immediately turn off the power, unplug the appliance and have it repaired by a qualified professional.
- This product is only intended for use at altitudes of up to 2,000 meters.
- This product is only intended for safe use in non-tropical climates.

● **Instructions for Use**

- Please use the adapter specified for this musical instrument. The use of an inappropriate adapter may result in damage to the instrument.
- To avoid damage to the power cord, never place it under heavy pressure, bend it excessively, or place it where people pass by. Do not wind the power cord around other objects.
- Disconnect the power supply if it is not used for a long period of time or during thunderstorms.
- If the digital piano is to be moved, disconnect the power plug and other connecting cables first.
- Never expose the digital piano to moisture or heat sources such as radiators for a long period of time, and avoid direct sunlight.
- Please place the digital piano on a flat surface.
- Please wipe the instrument with a soft, clean piece of cloth if it needs to be cleaned. Never clean with paint, thinner, solvents, alcohol or rags soaked in chemicals.
- Do not lean on the musical instrument with your body and avoid excessive force when operating buttons, switches or sockets.
- Please do not turn the digital piano volume up to the maximum for a long period of time, otherwise it will disturb others and affect your own hearing. Immediately consult a doctor if you notice a decline in your hearing.
- The AC transformer will get hot after prolonged use. This is normal, so don't worry.

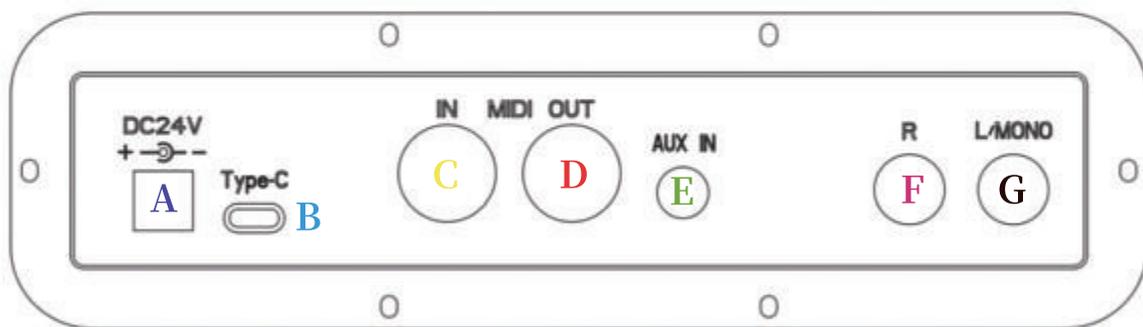
II.. Product Interface

A: Interface A is the power supply interface. Insert the original power adapter plug into this socket before using the product, so that the piano can be powered normally.

B: Interface B is a Type-C interface, which enables you to connect your phone for internal recording or information transmission, or to play audio.

C: MIDI input interface, which connects to a device to enable MIDI signals to be transmitted to the piano for playback.

D: MIDI output interface, which connects to a device to enable MIDI data from the piano to be transmitted to a piano to be transmitted to a computer, etc. for playback.



E: Audio input interface, which can input audio from electronic audio devices, including MP3, and enjoy music through the piano's high-quality speakers.

F: Dual-channel stereo output, R denotes the right channel, which can be connected to the right channel of a stereo speaker.

G: Dual-channel stereo output, for connecting to the left channel of an external stereo speaker, If your speaker is mono instead of stereo, connect it to this port.

Note: Non-stereo speakers must be connected to the L/MONO interface. If it is accidentally connected to the R interface, the sound may be lost or the device may be damaged.

IV. Basic Parameters

Product Series		H Series (Zhenyao)	H Series (Zhenyao)
Product Model		H503/503i	H505/505i
Keyboard	Number of Keys	88	88
	Type	VPAS-IV Three-Point Step-weighted Hammer Action Keyboard	VPAS-IV Three-Point Step-weighted Hammer Action Keyboard
	4-Level Velo Curve	Light, Standard, Heavy, Fixed	Light, Standard, Heavy, Fixed
Human-Machine Interface (HMI)	Language	Chinese/English	Chinese/English
	Display Screen	IPS Touchscreen	IPS Touchscreen
	Touch Type	Capacitive Touch	Capacitive Touch
	Material	ABS + Tempered Glass	ABS + Tempered Glass
	Force-Sensitive Ambient Lighting	----	RGB High-brightness LED Ambient Lighting
Tone	Sound Source Technology	Second-generation Aetherial Acoustic Engine Technology, Physical Modeling	Second-generation Aetherial Acoustic Engine Technology, Physical Modeling
	Maximum number of polyphonic tones	384 basic + 384 dynamic = 768 maximum voices	384 basic + 384 dynamic = 768 maximum voices
	Built-in Tones	348 (including 41 music tones with ethnic characteristics in China)	348 (including 41 music tones with ethnic characteristics in China)
Pedal with linear detection support		Linear sustain pedal, sostenuto pedal, soft sound pedal	Linear sustain pedal, sostenuto pedal, soft sound pedal
Accompaniment	Number of Accompaniments	100 pieces	100 pieces
	Types of Accompaniments	40 pieces with piano accompaniment, 60 pieces with normal accompaniment	40 pieces with piano accompaniment, 60 pieces with normal accompaniment
Demo Songs	Number of Demo Songs	30 pieces	30 pieces
Effects	Chorus	5 types	5 types
	Reverberation	5 types	5 types
	Dual Piano	Available	Available
	Dual Tone	Available	Available
	Dual Keyboard	Available	Available
	Bluetooth	Available	Available
	USB-AUDIO	Available	Available

Product Model		H503/503i	H505/505i
Functions	Metronome No.	1/4, 2/4, 3/4, 4/4	1/4, 2/4, 3/4, 4/4
		5/4, 6/4, 3/8, 6/8, 12/8	5/4, 6/4, 3/8, 6/8, 12/8
	Mixing Console	Available	Available
	Tempo Range	20-240	20-240
	Transposition	±12 semitones	±12 semitones
	Cents	±50	±50
Recording	Number of Tracks	1	1
	Data Capacity	1,000,000 notes	1,000,000 notes
Interfaces	MIDI	MIDI(IN/OUT)	MIDI(IN/OUT)
	USB	Charging, USB-MIDI	Charging, USB-MIDI
	Audio Input/Output	6.35mm standard stereo audio jack	6.35mm standard stereo audio jack
	Headphone Output	2*3.5mm standard stereo headphone jacks	2*3.5mm standard stereo headphone jacks
Bluetooth	Bluetooth Audio	Supported	Supported
	BLE-MIDI	Supported	Supported
System Upgrade	Autonomous remote upgrade to the latest system version	Supported	Supported
Speakers	Full-range speaker	4 (2×5-inch, 2×3-inch)	6 (2×5-inch, 4×3-inch)
	Tweeter Speaker	Available	Available
	Spruce Resonance System	Available	Available
Amplifier		200W (MAX)	200W (MAX)
Power Supply	Adapter Input	100-240V AC 50-60HZ	100-240V AC 50-60HZ
	Adapter	24V DC (MAX)	24V DC (MAX)
	Auto Power Off	Timed switch-off in 30/60/90/120 minutes	Timed switch-off in 30/60/90/120 minutes
Body	Box-type cabinet, Piano cover (sliding with soft-close), and music stand	Box-type cabinet, Piano cover (sliding with soft-close), and music stand	
Dimensions	Subject to actual measurements.	Subject to actual measurements.	

Note: This table is for reference only and is subject to changes without prior notice.

The Aetherial Acoustic Engine includes a set of high-quality concert grand piano tones. These samples were captured directly by professional acoustic experts in top-tier recording studios, without any post-processing, delivering the authentic sound of a concert grand piano directly to the player.

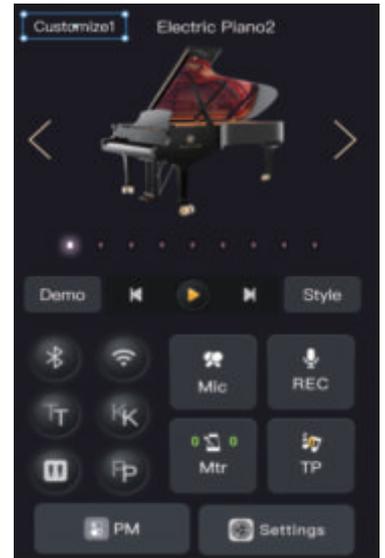
Tone Name	Tone Characteristics
001 Grand Piano	A tone that is clear, grand, elegant, yet resplendent. The sound is bright and harmonious, effortlessly delivering graceful, emotion-rich melodies, making it ideal for all types of performances. With exceptional piano tonal details and a rich, authentic sound, it transports the audience to a musical world brimming with emotion and vibrant colors.

Single Tone Selection:

When the piano is powered on, the default screen displays the main interface, and the default tone is the flagship "Grand Piano" tone. At this time, the top-left corner of the screen shows "Main Tone," but clicking on it will not open the tone selection interface.

If you need to select other tones, while in the Grand Piano tone interface, swipe left on the piano image to switch to the first tone in another group. Continuously swiping left allows you to cycle through eight different tones. When the main interface is not set to the "Grand Piano" tone, the "Main Tone" label in the top-left corner changes to "Customize1." Clicking on "Customize1" will take you to the tone selection interface.

On the tone selection interface, the left side of the screen is used to select the tone category, while the right side is used to choose the specific tone. For example, if you need the "Accordion" tone, start from the default startup interface and swipe right on the piano image to switch to the "Electric Piano 2" tone. Then, click on "Customize1" in the top-left corner to enter the tone selection interface. On the left side, select the tone category and find the "Organ" group. On the right side, locate the "Accordion" tone. Finally, click "Confirm" in the bottom-right corner to complete the tone selection. (Note: Be sure to click "Confirm"; otherwise, the tone will revert to the previous one when returning to the main interface.)



Dual Tone Selection: (Tone Overlay Function, i.e. Dual Tone)

On the piano's main interface, click the "TT" icon to illuminate it, activating the dual-tone function. The default dual-tone setting is "Piano + Ensemble Strings."

Dual Tone Selection: On the main interface, click "Settings" in the bottom-right corner to enter the parameter settings interface. Swipe right on the bottom toolbar to locate the first "Dual Tone" button. Click to enter, and you can then select the upper and lower layer tones to activate the tone layering function. This allows you to play two different tones simultaneously, significantly enhancing the expressiveness of your music. You can also experiment with various tone combinations to create your own unique sound.

Note: If the dual-tone function is not activated (the "TT" icon is not illuminated), selecting upper and lower layer tones will only produce the lower layer tone. Please ensure the dual-tone function is enabled before using this feature.

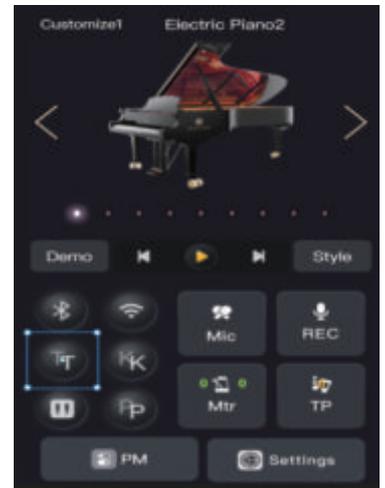
Dual Keyboard (Also known as Tone Split Function, i.e., Splitting the Keyboard into Left and Right Sections with Different Tones):

Activating Dual Keyboard:

On the main interface, click the "KK" icon to illuminate it, activating the dual keyboard function. The default tone split is "Piano + Bass," with the default split point set at key 40.

On the main interface, click "Settings" in the bottom-right corner to enter the parameter settings interface. Swipe right on the bottom toolbar to locate the "Dual Keyboard" function. Click to enter the dual keyboard tone selection interface. Use the touchscreen to select the left-hand and right-hand tones. You can also layer an additional tone on the right-hand side. Additionally, you can adjust the split point using the virtual slider above the touchscreen.

Note: If the dual keyboard function is not activated (the "KK" icon is not illuminated), selecting left-hand and right-hand tones will only produce the right-hand tone. Please ensure the dual keyboard function is enabled before using this feature.



Using Accompaniment:

This digital piano features an auto-accompaniment function. Using this function not only simplifies your performance but also greatly enriches the musical texture, offering exceptional playability.

Selecting Auto-Accompaniment: On the main interface, locate the "Accompaniment" label on the touchscreen and click to enter the auto-accompaniment selection interface. Click the play button to automatically play the selected accompaniment. At this point, when you play different chords on the keyboard from the leftmost key to the #F of the small octave, the piano will respond with corresponding chords.

To exit the auto-accompaniment function, click the back button, and the rhythm sound will stop.

Adjusting Auto-Accompaniment Tempo: Return to the main interface, open the metronome page, and locate "Tempo." Select and confirm to adjust the tempo within the range of 0 to 240.

Adjusting Auto-Accompaniment Volume: On the auto-accompaniment selection interface, there is a virtual volume slider at the top. Adjust the slider to change the volume of the auto-accompaniment.



Dual Piano Function:

The dual piano function is an essential teaching tool and one of the key advantages digital pianos have over acoustic pianos in educational settings. It allows the keyboard to be split into two identical octave sections, enabling two players to perform simultaneously.

On the main interface, locate the "PP" icon and click to activate the dual piano mode.



Using the Pedal:

Helen's Exclusive Cadence Cruise Rhythm Pedal: Guide your musical expression with the seamless control of the Cadence Cruise. This advanced pedal system offers precise control, delivering a dynamic and fluid playing experience. Enjoy smooth transitions and intuitive responsiveness, enabling you to effortlessly master every note and chord. Elevate your performance with the Cadence Cruise, reaching new heights in your musical artistry.

Three pedals are available: Soft Sound Pedal, Selective Sustain Pedal, and Sustain Pedal.

Soft Sound Pedal: During performance, pressing the Soft Sound Pedal will soften the sound. Meanwhile, the sound will be weakened. The effect changes continuously with the depth to which the pedal is pressed.(linear pedal).

Selective Sustain Pedal: When this pedal is pressed, the note being pressed will remain sounding, and the sustain will continue until the pedal is released, even if the key is released.

Sustain Pedal: During the performance, after pressing this pedal, the sound will linger even after the keys are released. With the piano tone selected, it is also possible to produce a resonance effect similar to that of using the Sustain Pedal on an acoustic grand piano. (Resonance of the damper). The effect changes continuously with the depth to which the pedal is pressed.



Playback of demonstration music:

The dual piano function is an essential teaching tool and one of the key advantages digital pianos have over acoustic pianos in educational settings. It allows the keyboard to be split into two identical octave sections, enabling two players to perform simultaneously.

On the main interface, locate the "PP" icon and click to activate the dual piano mode.

Use of Metronome:

The metronome is an essential teaching tool in music learning. To train your sense of rhythm, you can practice with the metronome at a steady tempo.

On the main interface, find the metronome function and click to enter. The metronome switch cursor will light up, and the piano's metronome will sound in 1/4 beats. You can select the beat type through the touchscreen and adjust the tempo using the virtual slider.

After setting the beat type and tempo, tap the virtual switch at the top to light up the cursor and start the metronome sound.

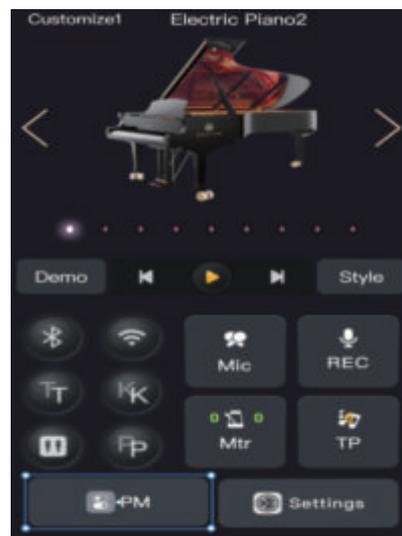
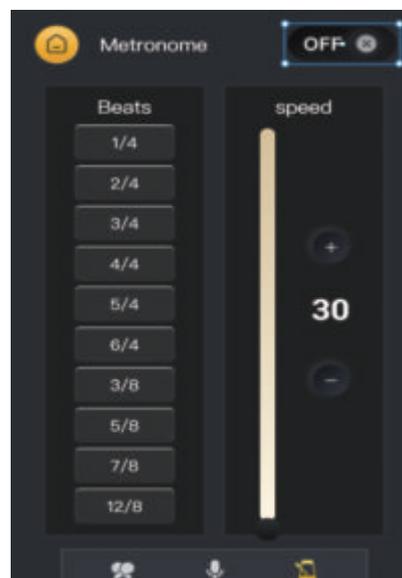
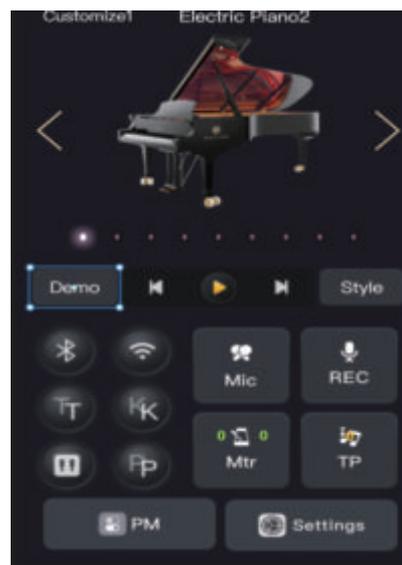
The piano's metronome supports a wide range of beat types, including: 1/4, 2/4, 3/4, 4/4, 5/4, 6/4, 3/8, 6/8, 9/8, and 12/8. The tempo can be adjusted between 0 and 240.

Adding effects to sound:

This digital piano features the vectorDSP algorithm, independently developed by Hailun. VectorDSP: Redefine the precision of your music with this top-tier digital signal processing algorithm. This cutting-edge technology achieves a perfect balance between power and finesse, delivering crystal-clear sound quality and nuanced playing dynamics. As VectorDSP unlocks the full potential of your performance, it intelligently utilizes idle DSP cycles to dynamically enhance polyphony, offering unparalleled tonal clarity and an immersive, lifelike experience. Elevate your performance with VectorDSP, transforming every note into an extraordinary experience.

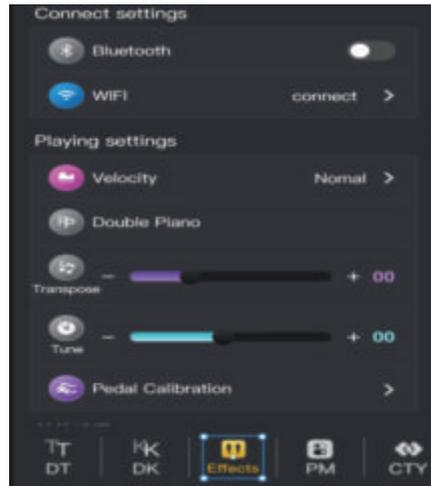
This piano features Hailun's independently developed Concert Physical Modeling technology, designed to replicate the resonance effects of an acoustic piano, delivering a richer and more authentic sound. Physical modeling is enabled by default.

On the main interface, click on "Physical Modeling" to enter the parameter adjustment menu. Here, you can customize the piano's tonal characteristics by adding various effects, such as string resonance and pedal resonance, to suit your preferences. Additionally, you can enable the automatic sustain function and adjust the sustain duration, allowing the piano to automatically add sustain effects to your performance without the need for a pedal. (After adjusting the physical modeling parameters, remember to activate the settings by toggling the cursor on the right side of the option.)



Effects:

On the main interface, click "Settings" and navigate to the "Effects" option in the toolbar. This section includes two sound effects: Reverb and Chorus. Activate the master switch cursor to enable reverb, chorus, or a blend of both effects. You can individually toggle each effect on or off using the small switches next to Reverb and Chorus.



Reverb:

The reverb function allows you to enjoy concert-hall-quality sound effects even in a small indoor space. This digital piano features five reverb modes: Room Reverb 1, Room Reverb 2, Hall Reverb, Plate Reverb, and Delay Reverb. The reverb depth can be adjusted within a range of 0 to 127.

To activate the reverb function: On the main interface, click "Settings," then locate and select the "Effects" option in the toolbar. Here, you can adjust reverb or chorus settings. Depending on your usage scenario, you can choose different reverb types and adjust the reverb intensity and depth.

After completing the adjustments, activate the reverb function switch and enable the master effects switch at the top. The reverb effect will then be applied to the piano's sound.

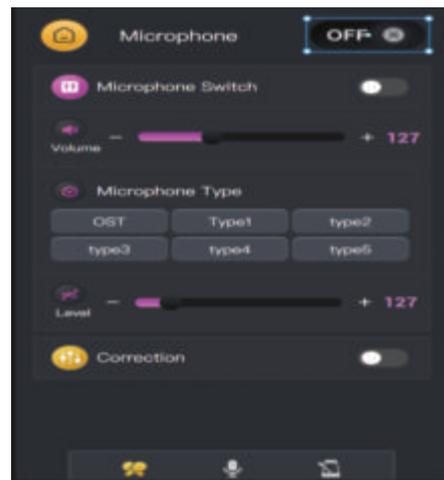
Chorus:

This piano features a chorus function, allowing you to enjoy richer sound effects and add depth to the tone, creating the sensation of multiple pianos playing simultaneously.

This digital piano offers five chorus modes: Chorus 1, Short Chorus, Slow Chorus, Flanger Chorus, and Chorus 2. The chorus depth can be adjusted within a range of 0 to 127.

To activate the chorus function: On the main interface, click "Settings," then locate and select the "Effects" option in the toolbar. Here, you can adjust the chorus settings. Depending on your usage scenario, you can choose different chorus types and adjust the chorus intensity and depth.

After completing the adjustments, activate the chorus function by turning on its switch. Then, enable the master effects switch at the top to apply the chorus effect to your piano's sound.



This piano supports microphone connectivity and features a built-in sound card. You can save your performances (both playing and singing) as audio files or directly connect to a smartphone for live streaming, making it perfect for aspiring live-streaming influencers.

Click "Microphone" on the main interface to enter the microphone settings and adjustment menu.

Microphone Volume:

After entering the microphone adjustment interface, locate the microphone volume setting. Adjust the volume using the virtual slider or the "+/-" buttons. The default microphone volume is set to 50.

Vocal Effects:

After connecting the microphone, locate the "Microphone" option on the main interface and click to access the microphone settings menu. Select your desired vocal effect and adjust the effect depth using the virtual slider or the "+/-" buttons.

Once you've selected the desired effect and adjusted the parameters, turn on the microphone switch (the cursor will light up) and enable the microphone effects switch (the cursor will light up). The microphone effects will then be applied.

Auto-Tune:

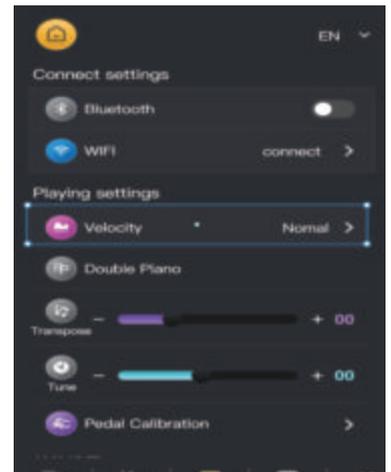
Auto-tune optimizes and adjusts the sound in recordings using audio processing technology to achieve the desired auditory effect. When the auto-tune function on this digital piano is enabled, it can refine your vocal pitch and tone, instantly transforming you into a singing and playing virtuoso, allowing you to shine on stage.

Velocity Curve: (Velocity Keyboard)

The Velocity Keyboard function allows the volume to change in response to the player's keystroke speed (velocity). This feature enables the piano to replicate the behavior of an acoustic piano, where both volume and tone quality vary with the player's keystroke speed (velocity). It enhances the expressiveness of

This digital piano features four different types of velocity curves (Light, Standard, Heavy, Fixed), meticulously refined and calibrated by renowned experts. You can choose the most comfortable and suitable velocity curve to achieve the optimal playing experience.

On the main interface, click "Settings" to enter the settings menu. Locate the "Velocity Curve" option, click to access it, and adjust the desired velocity curve according to your preference. Once selected, click "Confirm" to apply the settings.

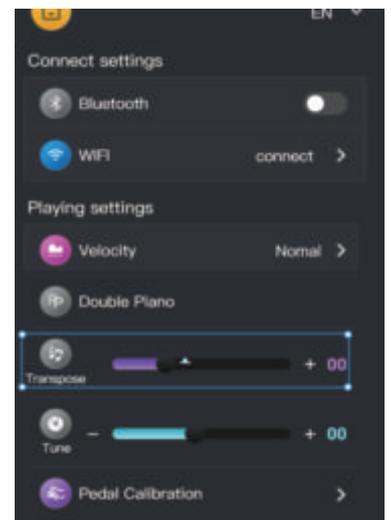


Transposition:

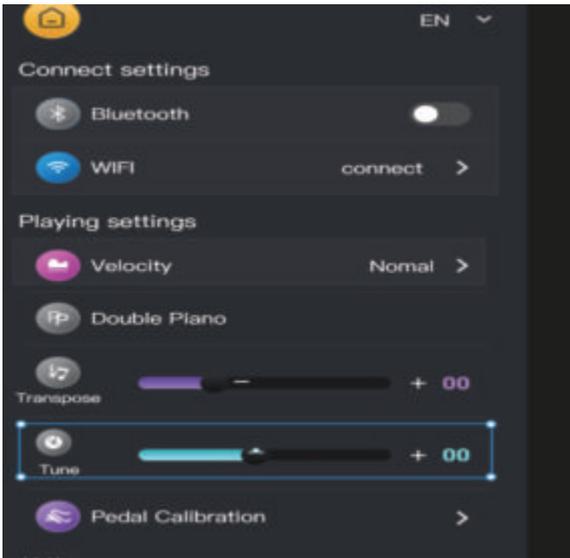
The transposition function allows you to play music in any key using the fingering for C major, making it easy for beginners to use the electric piano and collaborate with others in a band.

Activating the Transposition Function: On the main interface, enter the "Settings" menu and locate the "Transpose" option. You can adjust the transposition using the virtual slider or the "+/-" buttons.

When the value is set to 12, the pitch of the keys will rise by one octave. When the value is set to -12, the pitch of the keys will drop by one octave.



Cent:



The cent function allows for fine-tuning of the piano's sound, which is particularly useful in professional music production.

Activating the Cent Function: In the "Settings" menu, locate the "Tune" function. You can adjust the cent value using the virtual slider or the "+/-" buttons.

When the value is set to 50, the pitch of the keys will rise by a semitone. When the value is set to -50, the pitch of the keys will drop by a semitone.

Pedal Calibration:

Due to the linear pedal design of this piano, the pedal parameters may experience slight changes over time due to factors such as temperature and humidity. To ensure optimal performance quality, pedal calibration is required.

In the "Settings" menu, locate the "Pedal Calibration" function. Click to enter and follow the on-screen instructions to calibrate the pedal.

VIII. Music Production Adjustments

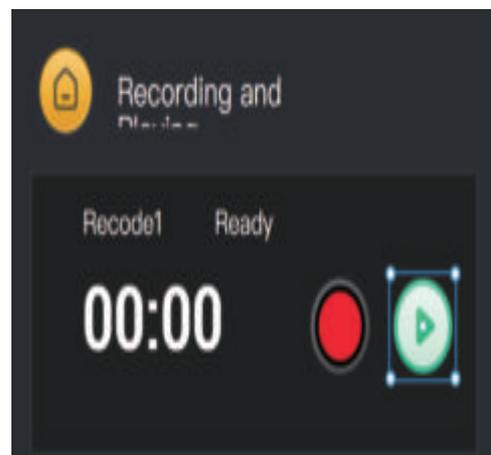
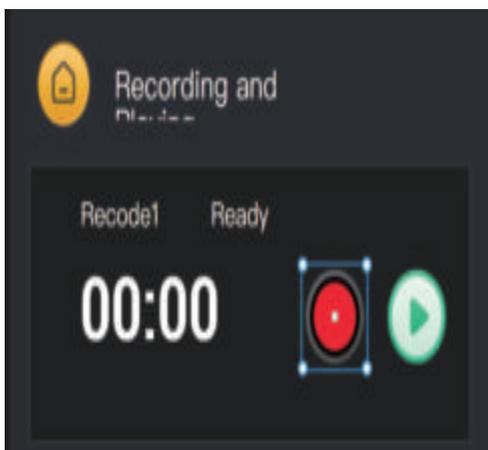
Recording and Playing:

This piano features two recording modes: Built-in MIDI recording and USB Audio recording.

Built-in MIDI Recording:

Method 1: After adjusting the desired performance parameters, simply tap the microphone icon on the left side of the piano panel to enter the recording selection interface. This piano supports up to three recordings. Select the desired recording slot and press the red button next to it. The metronome will sound, the timer will start counting, and the piano will enter recording mode. At this point, all sounds produced by the piano's speakers will be recorded in the recorder.

Once the recording is complete, tap the playback button next to it to play back the recorded performance.



This piano features built-in USB Audio recording. By connecting it to a mobile phone, tablet, or computer via a Type-C cable, you can start recording by enabling the recording function or video recording on your mobile device. (Mobile phone support is required.)

Note: The metronome will automatically activate during built-in MIDI recording, but the metronome sound will not be recorded.

This piano can only record sounds produced by the piano itself; external sounds cannot be captured.

This piano can record musical pieces containing up to 1,000,000 notes.

Bluetooth Function:

This piano features Bluetooth connectivity, supporting both Bluetooth MIDI and audio. With Bluetooth, you can easily and quickly connect your mobile device, allowing the piano's speakers to function as a powerful Bluetooth speaker by playing audio through your phone. Additionally, you can transmit MIDI via Bluetooth, simplifying music production.

Activate Bluetooth: In the main menu, locate the "Bluetooth" function, select and enter. Press the Confirm button to activate Bluetooth. The switch icon lights up. At this point, the Bluetooth of the piano can be searched for by the mobile phone.

Name of Bluetooth Audio: HaiLunPiano Audio-XXXX.

The piano will play a sound when the phone is connected to Bluetooth. Determine the volume of the piano according to the tone and adjust it to a suitable volume so as not to disturb others.

Name of Bluetooth MIDI: HaiLunPiano MIDI-XXXX.

Bluetooth MIDI function enables connection to smart devices for functions such as music arrangement or teaching.

Wifi & Interconnect:

This piano features Wi-Fi connectivity, enabling real-time transmission of performance data during play. Enter the "Settings" menu and locate the "Wireless Network" option. Click to enter, then manually enter the network name (SSID) and password. Click "Connect" to establish the network connection. At the bottom of the Settings menu, find the "Interconnect" option. Click to enter, and the piano will automatically search for compatible pianos available for connection.



网络名称:	Network Name:
请输入内容	Please enter the content
选取附近的WLAN	Select a nearby WLAN
网络密码:	Network Password:
请输入内容	Please enter the content
连接状态	Connection Status:
未连接	Not connected
返回	Back
断开	Disconnect
连接	Connect

Chorus:

This piano features a chorus function, which enables you to enjoy more sound effects and add depth to the tone. It feels as if multiple pianos are playing simultaneously.

This digital piano features five chorus functions: Chorus 1, Short Chorus, Slow Chorus, Flanger Chorus, Chorus 2. The chorus depth can be adjusted between 0 and 127.

Activate Chorus Function: Locate the “Chorus” function in the menu interface, press Confirm button to enter the Chorus Settings interface. Press the Confirm button again. The Chorus switch icon lights up, and the Chorus switch is activated.

Select Chorus type: Different chorus types can be used for different scenarios. Rotate the knob on the Chorus-Settings screen to select the “Chorus Type” and press the knob to confirm to set the chorus type.

Chorus parameter adjustment: Rotate the knob on the Chorus Settings screen to select “Chorus Depth” and press the Confirm button to enter the Chorus Depth adjustment screen. Rotate clockwise to increase the depth of the chorus. Counterclockwise to decrease it.

Velo Curve: (Velocity Keyboard)

The Velocity Keyboard function enables the change in volume to be synchronized with the speed (velocity) of the keys being pressed by the player. The Velocity Keyboard function enables the piano to change in volume and tone quality in the same way as an acoustic piano, with the speed (velocity) of the keys being pressed by the player. It enriches the expressiveness of the music and makes it full of emotion.

This digital piano features five different types of velocity curves that have been carefully polished and adjusted by renowned experts. You can choose the most comfortable and suitable velocity curve to optimize your hands-on experience.

In the menu interface, select the “Velo Curve” function, press the Confirm button, and enter the Velo Curve selection interface. You may rotate and press the knob to select the most comfortable velocity curve.

Transposition:

The transposition function enables you to play music in any key using the fingering in C, making it easy for beginners to use the electric piano and play in a band.

Activate the transposition function: In the menu screen, locate the “Transposition” function and click the Confirm button. The default transposition value for the piano is “00”, which means “no transposition”. Rotate the knob to adjust the transposition of the piano from -12 to 12. For each increase in value by 1, the pitch will rise by a half-tone. In contrast, for each decrease in value by 1, the pitch will lower by a half-tone.

When the value reaches 12, the key tone will rise by an octave. When the value reaches -12, the key tone will drop by one octave.

Cent:

The cent can be used to fine-tune the sound of the piano. This is particularly useful in our professional music production.

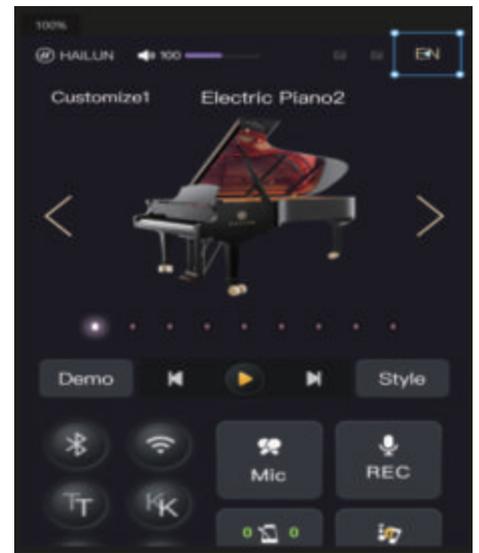
Activate the cent function: In the menu screen, locate the “Cent” function and click the Confirm button. The default transposition value for the piano is “00”, Rotate the knob to adjust the transposition of the piano from -50 to 50. The pitch rises with each increase in value by 1, however, it is difficult for the human ear to distinguish this and it requires a professional instrument to measure it. In contrast, for each decrease in value by 1, the pitch will drop.

When the value reaches 50, the key tone will rise by half an octave. When the value reaches -50, the key tone will drop by half an octave.

IX. Other Adjustments

Language:

This piano features two language modes: Chinese and English. In any interface, locate "Chinese" in the top right corner of the screen and

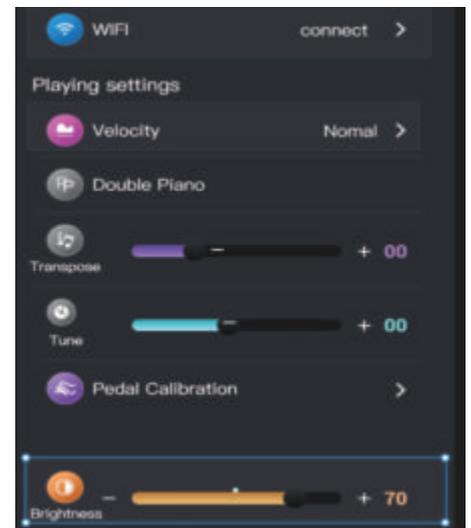


Screen Brightness:

The piano can manually adjust the brightness of the screen according to the light to get the most comfortable screen display.

You can find the "Other Settings" section in the "Settings" menu, where you'll find the brightness settings. Adjust the brightness using the virtual slider.

Tip: Do not set the brightness too high in dark environments, as it may cause eye dryness and reduced vision.

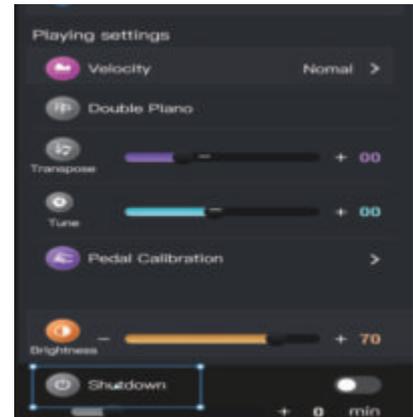


Auto Power-Off Timer:

The auto power-off function is disabled by default.

In the "Settings" menu, locate the "Other Settings" section, find the auto power-off option, and adjust the timer using the virtual slider. Click the switch icon next to it; when the icon lights up, the auto power-off function will be enabled.

click to select the desired language.



Lighting Settings:

This piano features a breathing light system. In the "Settings" menu, locate the "Lighting Settings" option and click to enter the lighting effects interface.

After selecting your desired lighting effect, click the lighting switch icon to activate it. When the icon lights up, the effect will be displayed.