

KURZWEIL®

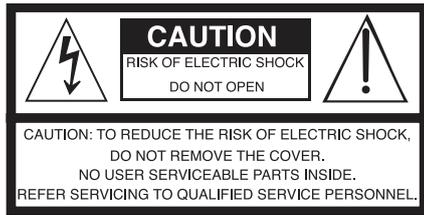
M250W

USER'S

GUIDE

English Manual

HDC YOUNG CHANG



The lightning flash with the arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

IMPORTANT SAFETY & INSTALLATION INSTRUCTIONS

INSTRUCTIONS PERTAINING TO THE RISK OF FIRE ELECTRIC SHOCK , OR INJURY TO PERSONS

WARNING: When using electric products, basic precautions should always be followed, including the following:

1. Read all the Safety and Installation Instructions and Explanation of Graphic Symbols before using the product.
2. This product must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a power supply cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet which is properly installed and grounded in accordance with all local codes and ordinances.
DANGER: Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Do not modify the plug provided with the product – if it will not fit the outlet, have a proper outlet installed by a qualified electrician. Do not use an adaptor which defeats the function of the equipment-grounding conductor. If you are in doubt as to whether the product is properly grounded, check with a qualified serviceman or electrician.
3. Do not use this product near water for example, near a bathtub, washbowl, kitchen sink, in a wet basement, or near a swimming pool, or the like.
4. This product should only be used with a stand or cart that is recommended by the manufacturer.
5. This product, either alone or in combination with an amplifier and speakers or headphones, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level or a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist.
6. This product should be located so that its location or position does not interfere with its proper ventilation.
7. The product should be located away from heat sources such as radiators, heat registers, or other products that produce heat.
8. The product should be connected to a power supply only of the type described in the operating instructions or as marked on the product.
9. This product may be equipped with a polarized line plug (one blade wider than the other). This is a safety feature. If you are unable to insert the plug into the outlet, contact an electrician to replace your obsolete outlet. Do not defeat the safety purpose of the plug.
10. The power supply cord of the product should be unplugged from the outlet when left unused for a long period of time. When unplugging the power supply cord, do not pull on the cord, but grasp it by the plug.
11. Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
12. The product should be serviced by qualified service personnel when:
 - A. The power supply cord or the plug has been damaged;
 - B. Objects have fallen, or liquid has been spilled into the product;
 - C. The product has been exposed to rain;
 - D. The product does not appear to be operating normally or exhibits a marked change in performance;
 - E. The product has been dropped, or the enclosure damaged.
13. Do not attempt to service the product beyond that described in the user maintenance instructions. All other servicing should be referred to qualified service personnel.
14. **WARNING:** Do not place objects on the product's power supply cord, or place the product in a position where anyone could trip over, walk on, or roll anything over cords of any type. Do not allow the product to rest on or be installed over cords of any type. Improper installations of this type create the possibility of a fire hazard and/or personal injury.

RADIO AND TELEVISION INTERFERENCE

WARNING: Changes or modifications to the instrument not expressly approved by Young Chang could void your authority to operate the instrument.

IMPORTANT: When connecting this product to accessories and/or other equipment use only high quality shielded cables.

NOTE: This instrument has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This instrument generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this instrument does cause harmful interference to radio or television reception, which can be determined by turning the instrument off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the instrument and the receiver.
- Connect the instrument into an outlet on a circuit other than the one to which the receiver is connected.
- If necessary consult your dealer or an experienced radio/television technician for additional suggestions.

The normal function of this product may be disturbed by strong electro magnetic interference. If so, simply reset the product to resume normal operation by following the instruction manual. In case the function could not resume, please use the product in another location.

NOTICE

This apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

AVIS

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la class B prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. When cleaning the top panel of the product, be sure to clean it with the power turned off as it may cause an error in operation.
8. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
9. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
10. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
11. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
12. Only use attachments/accessories specified by the manufacturer.
13. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
14. Unplug this apparatus during lightning storms or when unused for long periods of time.
15. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
16. Allow adequate ventilation for the power adapter. Do not hide it under a carpet or behind a curtain or place it in an enclosed space where heat buildup can occur.



WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

Do not expose this equipment to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on the equipment.

To completely disconnect this equipment from the AC Mains, disconnect the power supply cord plug from the AC receptacle.

Kurzweil International Contacts

Contact the appropriate Kurzweil office listed below to locate your local Kurzweil representative.

US Customers:

Artesia-Pro Inc.
P.O. Box 2908
La Mesa, CA 91943

Phone: 619/244-0006
Email: support@artesia-pro.com

www.artesia-pro.com

Customers Outside the US:

HDC Young Chang Co., LTD.

South Korea
Tel: +82 32 570 1000

www.hdc-youngchang.com



<https://kurzweil.com/>



www.facebook.com/kurzweilhome/



<https://www.instagram.com/kurzweilmusic/>



www.threads.net/kurzweilmusic



www.twitter.com/KurzweilMusic



www.youtube.com/user/KurzweilTutorials

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Thank you for purchasing the KURZWEIL M250W. We are certain you will enjoy many hours exploring its features and beautiful sounds. This manual explains how to use the M250W.

Key Features

- 88-note, fully weighted, 4-zone graded, hammer-action with natural wooden keys and adjustable touch sensitivity
- 2GB of instrument samples
- 256 note polyphony
- 24 preset voices
- Intuitive control panel consisting of buttons and a control wheel
- USB MIDI & Audio
- Bluetooth 5.2
- Half-damper pedal support



Setting Up the M250W

Box Contents

The components provided when purchasing M250W are as follows.

- M250W keyboard + stand with 3 pedals
- DC power adapter
- Headphone hanger
- Bench
- Warranty card

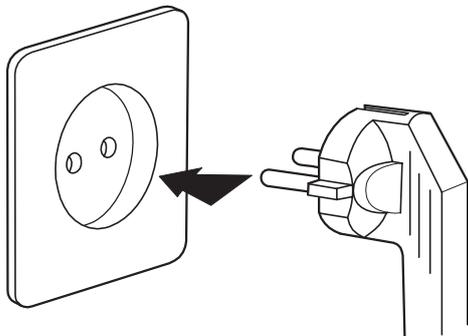
If you are missing any of the above, please contact your KURZWEIL dealer.

Plugging in the Power

The M250W's power is supplied by a DC power adapter.

Connect the power adapter to the DC jack on the rear panel of the M250W.

Then connect the power cord to an AC outlet.



※ The shape of this plug differs depending on locality.

Press the power button on the front panel to turn the power on.

When powered on, the front panel lights up.



CAUTION : Please use the supplied DC power adapter. (12V, 2A center-tip positive)
Using the wrong DC Power adapter may cause damage to the product.
If the adapter is damaged or lost, please contact your KURZWEIL dealer.

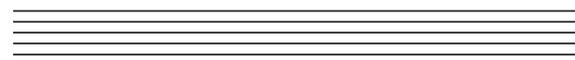


Volume Adjustment

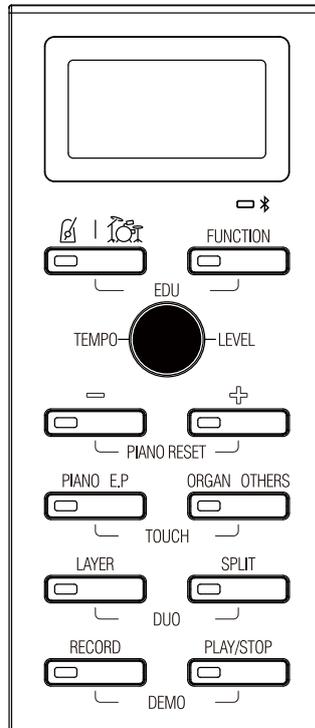


Before turning on the M250W, please set the volume to its minimum value (all the way to the left). The master volume knob is located on the left side of the In/Out panel. Turn it clockwise to increase the volume. Turn it counterclockwise to decrease the volume.

For a generally comfortable playing level, set the knob to its middle position.



Control Panel



METRONOME / RHYTHM

Used to set the metronome / RHYTHM pattern and tempo.

FUNCTION

Used to select various performance functions and global settings.

EDU

Enter EDU mode for practice.

Control Wheel

Used to adjust various on-screen values.

[-], [+]

Used to select sound presets and alter the values of menu parameters.



[PIANO EP] / [ORGAN OTHERS]

Used to select sounds.

LAYER

Combines two different voices across the keyboard, allowing you to play both voices as one.

SPLIT

Splits the keyboard into two regions, allowing you to play a different voice in each hand.

DUO

Divides the keyboard into two identical sections to support two different players, performing in tandem.

RECORD

Controls the recording of user songs.

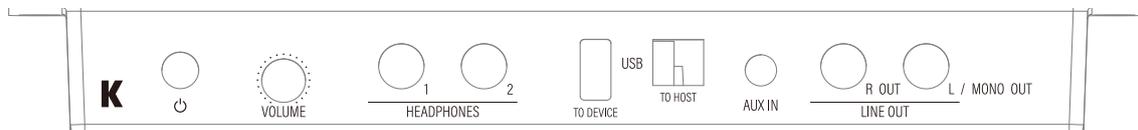
PLAY / STOP

Controls the playback of EDU and user-recorded songs.

DEMO

Play demo songs.

I/O Panel



POWER Button

Turns the M250W on and off.

VOLUME

Control the overall volume.

HEADPHONES

There are two 1/4" headphone jacks on the left side of M250W. Plugging in headphones provides privacy during practice. When you plug headphones into either of the headphone jacks, the M250W's internal speakers will be muted (default behavior; adjustable using the Speaker Setting in Setting mode, see pg 18 for details).

TO DEVICE

Connect a USB thumb drive to update the firmware.

TO HOST

Connects to a PC, tablet or other USB equipped device to send/receive USB MIDI / AUDIO, The M250W can serve as a USB AUDIO card, MIDI controller or MIDI sound module.

AUX IN

Connect an external audio device to the 1/8" input to listen to it through the M250W's speakers or headphone jacks.

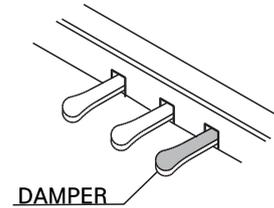
LINE OUT [R], [L/MONO]

Connect the M250W to an external sound system, recorder, amplifier, etc..

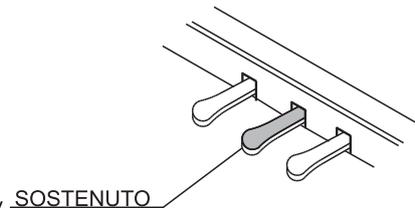
PEDALS – Damper / Sostenuto / Soft

Damper (Right)

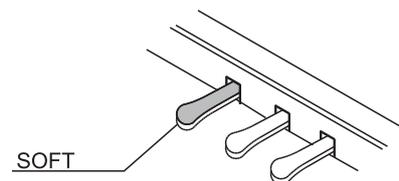
The damper pedal performs the same function as the damper pedal on an actual acoustic piano, letting you sustain the sound of the notes being played after releasing your fingers from the keys. The M250W offers half-damper pedal functionality. This allows you to control the duration of the sustain based on how long you depress the sustain pedal.

**Sostenuto (Center)**

The sostenuto pedal also allows you to sustain notes but it works a little differently compared to the damper pedal. If you play a note or chord on the keyboard and press the sostenuto pedal while the notes are held, those notes will be sustained as long as the pedal is held. All subsequently played notes will not be sustained.

**Soft (Left)**

The soft pedal on an acoustic piano changes the character of the sound, making it softer and quieter. The soft pedal on your piano does exactly the same. Press the soft pedal when you need to play passages that require extreme pianissimo.



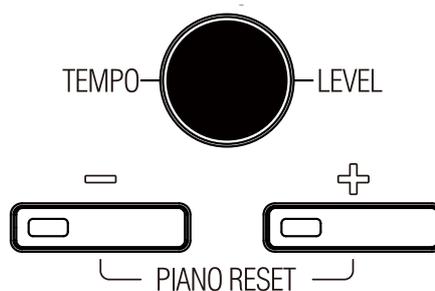
Chapter 4 M250W Details

Power

Press the power button to turn on the M250W. To conserve energy, the M250W will, by default, automatically shut off after 15 minutes of inactivity. You can adjust the auto-power off feature in Setting Mode (see pg 25).

Control Wheel, [-]/[+]

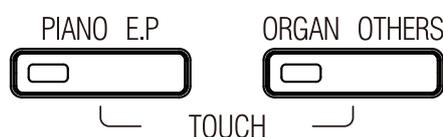
Navigating the M250W is made easy via the control panel's 10 buttons and 1 control wheel. Operations are centered around the control wheel and the [-] [+] buttons which are used to select and adjust various settings.



- Main sound selection / LAYER / SPLIT mode
Control wheel: Acts as the volume control for the Main, Layer or Split sound.
[-] / [+] : Used to select the Main, Layer or Split preset.
- Metronome / Rhythm mode
Control wheel: Used to set the tempo of the metronome / rhythm.
[-] / [+] : Used to select the time signature / rhythm type.

Sound Selection

There are 2 sound category buttons : [PIANO E.P] / [ORGAN OTHERS] and a total of 24 preset sounds.



[PIANO E.P] (PIANO 4 presets / E.P 4 presets)

[PIANO E.P] contains Piano and Electric Piano (E.P.) sounds. The default is Piano 1.

To change the Piano/EP sound preset:

- Press the [PIANO E.P] button. Then, using the [-] / [+] buttons, you can navigate through the selections within the category (Piano 1 → Piano 2, etc.).
- At any time, you can return to Piano 1 by pressing and holding the [PIANO E.P] button for 2 seconds.

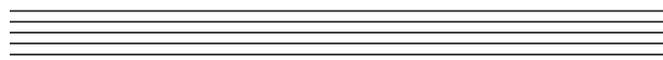
[ORGAN OTHERS] (ORGAN 4 presets, OTHERS 12 presets)

[ORGAN OTHERS] contains Organ and various other sound presets. The default is ORGAN 1.

To change the Organ/Other sound preset.

- Press the [ORGAN OTHERS] button. Then, using the [-] / [+] buttons, you can navigate through the selections within the category (Organ 1 → Organ 2, etc.).
- At any time, you can return to Organ 1 by pressing and holding the [ORGAN OTHERS] button for 2 seconds.

PIANO/E.P		ORGAN/OTHERS	
Number	LCD Info	Number	LCD Info
1	PIANO 1	9	ORGAN 1
2	PIANO 2	10	ORGAN 2
3	PIANO 3	11	ORGAN 3
4	PIANO 4	12	ORGAN 4
5	EP 1	13	HARPSI 1
6	EP 2	14	HARPSI 2
7	EP 3	15	CLAV 1
8	EP 4	16	CLAV 2
		17	STRING 1
		18	STRING 2
		19	PAD 1
		20	PAD 2
		21	BASS 1
		22	BASS 2
		23	DRUM 1
		24	DRUM 2



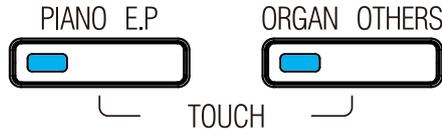
Main Sound Volume Control

You can control the overall volume of the M250W by way of the master volume knob on the IO box. Additionally, you can also control main sound's volume using the control knob on the control panel. This is useful when using the Layer or Split functions, allowing you to balance the volume of the main sound independently from the layer/split combination.

TOUCH

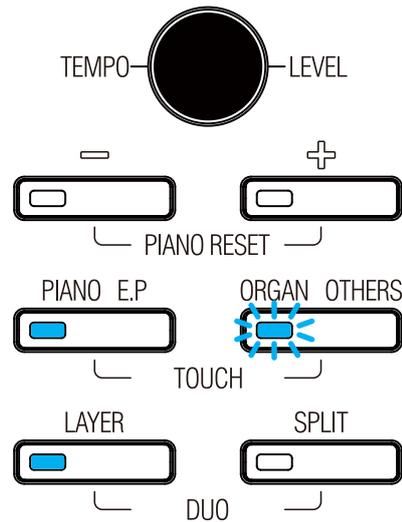
To change the touch sensitivity, press the [PIANO E.P] and [ORGAN OTHERS] buttons simultaneously. The two buttons will flash. Use the [-] , [+] buttons to make a selection. There are 4 different settings (FIXED, SOFT, NORMAL, HARD). The default setting is NORMAL.

To return to sound selection mode, once again press the [PIANO E.P] and [ORGAN OTHERS] buttons simultaneously.



LAYER

Layer mode allows you to play two different sounds in combination across the entire keyboard. Press the [LAYER] button to enable Layer mode. When in Layer mode, the [ORGAN OTHERS] button will be lit. The default layered sound is Strings.



To change the Layered sound:

- Press the [ORGAN OTHERS] button. Each press will advance your selection, to STRING 2, etc..
- Use the [-] , [+] buttons to navigate the press list.
- You can also use PIANO or E.P sounds as the layered sound. To do so, press the [PIANO E.P] button and use the [-] , [+] buttons to make a selection.
- Note: when Layer selection is active, a small, flashing “R12” will appear in the display.

LAYER Volume Control

To adjust the Layer volume, Layer mode should be activated.

Use the control wheel to adjust the Layer sound’s volume to taste (0~127).

To revert to the default layer volume setting, press the [-] / [+] buttons simultaneously.

LAYER Octave Control

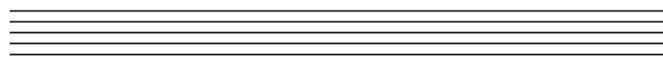
[LAYER] To adjust the Layer octave, press the [LAYER] button for 2 seconds. The [LAYER] button will flash.

Use the [-] / [+] buttons to adjust the Layer octave (-2 ~ +2).

To revert the layer octave to the default setting (no transposition), press the [-] / [+] buttons simultaneously.

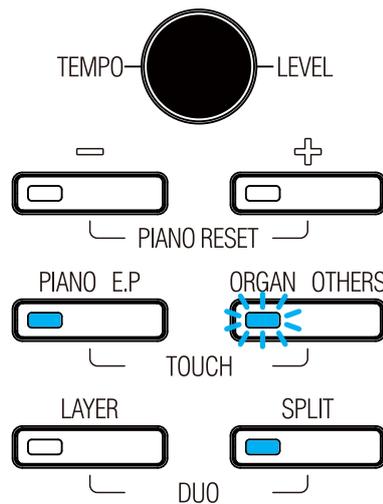
To go back to the Layer sound selection display, press the [LAYER] button again.

To exit Layer mode, press the [LAYER] button once more.



SPLIT

Split mode allows you to play two different sounds on the keyboard, one in the left hand and one in the right. Press the [SPLIT] button to enable Split mode. When in Split mode, the [ORGAN OTHERS] button will be lit. The default split sound is Bass.



To change the split sound:

- Press the [ORGAN OTHERS] button. Each press advances the selection, to BASS 2, etc
- Use the the [-] , [+] buttons to navigate the press list.
- You can also use PIANO or E.P sounds as the split sound. To do so, press the [PIANO E.P] button and use the [-] , [+] buttons to make a selection.
- Note: when Split selection is active, a small, flashing “L” will appear in the display.

SPLIT Volume control

To adjust the Split volume, Split mode should be activated.

Use the control wheel to adjust the Split volume (0~127).

To go back to the default Split volume setting, press the [-] / [+] buttons simultaneously.

Split Octave Control

To adjust the Split octave, press and hold the [SPLIT] button for 2 seconds. The [SPLIT] button will flash.

Use the [-] / [+] buttons to adjust the Split octave (-2 ~ +2).

To go back to the default Split octave setting, press the [-] / [+] buttons simultaneously.

To go back to the Split sound selection display, press the [SPLIT] button once more.



SPLIT point setting

To change the Split point, Split mode should be activated.

To set the Split point, press and hold the [SPLIT] button for 2 seconds. The [SPLIT] button will flash. Next, press any piano key to set that key as the split point. Once set, you will return to the Split sound select display.

To exit Split mode, press the [SPLIT] button again.

- Note: Layer and Split functionality can be combined for a total of 3 different sounds played across the keyboard (Main, Layer, Split).

DUO

Press the [LAYER] and [SPLIT] buttons simultaneously to enable Duo mode.

Duo mode facilitates two-player, side-by-side, performance and divides the keyboard as follows:

Left Side: A0~ C4 / Right Side: C#4 ~ C8

To exit DUO mode, press the [LAYER] and [SPLIT] buttons simultaneously.

- In DUO mode, the left pedal functions as the sustain pedal for left side player and the right pedal functions as the sustain pedal for right side player.
- You can use any sound preset with DUO mode.

RECORD

Press the [RECORD] button and start playing. The [RECORD] button light will blink and recording will begin when you touch the piano keys.



To stop recording, press the [RECORD] button again. Alternatively, press the [PLAY] button and recording will stop and your recorded song will begin playback automatically.

- Note: You can record a Rhythm track along with your piano performance (the metronome sound is not recorded).

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PLAY

To listen to the recorded song, press the [PLAY] button. The button LED will blink and the song will play back.



DEMO

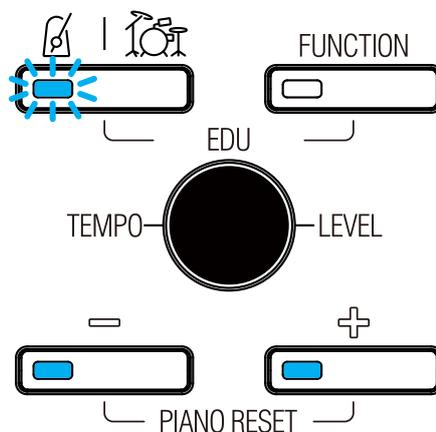
The M250W contains 7 demo songs. To listen to a demo, press the [RECORD] and [PLAY/STOP] buttons simultaneously. The [-] / [+] buttons will both light white and the first demo will begin to play.



Use the [-] / [+] buttons to select different demos. To end demo song playback, press the [RECORD] and [PLAY/STOP] buttons again.

METRONOME

Press the [METRONOME/RHYTHM] button to activate. The metronome will start, the button will flash blue and the [-] / [+] buttons will light solid blue. The speed at which the [METRONOME] button flashes corresponds to the current tempo.



METRONOME Tempo

You can adjust the [METRONOME] speed using the control wheel. The tempo range is from 20 to 280 (BPM).

METRONOME Time Signature

To change the Time Signature, use the [-] / [+] buttons to make a new selection.

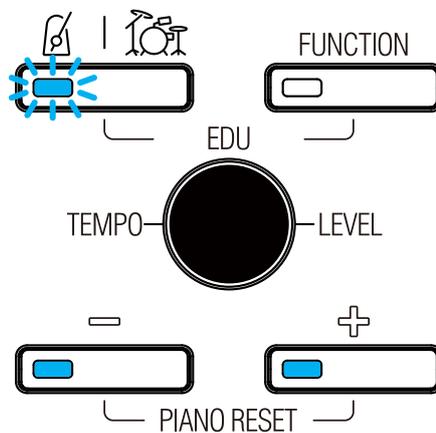
(1/4, 2/2, 2/4, 3/4, 3/8, 4/4, 5/4, 6/4, 6/8, 7/8, 9/8, 12/8)

METRONOME Volume Control

To change the METRONOME Volume, METRONOME mode should be activated. Hold the 'METRONOME' button and adjust the control wheel for volume control. To go back to the default tempo display, just release the 'METRONOME' button.

RHYTHM

Within Metronome mode, press the [METRONOME/RHYTHM] button again and the default rhythm will start, the button will flash blue and the [-] / [+] buttons will light solid blue. The speed at which the [METRONOME/RHYTHM] button flashes corresponds to the current tempo.

**RHYTHM Tempo**

You can adjust the Rhythm speed using the control wheel. The tempo range is from 20 to 280 (BPM).

Rhythm Type

To select a different rhythm, use the [-] / [+] buttons. There are 10 different rhythm variations to choose from.

RHYTHM Volume Control

To adjust the RHYTHM Volume, RHYTHM mode should be activated. Hold the 'METRONOME/RHYTHM' button and use the control wheel to adjust the volume. To go back to default tempo display, just release the 'METRONOME/RHYTHM' button.

EDU

Press the [METRONOME/RHYTHM] and [FUNCTION] buttons simultaneously to access the built-in practice songs. When entering EDU mode, the [METRONOME/RHYTHM] and [FUNCTION] buttons flash at the same time. The speed at which the buttons flash corresponds to the current Tempo. To play a practice song, press the [PLAY] button.

EDU Song Tempo Control

While a practice song is playing, you can adjust the tempo using the control wheel. The tempo range is from 20 to 280 (BPM).

EDU Song Select

To select different practice songs, use the [-] / [+] buttons to make a new selection.

EDU Song Practice

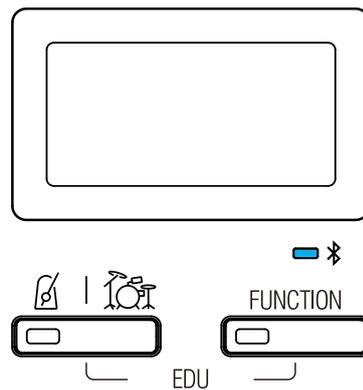
EDU mode allows you to practice the left and right hands separately.

- When the [METRONOME/RHYTHM] button is pressed, the button turns off and the left hand becomes muted. At this time, only the right-hand performance is played.
- When the [FUNCTION] button is pressed, the button turns off and the right hand becomes muted. Only the left-hand performance is played.

Press the [METRONOME/RHYTHM] and [FUNCTION] buttons simultaneously to exit EDU mode altogether.

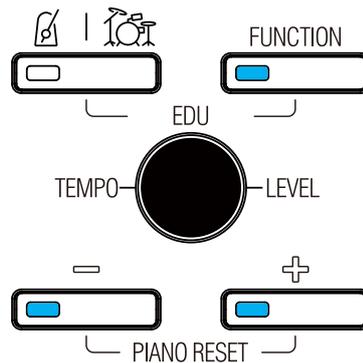
BLUETOOTH

Bluetooth is enabled by default. The icon will automatically light when pairing with a nearby smart device is completed.



FUNCTION

The Function menu contains four adjustable sound parameters: Transpose, Chorus, Reverb and EQ settings. Press the [FUNCTION] button to access the menu. Repeated presses of the [FUNCTION] button will cycle you through the list of parameters. Use the control wheel or [-] / [+] buttons to adjust the selected parameter.



TRANSCOPE → CHORUS → REVERB → EQ → FUNCTION OFF

TRANSCOPE

Press the [FUNCTION] button to select Transpose. The LCD screen will display Transpose. Use the control wheel or [-] / [+] buttons to change the Transpose value (- 12 ~ + 12). Press the [-] and [+] buttons simultaneously to restore the default value (default 00).

CHORUS

Press the [FUNCTION] button to select Chorus. The LCD screen will display Chorus. Use the control wheel or [-] / [+] buttons to change the Chorus amount (0 ~ 127). Press the [-] and [+] buttons simultaneously to restore the default amount. (default 00)

- To change the CHORUS effect type, go to SETTING mode.

REVERB

Press the [FUNCTION] button to select Reverb. The LCD screen will display Reverb. Use the control wheel or [-] / [+] buttons to change the Reverb amount (0 ~ 127). Press the [-] and [+] buttons simultaneously to restore the default amount.

- To change the REVERB effect type, go to SETTING mode.

EQ settings

Press the [FUNCTION] button to select EQ. The LCD screen will display EQ. The default is Bass EQ. Use the control wheel to change the EQ setting (0 ~ 127). Press the [-] and [+] buttons simultaneously to restore the default amount.

- To move to the Bass or Treble setting, press [-] or [+] button.

FUNCTION Memory

Function menu settings will be retained even with the power off.

PIANO RESET

To restore all Function settings to their factory defaults, first exit all feature modes (Function, Layer, Split, Metronome, Demo, Edu) then press the [-] / [+] buttons together simultaneously (PIANO RESET).

SETTING

Setting mode provides access to various system parameters. To enter Setting mode, hold the [FUNCTION] button for two seconds. The [FUNCTION] button will flash.

Setting Selection and Adjustment

- 1) Select the various setting pages using the [-] / [+] buttons.
- 2) Use the control wheel to adjust the value of the selected setting.
- 3) Restore the default value by pressing the [-] / [+] buttons together.

Chorus type

Change the chorus effect type.

01	02	03
Chorus 1	Chorus 2	Off

Reverb type

Change the reverb effect type.

01	02	03	04	05	06
Hall 1	Hall 2	Room 1	Room 2	Room 3	Off

Tune

To fine-tune the M250W, use the control wheel to adjust the pitch (± 100 cents). To reset the factory tuning (0 cents), press the [-] and [+] buttons together, simultaneously.

LOCAL On/Off

When working with an external sequencer/DAW, it is important to disable the keyboard's 'local control' to avoid doubled notes.

- 1) On : Local allows the M250W to trigger itself normally. Local is On by default.
- 2) Off : The M250W no longer triggers itself directly and only transmits/receives via USB MIDI.

MIDI Channel

Select MIDI Channel 00~15 except 09 (Default : 00)

Speaker Setting

- 1) Default: There are two different headphone outputs. When connecting to either headphone jack, the speakers will mute automatically.
- 2) Headphone mute: The headphone jacks will be muted and sound will only come from the speakers.
- 3) Speakers Mute: The speakers will be muted and sound will only be heard via the headphone connections.
- 4) Both: Regardless of headphone usage, sound will be heard from both the speakers and headphones.

Auto Power

With Auto Power enabled, the M250W will shut down automatically. Select an interval of 15, 30 or 60 minutes. The default is 15 minutes. Auto Power off can also be disabled (Off).

Off / 15 minutes / 30 minutes / 60 minutes

Aux Bluetooth Volume

Bluetooth aux-in volume control (range: 0–127).

Bluetooth

Activation of Bluetooth mode On/Off (Default: On).

Reset

Invoking this parameter resets the M250W back to its factory default settings.

To exit Setting mode, press the [FUNCTION] button again.

Appendix (MIDI Implementation Chart)

Functions		Transmitted	Recognized	Remark
Basic Channels	Default	1-16	1-16	*Up to 3 channels simultaneously
	Changed	1-16	1-16	
Mode	Deraura	Mode 3	Mode 3	
	Messages	Yes	No	
	Altered	*****	No	
Note Number	True voice	0-127 *****	0-127	
Velocity Notes	Note ON	Yes	Yes	
	Note OFF	Yes	Yes	
After Touch	Key's	No	No	
	Channels	No	No	
Pitch Bend		No	No	
Control Change		0-127	0.1,5,6,7,10,11,4 32,64,65,66,67,4 80,81,91,93,100,8 101,121	
Program Change	True #	0-127 *****	0-15	16
System Exclusive		Yes*	Yes*	*The controller will recognize and respond to GM Device inquiries. Master Tune supported. Master Volume supported.
System Common	Song Position Pointe	No	No	
	Song Select	No	No	
	Tune Request	No	No	
System RealTime	Clock	No	No	
	Commands	No	No	
Aux Messages	All Sound Off*	Yes	Yes	*The controller will responds to GM, but not piano voices,
	Reset All Controllers	Yes	Yes	
	Local ON/OFF*	Yes	Yes	
	ALL Notes OFF	Yes	Yes	
	Active Sensing	No	Yes	
	System Reset	No	Yes	
Notes				

Specifications

Keyboard	88-note, fully weighted, 4-zone graded, hammer-action with natural wooden keys and adjustable touch sensitivity (W1 Ivory GT)
Polyphony	256
Sound	24
Performance Control	Layer, Split, Duo
Record	1 Track, 1 Song
Transpose	± 12 ST
Tune	+/- 100oct
Metronome	Start, Stop, Time Signature, Tempo, Volume
Rhythm	Start, Stop, Rhythm Type, Tempo, Volume
Effect	Reverb, Chorus, EQ (Bass, Treble)
Demo	7 Songs
USB	USB MIDI (16 channels) / Audio
Bluetooth	BT 5.2 MIDI & Audio
Display	LCD
Line In/Out	1/8" Aux In (Stereo) x 1, 1/4" Unbalanced x 2
Headphone Out	1/4" Stereo out x 2
Pedal	3 pedals (soft, sostenuto, sustain with half damper)
Amp	30W (15W x2)
Speakers	2 Speakers, Stereo Sound System
Accessories	DC Power Adapter, Bench, Headphone hanger, Warranty Card, QR manual
Size	H820mm * W1390mm * D417mm
Weight	42.6kg
Power	DC Power adapter : 12V 2.5A

KURZWEIL



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