

Aklot

USER MANUAL

Electronic Drum Set

B-CORE541 Eli



Unleash Your Rhythm with Precision and Power

Scan the QR code to watch the assembly video.



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Warranty

Any questions about the use of the product, you can contact our brand after-sales staff. We will solve your problem until it is resolved.

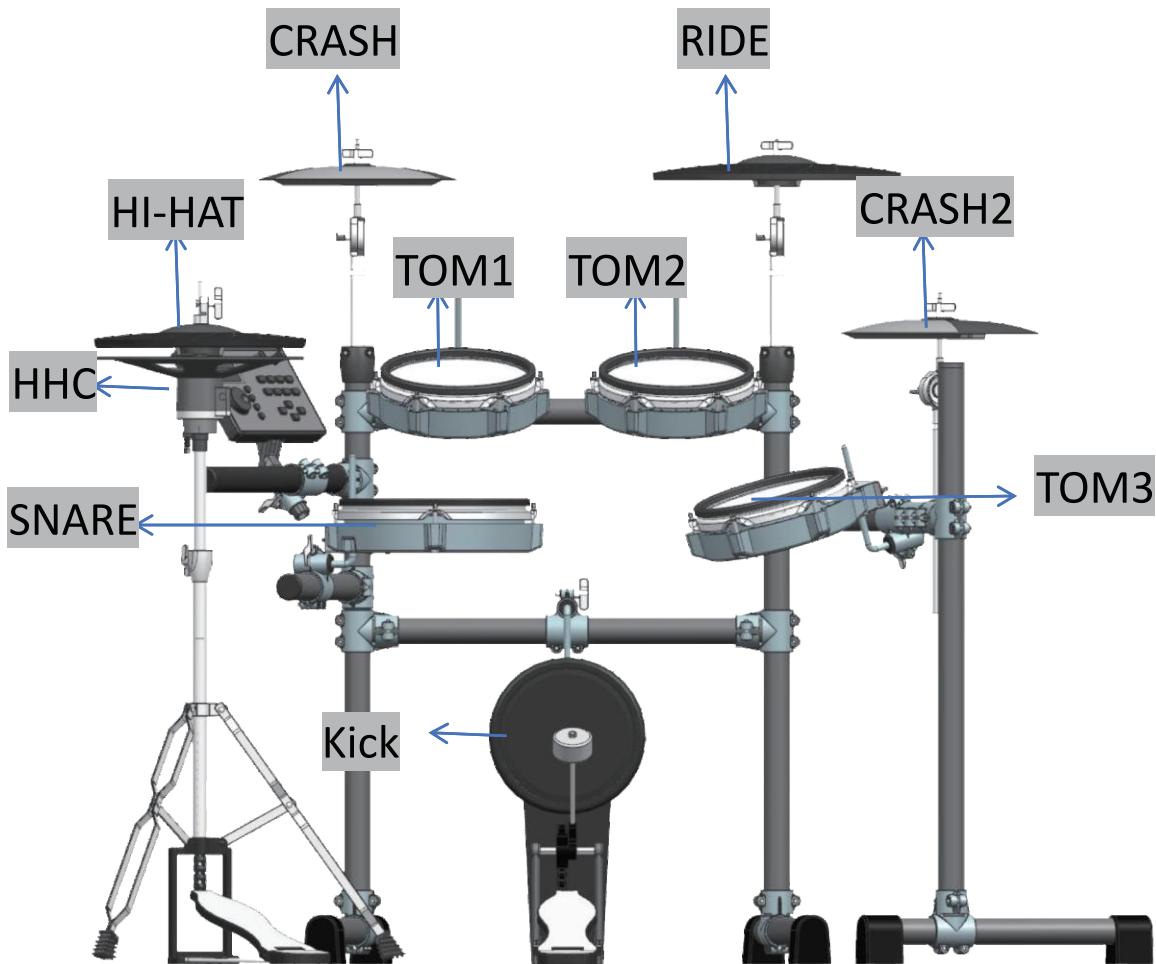
- ◆ 1-Year Warranty
- ◆ 24/7 Online Support

For guidance on product use and warranty extension, please contact our brand after-sales staff via email:【cs@aklot.com】

If any questions related to orders, please contact the seller through the shopping platform.



INSTALLATION GUIDE



CAUTION

- Choose a flat, hard surface on which to assemble your electronic drum kit.
- Take care to avoid mixing up parts or assembling them in the wrong direction. In addition, the assembly steps should be completed one at a time in the order described.
- The assistance of at least one other person will be required when assembling the electronic drum kit.
- Once a piece has been assembled, be sure to tighten the corresponding key bolts.
- To disassemble your electronic drum kit, carry out the assembly sequence in reverse.
- If you need to move this device, please disconnect the power cord as well as all cables connected to external devices. It should be lifted and moved carefully by at least two people, who should keep it level and hold it firmly to avoid potential injuries and device damage.



INSTALLATION GUIDE

01 Inspection of Attachments

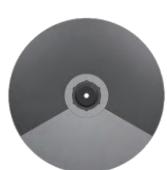
- After opening the box, please immediately check whether all items are included in the package. If any items are missing, please contact the dealer.



12-inch Hi - hat cymbal



12-inch Ride cymbal



11-inch Crash cymbal*2



10-inch Snare drum



8-inch Tom *3



Kick pedal



Hi - Hat Stand



Inner rod



Second- order tube



Cymbal support rod *3



Sound module



Sound module fixing rod



Hi - hat controller



8-inch Kick drum



Sound module ribbon cable



Power adapter



Drumsticks



Drum key



Drum Pad Support Rod x5



Drumstool



Headphones



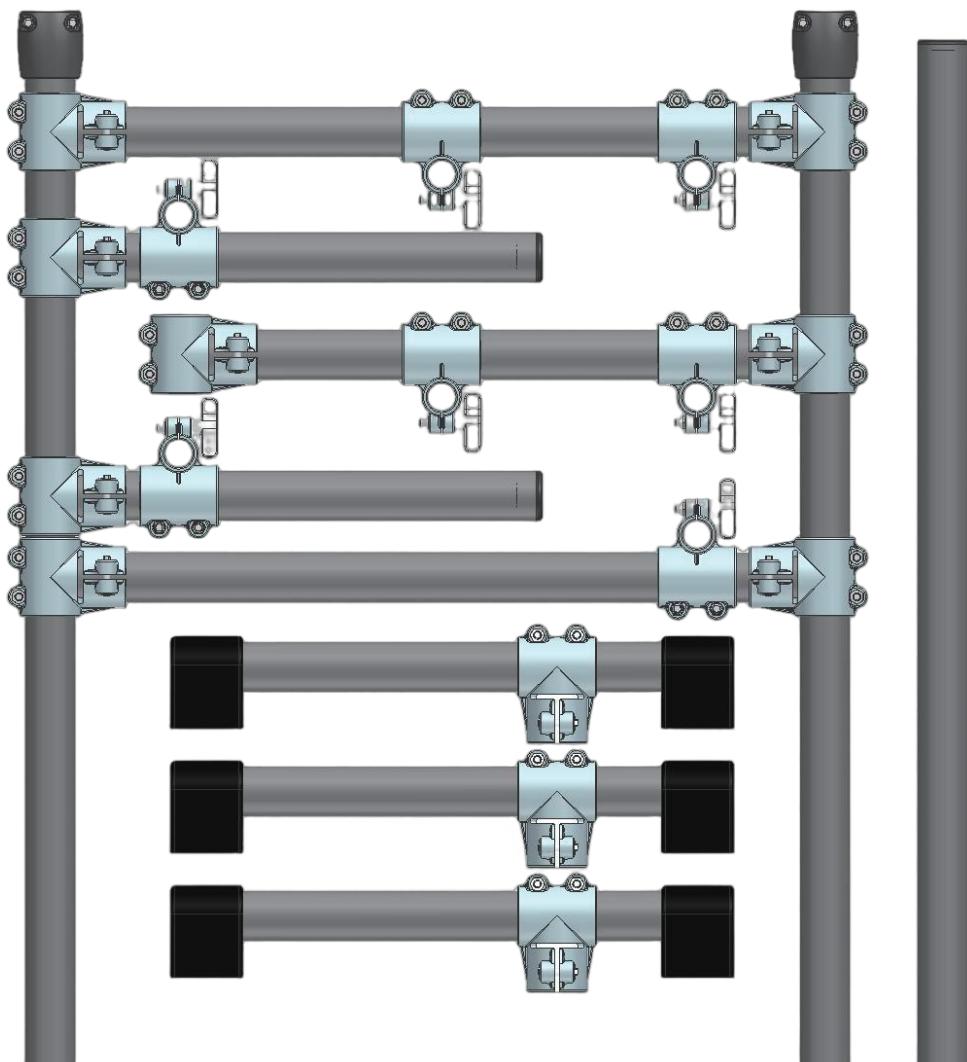
Lesson Book



INSTALLATION GUIDE

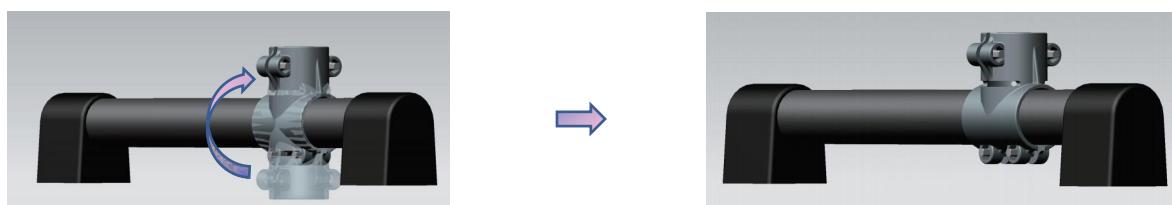
02 Drum Rack

- Remove the drum rack from the complete packaging.



03 Assembling the Drum Rack (1)

- Take out the rack support legs. Loosen the joint screws and rotate the connectors to the positions shown in the diagram.

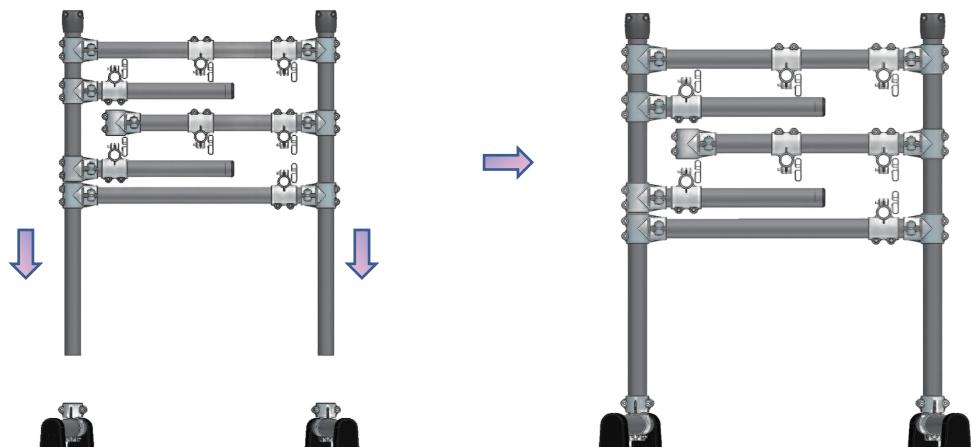




INSTALLATION GUIDE

04 Assembling the Drum Rack(2)

- Insert the main rack bar into the support legs, then tighten the joint screws to secure the structure.



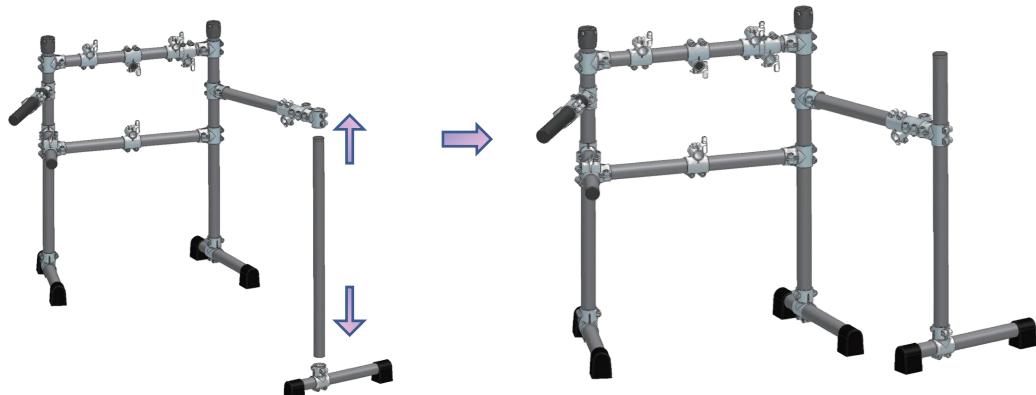
05 Assembling the Drum Rack (3)

- Expand the rack's side arms to the angle shown in the diagram, then tighten the joint screws to secure them in place.



06 Assembling the Drum Rack (4)

- Take out the right - side support bar and support leg. Insert the bar into the support leg and the right-side horizontal bar as shown in the diagram, then tighten to secure.

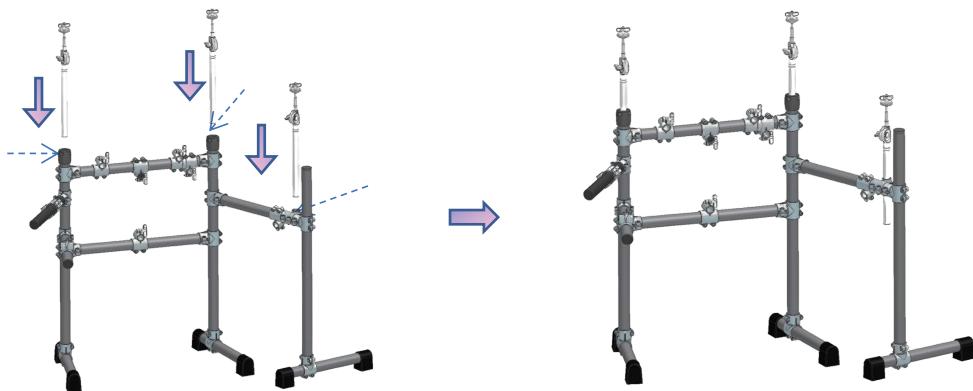




INSTALLATION GUIDE

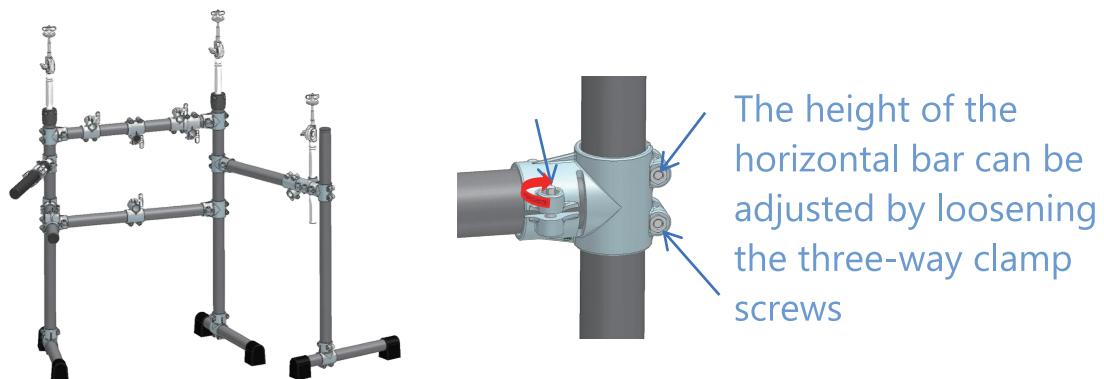
07 Assembling the Drum Rack(5)

- Insert the cymbal mounting rod into the holder and clamp pointed to by the arrows.



08 Adjusting the Rack Frame(6)

- After the rack is fully assembled, adjust the height of the horizontal bars and the angle of the cymbal mounting rods until they are in a suitable position for the player.



09 Installing the Cymbals (1)

- Remove the felt washer and locking knob from the cymbal mounting rod.

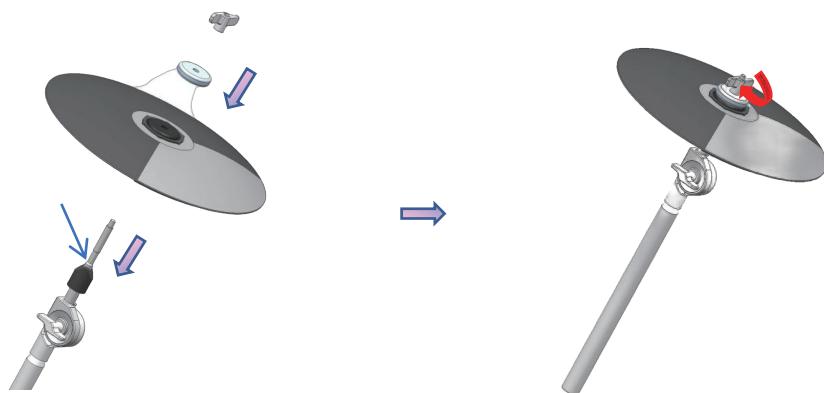




INSTALLATION GUIDE

10 Installing the Cymbals (2)

- Place the cymbal onto the mounting rod. Push it down to sit on the rubber base, then add the felt washer and tighten the knob.



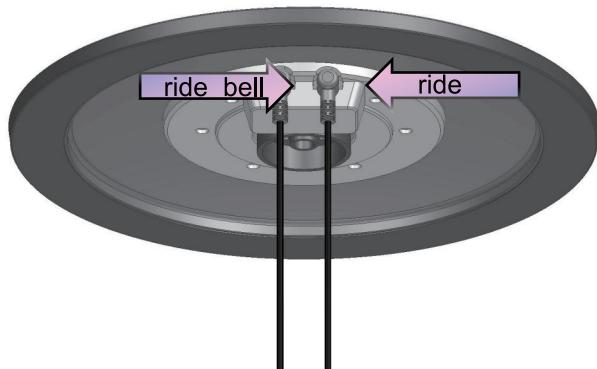
11 Installing the Cymbals (3)

- Install the crash, ride, and expansion cymbal onto the mounting rods using the same method.



12 Installing the Cymbals (1)

- About the Ride Cymbal!



Note: The ride cymbal has three trigger zones: the bell, the bow, and the edge, and there are two output jacks

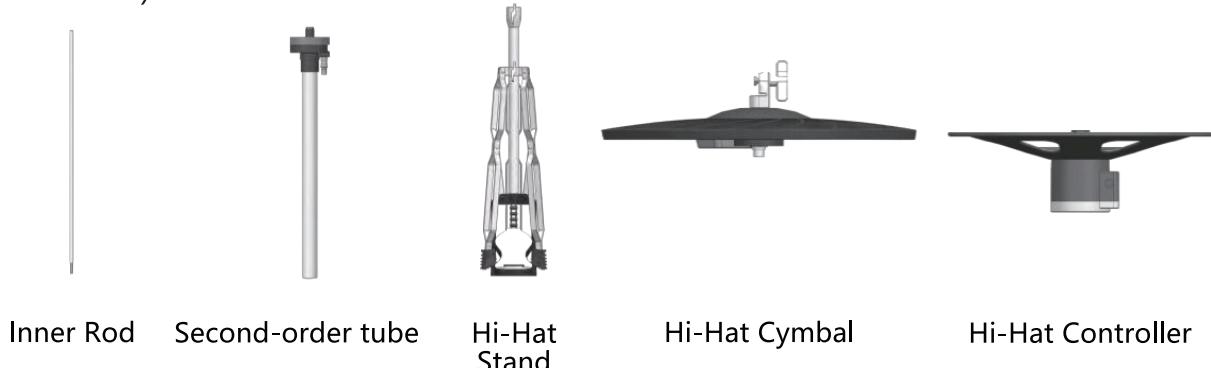
- You need to connect two cables: the ride cable and the ride bell cable. It should be noted that if the ride bell cable is connected to any jack alone, no sound will be produced.
- To trigger the bell sound, the ride bell cable and the ride cable must be connected to the two respective jacks at the same time. Both cables can only be inserted into the corresponding jacks as shown in the diagram; otherwise, no sound will be triggered.



INSTALLATION GUIDE

13 Assembling the Hi-Hat Stand and Dual-Plate Hi-Hat Cymbal(1)

- Take out the hi - hat stand components and dual hi - hat cymbal parts(as shown below)

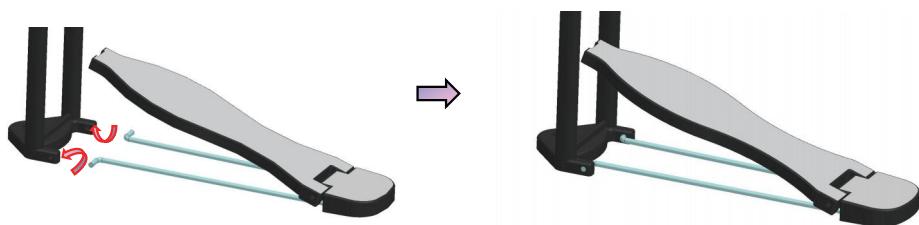


- Take out the hi-hat stand. Lay the footboard flat so that the two connecting rods naturally spread open.

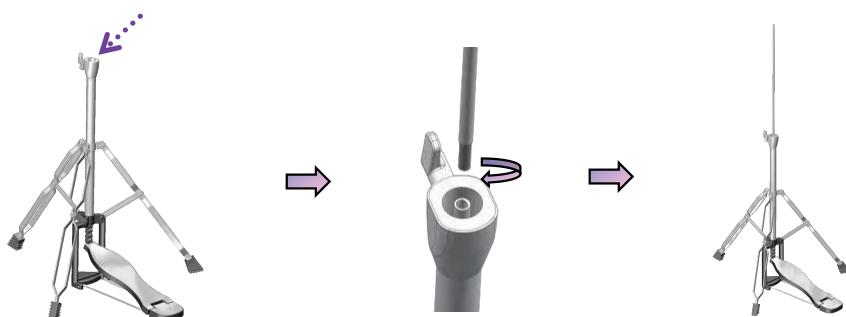


14 Assembling the Hi-Hat Stand and Dual-Plate Hi-Hat Cymbal(2)

- Insert both ends of the connecting rods into the two mounting holes at the bottom of the hi-hat stand base.



- Take out the inner rod and rotate it into the fixing ring inside the support leg tube of the hi-hat stand.

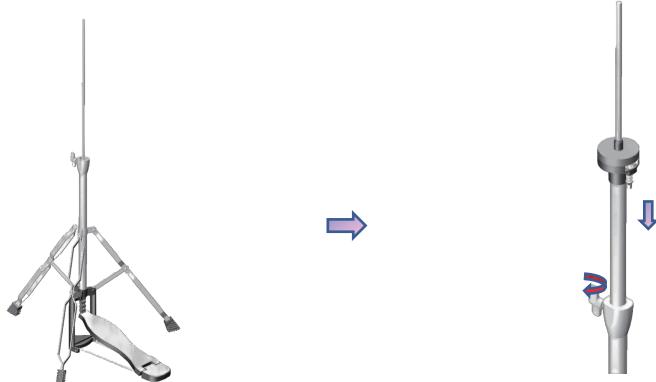




INSTALLATION GUIDE

15 Assembling the Hi-Hat Stand and Dual-Plate Hi-Hat Cymbal(3)

- Insert the second-order tube with the felt base into the hi-hat stand. Adjust the height and tighten the knob.



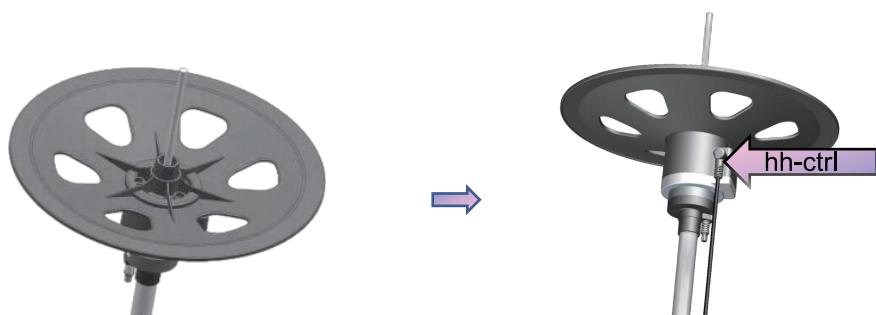
16 Assembling the Hi-Hat Stand and Dual-Plate Hi-Hat Cymbal(4)

- Insert the hi-hat controller through the inner rod and place it on the felt base of the second-order tube.



17 Assembling the Hi-Hat Stand and Dual-Plate Hi-Hat Cymbal(5)

- Insert the blue HH-CTRL cable from the cable harness into the controller jack on the bottom cymbal.

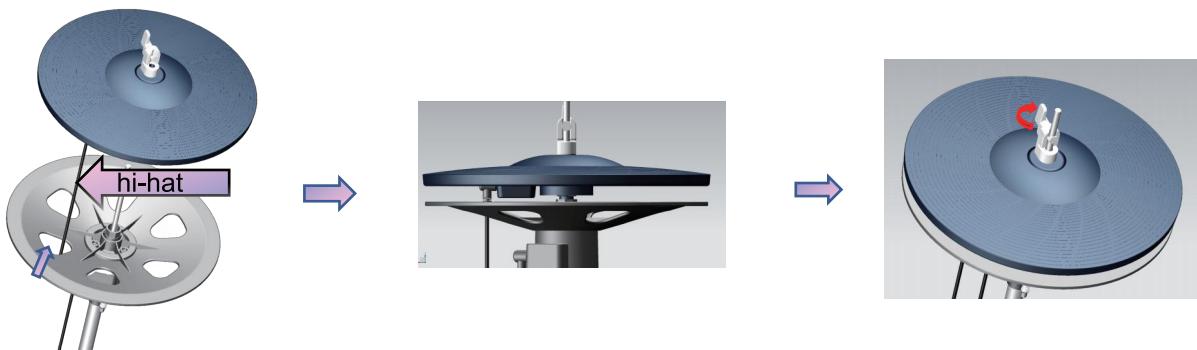




INSTALLATION GUIDE

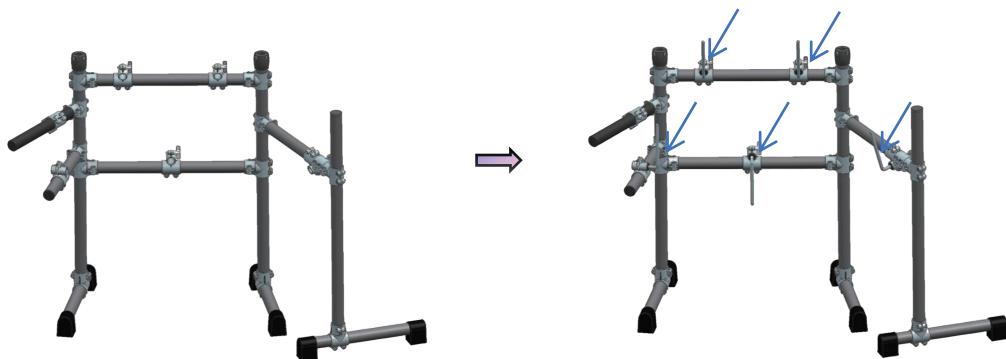
18 Assembling the Hi-Hat Stand and Dual-Plate Hi-Hat Cymbal(6)

- Insert the white HI-HAT cable from the cable harness upward through any hole on the bottom cymbal then connect it to the jack on the top hi-hat cymbal. Align the top cymbal close to the controller and tighten the knob to lock it in place.



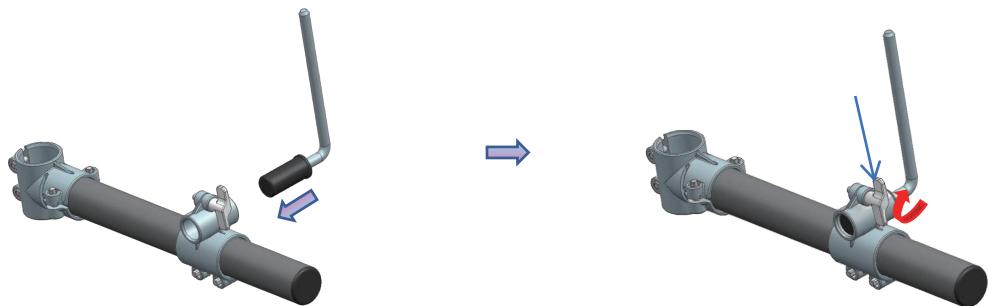
19 Installing the Drum Pads(1)

- After the rack is assembled, insert the drum pad support rods into the clamps at the positions shown in the diagram. Adjust the angle as needed.



20 Installing the Drum Pads(2)

- Insert the drum pad support rods into the clamps as shown in the diagram, then tighten the knobs to secure them.

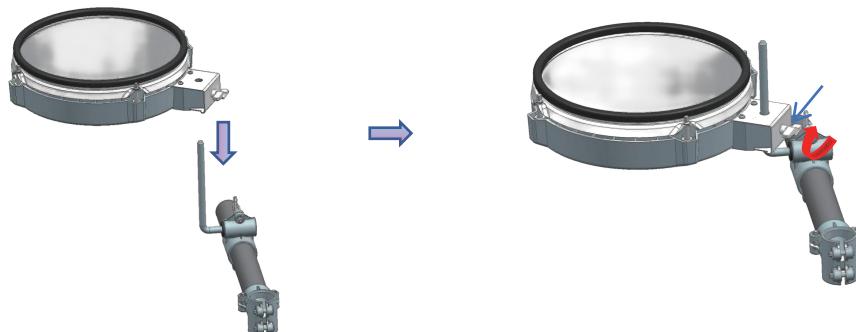




INSTALLATION GUIDE

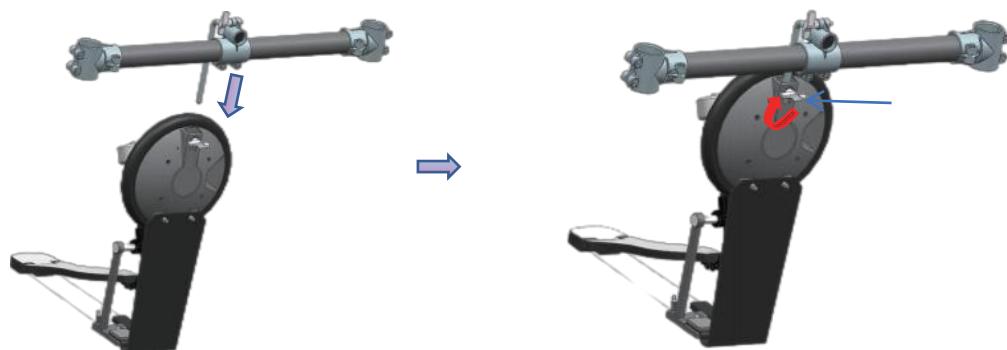
21 Installing the Drum Pads(3)

- Insert the snare and tom pads(with mounting bases) onto the drum pad support rods, then tighten the knobs to secure them.



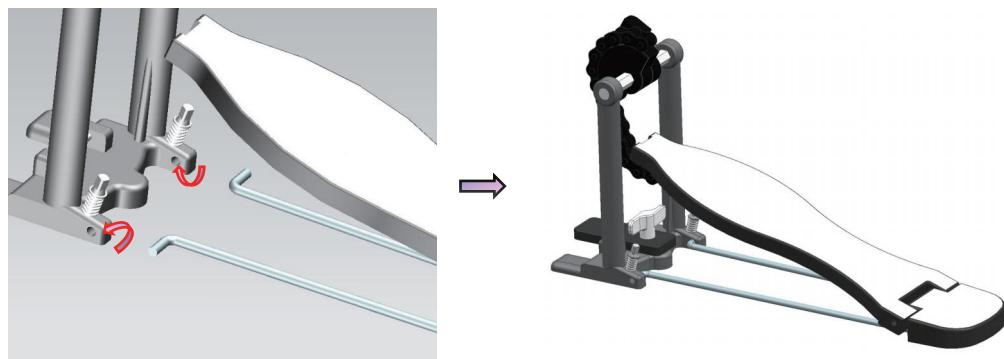
22 Installing the Kick Drum (1)

- Insert the kick drum onto the drum pad support rod and tighten the knob to secure it.



23 Installing the Kick Drum (2)

- Take out the kick pedal. Insert the connecting rods into the mounting holes on both sides of the pedal stand.

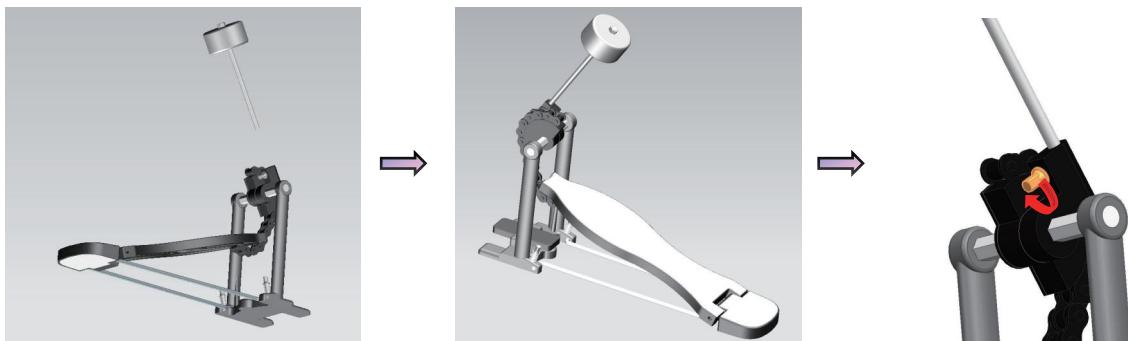




INSTALLATION GUIDE

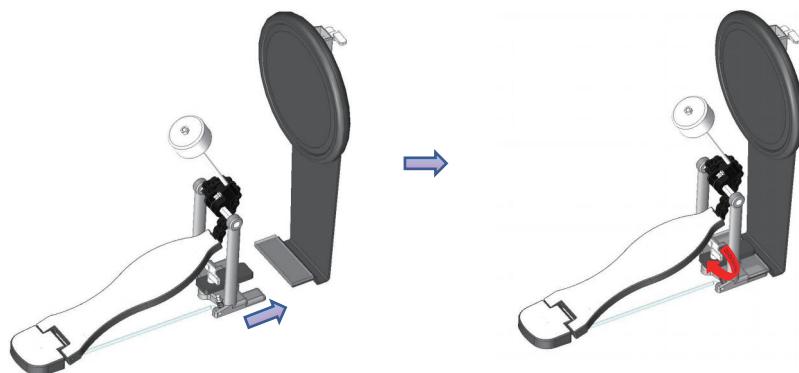
24 Installing the Kick Drum (3)

- Insert the beater head into the mounting hole, adjust the height, and tighten the screw to secure it.



25 Installing the Kick Drum (4)

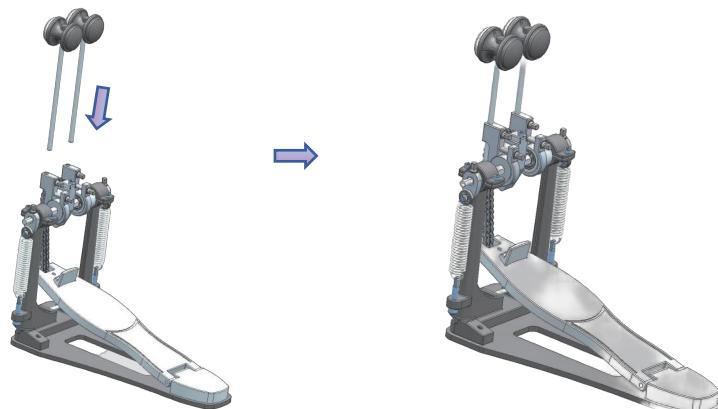
- Secure the kick pedal clamp onto the kick drum support plate, then tighten the clamp knob to lock it in place.



26 If the electronic drum you bought comes with a double pedal, please check the installation instructions below.

Assembling the Double Pedal (1)

- Open the package and take out all parts. Insert both beaters into the mounting holes on the main pedal.

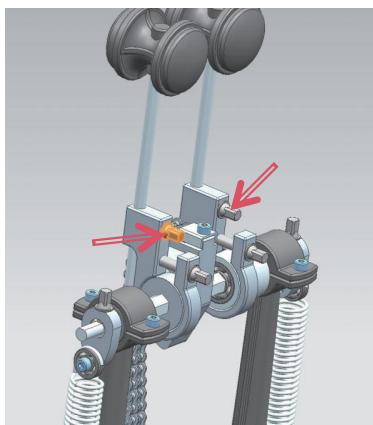




INSTALLATION GUIDE

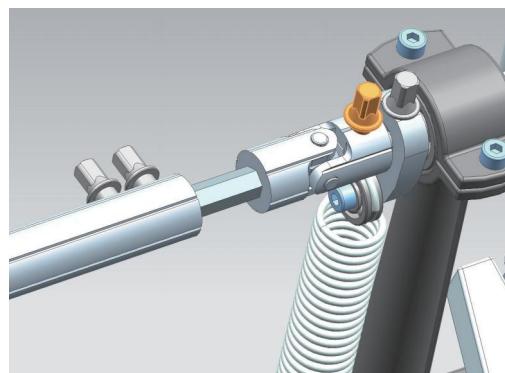
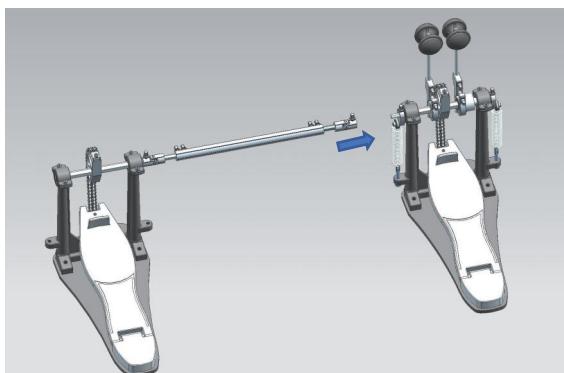
27 Assembling the Double Pedal (2)

- Use the drum key to loosen the screw shown in the diagram to adjust the beater height.



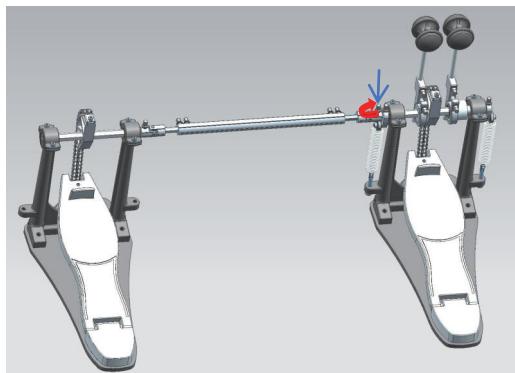
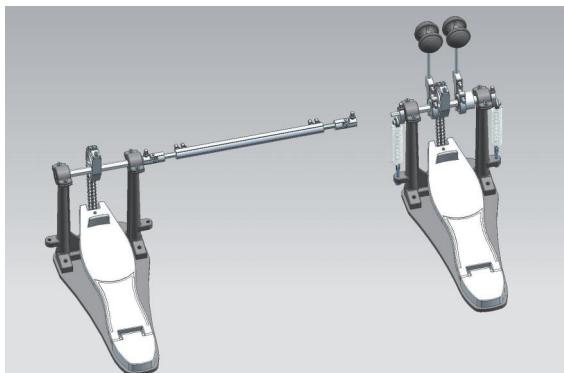
28 Assembling the Double Pedal (3)

- Take out the left pedal. Insert the connecting shaft, which is fixed to the left pedal, into the fixed shaft on the right pedal, and tighten the screw.



29 Assembling the Double Pedal (4)

- After tightening the connecting shaft, the double pedal assembly is complete. Proceed to the next step for pedal adjustment.

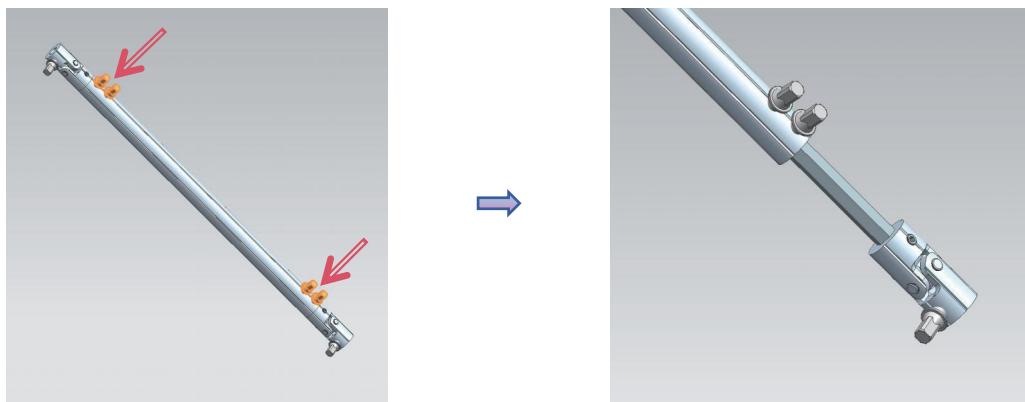




INSTALLATION GUIDE

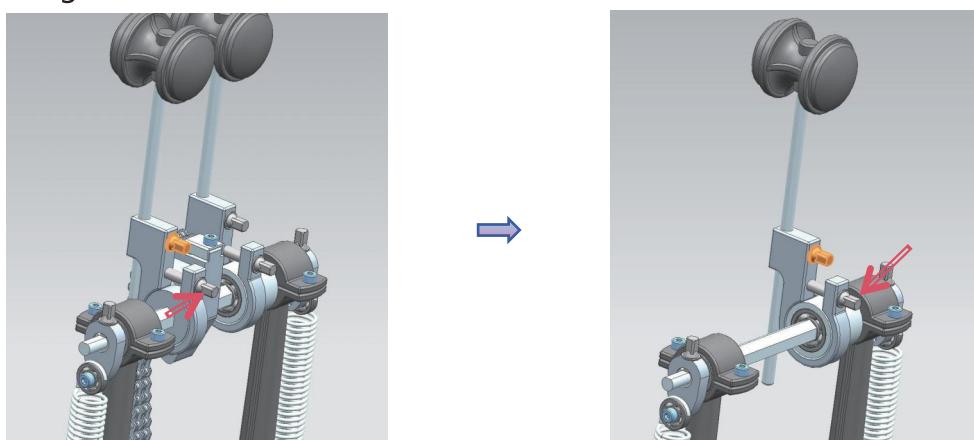
30 Adjusting the Connecting Shaft Length

- Use a drum key to loosen the screws shown in the diagram(two at each end) to adjust the length of the connecting shaft.



31 Adjusting Beater Angle individually

- Use a drum key to loosen the screw shown in the diagram to independently adjust the beater angle.



32 Adjusting the Left Footboard

- Loosen the screw shown in the diagram to adjust the height of the left footboard and the beater angle.

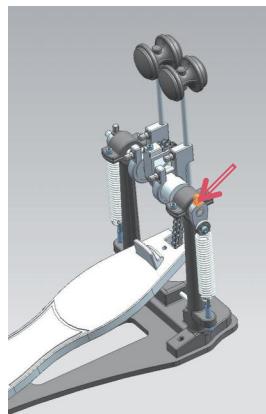




INSTALLATION GUIDE

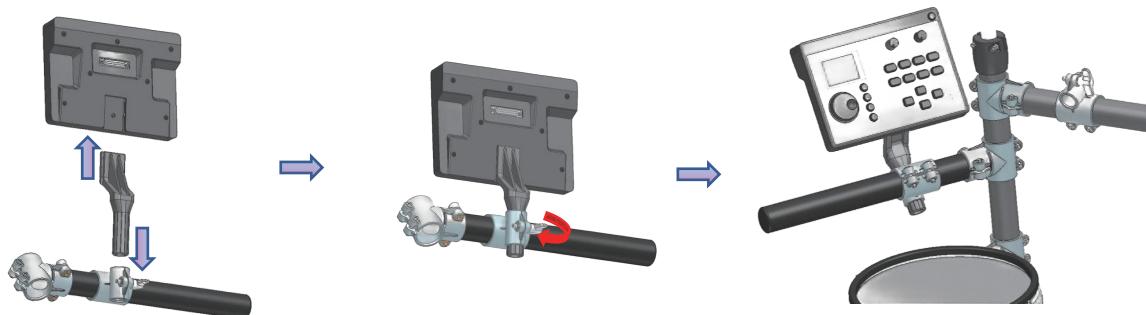
33 Adjusting the Right Footboard

- Loosen the screw shown in the diagram to adjust the height of the right footboard and the beater angle.



34 Installing the Sound Module

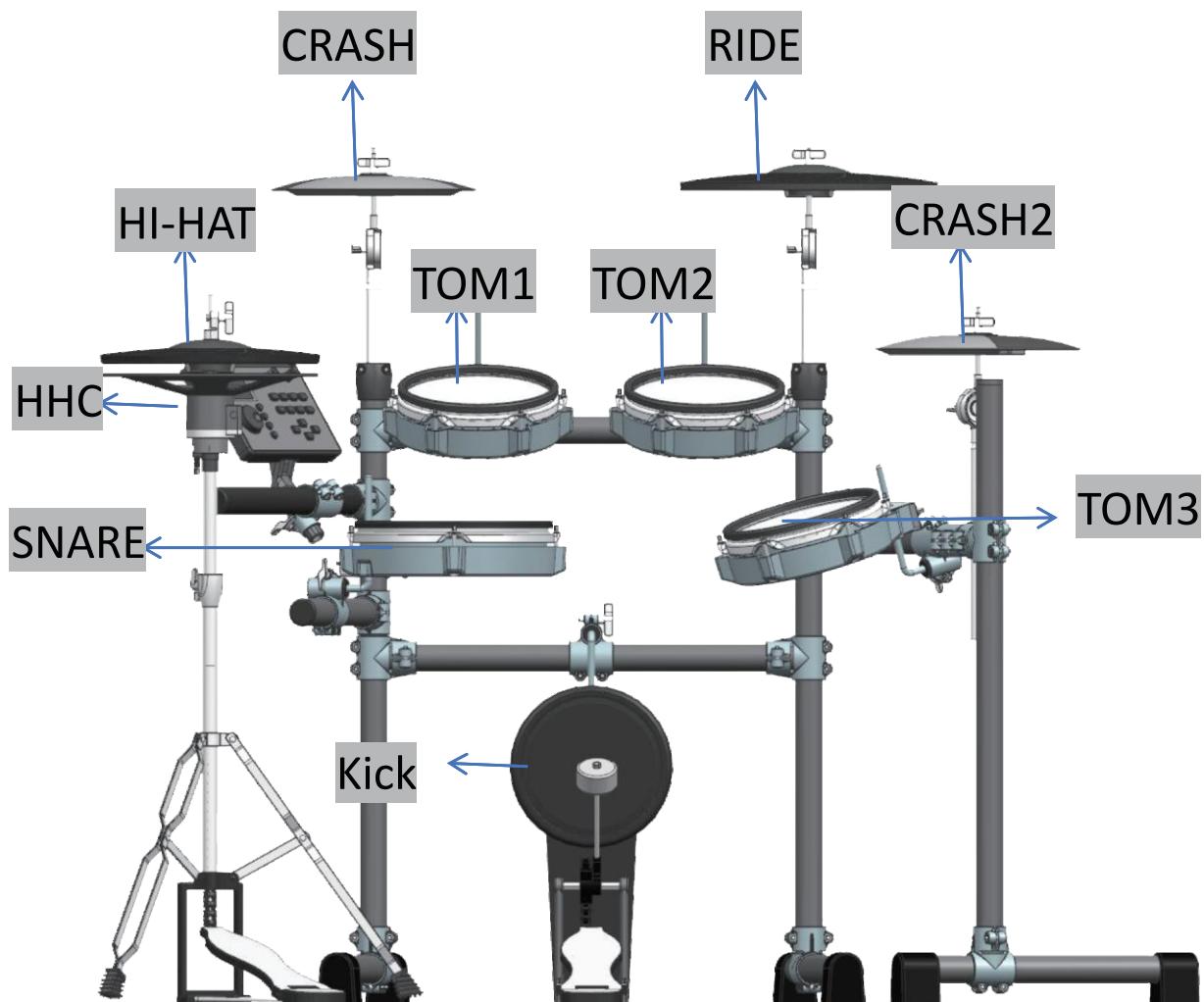
- Insert the sound module mounting rod into the slot on the back of the sound module, then attach the rod to the rack clamp and tighten the knob to secure.





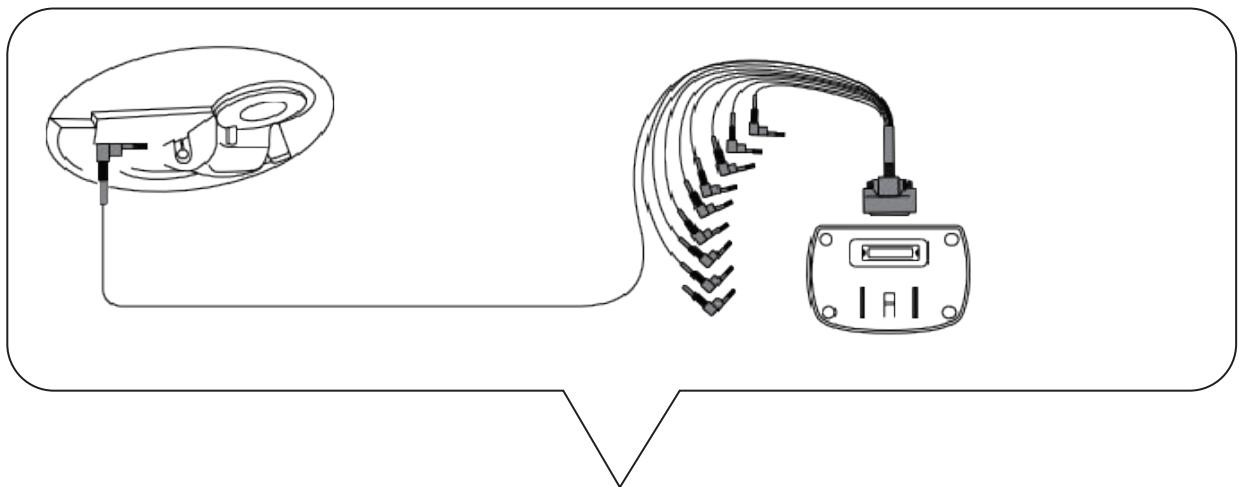
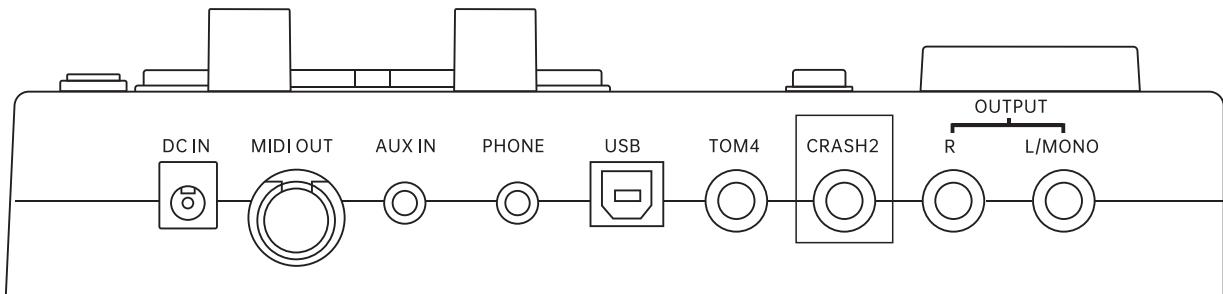
INSTALLATION GUIDE

- 34 Insert the trigger cable harness into the port on the back of the sound module, and use the labeled cables to connect all components.





INSTALLATION GUIDE

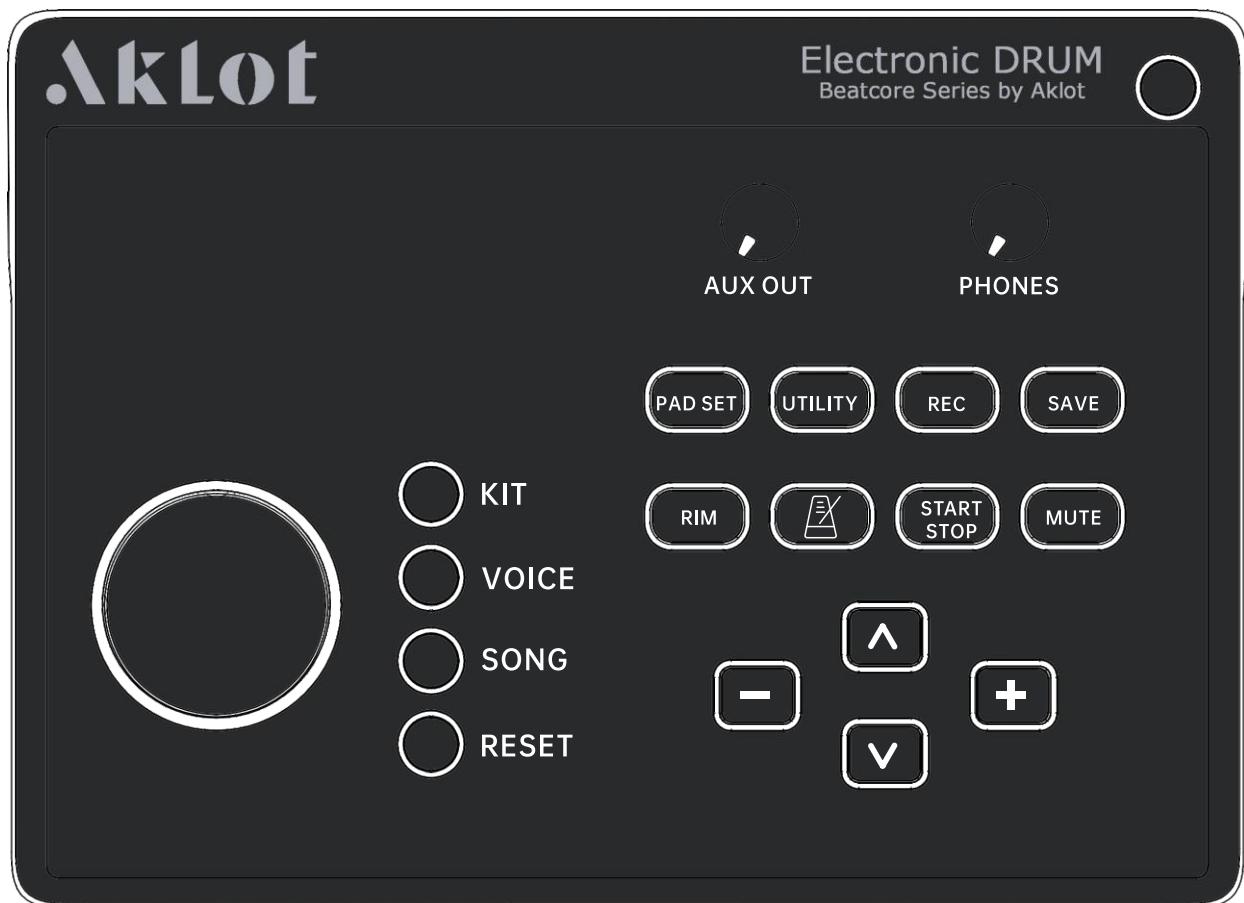


Pads/Cymbals Cable Color

snare	→ yellow
Tom1	→ orange
Tom2	→ purple
Tom3	→ black
hi-hat	→ white
crash	→ orange-red
ride	→ green
hhc	→ blue
kick	→ gray
ride bell	→ green
crash 2	→ use a 6.5mm expansion interface for connection



SOUND MODULE USER MANUAL





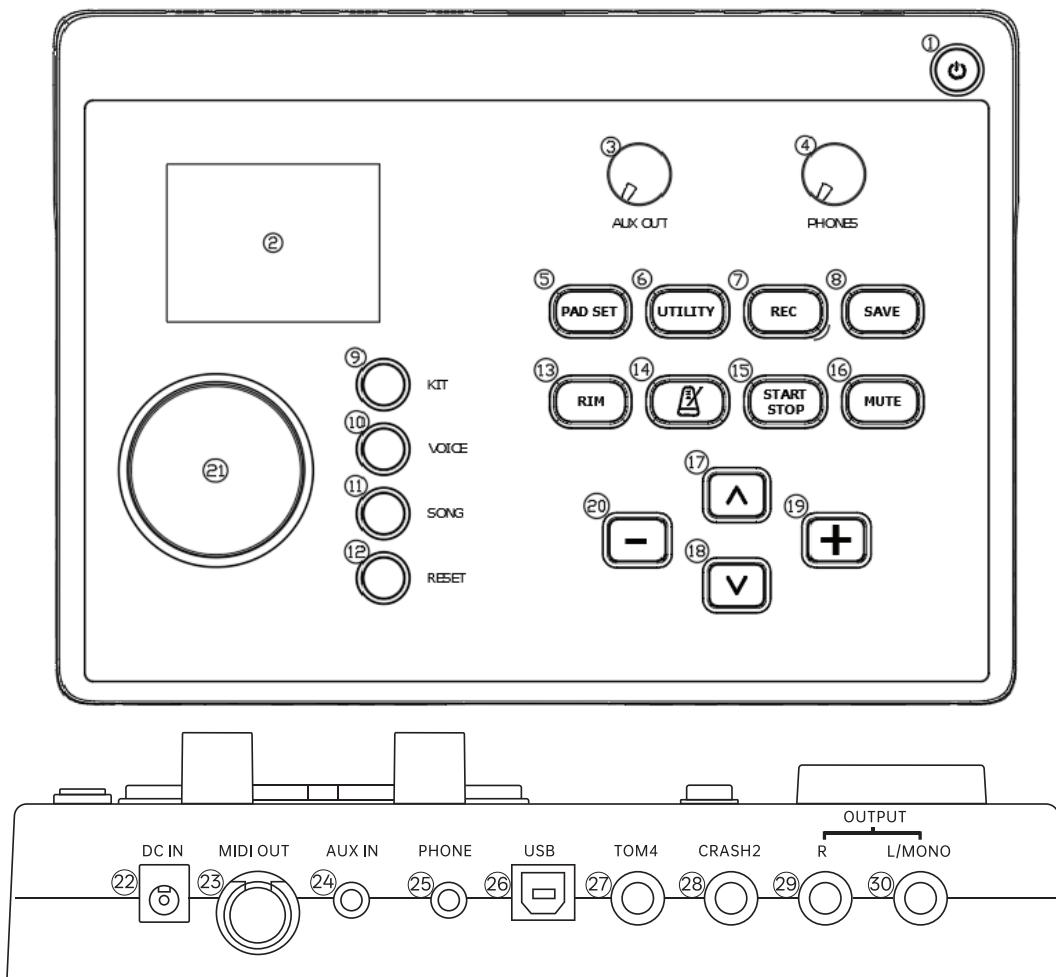
PRODUCT SPECIFICATIONS

Display	240*320 LCD Color Screen	
Songs	20 presets	
Drum kits	Presets	20
	User settings	20
Drum kit parameters	Tone	460
	Trigger volume	0-127
	Phase	L64-0-R63
	Force curve	1-5
	Reverb volume	0-127
	Effect type	1-6
	Coarse pitch adjustment	0-127
	High frequency EQ	0-127
	Low frequency EQ	0-127
	Drum kit volume	0-127
Recording	2 MIDI Types	
Metronome	Metronome tone	1-4
	Volume adjustment	1-127
	Beat type	1-9
Tempo	30-250	
Other settings	Local sound source switch	
	Reset to factory settings	
	Song play mode	
	Song percussion off	
	Snare drum rim / Tap switch	
Interfaces	9V DC power supply, 6.5mm external expansion interface (TOM4, CRASH2), USB MIDI, MIDI OUT interface, 3.5mm auxiliary input interface, 6.5mm line output interface (R, L/MONO), 3.5mm headphone interface	
Knobs	AUX OUT, PHONES, Function knob	

Product Overview

Read the following information carefully before operation.

Module interface diagram:

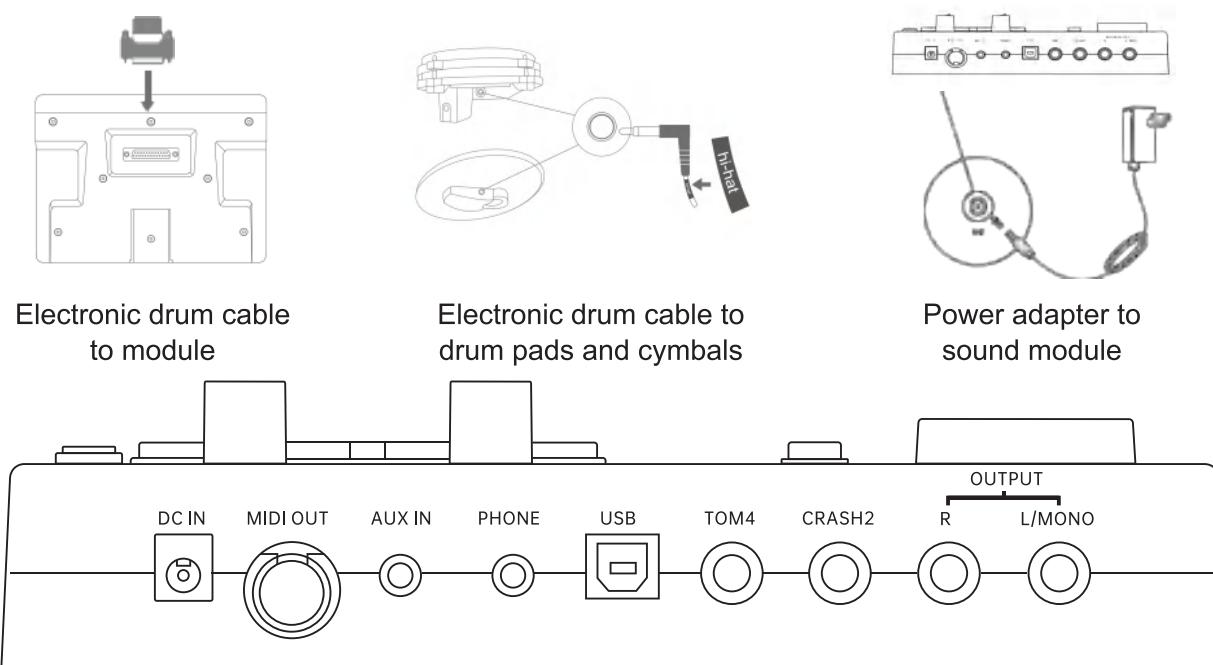


- | | |
|------------------------------------|---|
| 1. Power Switch | 16. Mute Button (MUTE) |
| 2. 240*320 LCD Screen | 17. Up Button(Λ) |
| 3. Line Output Volume Knob | 18. Down Button(V) |
| 4. Headphone Volume Knob | 19. Increase Button (+) |
| 5. Pad Set Button | 20. Decrease Button (-) |
| 6. Utility Button | 21. Function Knob |
| 7. Record Button | 22. Power Input Interface |
| 8. Save Button | 23. MIDI OUT Interface |
| 9. Drum Kit Interface Button | 24. External Audio Interface |
| 10. Voice Button | 25. Headphone Output Interface |
| 11. Song Selection Button(SONG) | 26.USB-MIDI Interface |
| 12. Reset Button | 27.TOM4 External Expansion Interface |
| 13. Snare Drum Rimshot Button(RIM) | 28.CRASH2 External Expansion Interface |
| 14. Metronome Button (CLICK) | 29. Line Output Right Channel Interface |
| 15. Start/Stop Button (START/STOP) | 30. Line Output Left/Mono Channel Interface |

Device Connections

Connecting the Power and Module

1. After assembling the drum rack, drum pads, and cymbals, insert the electronic drum connection cable into the interface on the back of the sound module.
2. The other end of the electronic drum connection cable has marked plugs; insert the marked plugs into the corresponding drum pads and cymbals.
3. Plug the power adapter into a 100-240V socket, and insert the round plug at the other end into the 9V DC interface on top of the sound module.



This product requires external headphones or speakers to play sound.

The connections are as follows:

- Connecting Headphones

Insert the 3.5mm headphone jack into the PHONES interface on the sound module. The headphones will then play audio normally.

Be sure to adjust the volume using the PHONES knob.

- Connecting Speakers

Insert the 6.35mm audio connection cable into the OUTPUT interface on the sound module. L/MONO is for the left/mono channel, and R is for the right channel.

Connect the other end of the cable to the speakers. Be sure to adjust the volume using the AUX OUT knob.

- Connecting External Audio Devices

Insert the 3.5mm audio connection cable into the AUX IN interface. Connect the other end of the cable to an MP3 player, CD player, or another external audio device.

The headphones or speakers connected to the sound module will then play the sound from the AUX IN input.

- Connecting MIDI Devices

Use a MIDI data cable to connect. Insert the MIDI IN end of the cable into the MIDI OUT of this device, and insert the MIDI OUT end into the MIDI IN of another MIDI device.

This allows the device to send MIDI data properly.

- Connecting to a Computer

Use a USB cable to connect the device to the computer.

This allows the MIDI information to be sent to the computer, and also receive and process MIDI information sent back from the computer.

- Connecting Expansion Drum Pads and Cymbals

Insert a 6.35mm cable into the TOM4/CRASH2 interface, and connect the other end to the expansion drum pad/cymbal.

TOM4 is for a tom drum, and CRASH2 is for a cymbal.

Wireless Communication Module

Connecting to smart devices such as smartphones or tablets allows you to enjoy the following functions: Listen to audio playback from smart devices through the instrument's speaker, or use compatible smart device applications to make the instrument's performance more relaxing and enjoyable.

About Wireless Communication

- Wireless communication is used for wireless communication between devices in the 2.4 GHz band within a range of about 10 meters (33 feet).
- Handles wireless audio transmission communications
- The 2.4GHz band used by wireless communication equipment is the radio band for many device types. Although the technology used in wireless communication devices can reduce the impact of other components in the same radio band, this impact will reduce the speed and distance of communication, and in some cases may interrupt communication.
- The speed of signal transmission and communication distance vary according to the distance between communication devices, the presence of obstacles, radio wave conditions and the type of equipment.
- AKLOT does not guarantee all wireless connections between this device and devices compatible with wireless audio transmission.



Wireless Audio Reception

- Automatically turn on wireless reception when starting up.
- Audio equipment number : BT AUDIO
- Music software device number : BLE MIDI
- By connecting this instrument to a smart device (such as a smartphone or tablet), you can input audio from devices equipped with wireless audio transmission, such as smart devices, into this instrument*. Then, you can listen through the built-in speaker of this instrument. This instrument is equipped with wireless audio functionality.

Note: Audio equipment number is used to transmit audio information and Music software device number is used to transmit MIDI information.

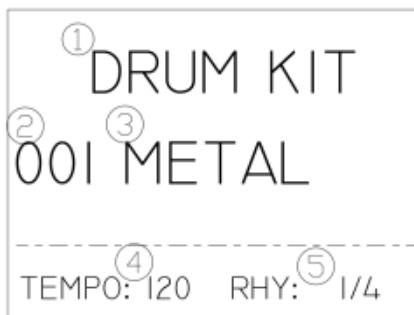
Operating Guide

Drum Kit Selection

Note: For the following parameter adjustment section, after adjusting each page, you must save the settings before proceeding to adjust the parameters of the next page. Additionally, after adjusting individual components such as each tom, cymbal, or other drum parts on every page, they must be saved separately.

A drum kit refers to the combination of all drum pads, cymbals and controller sounds and parameters. By selecting different preset kits, you can quickly play a variety of sounds. In addition to preset kits, this sound module provides user kits that allow customization of sounds and parameters. User data can be saved for quick recall.

The first 20 kits are fixed combinations. The last 20 kits are user-defined.



1	Drum Kit Options
2	Drum Kit Number
3	Drum Kit Name
4	Tempo
5	Beat

1. Upon powering on, the system defaults to the DRUM KIT (kit selection) screen. Alternatively, press the [KIT] button to enter the DRUM KIT selection screen.
2. The cursor defaults to the drum kit name. Use the [+] / [-] buttons or turn the function dial to switch between different kits. The screen will display the kit number and name.

Voice Selection



1	Tone interface	5	Pan Pot
2	Cursor	6	Part-value
3	Tone name	7	Tone volume
4	Pitch number	8	MIDI value

1. Press the [VOICE] button to enter the VOICE (sound settings) screen. The screen displays the currently triggered drum pad, cymbal, or controller component. Use the [+] / [-] buttons or turn the function dial to switch between sounds. Strike the pad to audition the selected sound until you are satisfied.
2. Use the [\wedge] / [\vee] buttons to switch between items.
3. Press the [SAVE] button to save changes to the current kit. All kits can have their sounds modified. Press the reset button to restore original sounds.

Operating Guide

Note:

If SAVE operation is not performed, any edited parameters will revert to default when switching kits.

To switch between different drum pads, cymbals, or controller components

Strike the desired pad or component, the system will automatically switch to the editing screen for that item.

Switching Between Pads, Cymbals, and Controllers

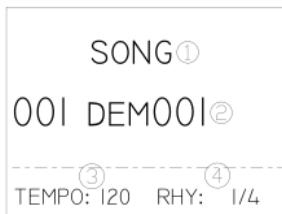
& Corresponding Parameter Descriptions:

When you strike a different drum pad, cymbal, or controller, the system will automatically switch to the editing interface for the selected component.

- PITCH Parameter: Adjusts the pitch of the currently selected drum or cymbal. Higher values raise the pitch; lower values lower the pitch.
- PAN Parameter: Adjusts the stereo position (pan). The higher the value, the more the sound shifts to the right; the lower the value, the more it shifts to the left.
- VOLUME Parameter: Sets the volume level for the selected component. Higher values increase the volume; lower values decrease it.
- MIDI Parameter: Displays the MIDI note number currently assigned to the selected pad or cymbal. This value is for reference only and cannot be changed.

Operating Guide

Song Selection



1	Song interface
2	Song name
3	Song speed
4	Beat

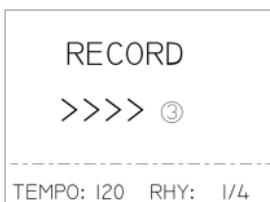
1. Press the [SONG] button to enter the SONG (song settings) screen.
2. Use the [+] / [-] buttons or turn the function dial to choose different songs. The screen will display the current song's number and name.
3. Press the [START/STOP] button or the function dial to control song playback and stopping.
4. Press the [MUTE] button to toggle between accompaniment and demo modes.

Notes:

1. In the song settings screen, playing a song and pressing the other button will automatically exit the song playback interface.
2. During song playback, the REC function cannot be activated. Pressing REC will enter the recording screen.

Recording and playback

Click the [REC] button to enter the RECORD recording interface.



1	Recording interface
2	Prepare
3	start

Start Recording

Click the [REC] button to enter the recording interface and enter the waiting state for recording.

Start recording as follows:

While in the waiting-to-record state, strike any drum pad, cymbal to begin recording.

The screen will display the recording status. > → >>>

Stop Recording

To stop recording, click the [START/STOP] button during recording, the recording stops & the data is automatically saved.

Notes:

1. The metronome can be toggled on or off during recording, but it will not be recorded. If the metronome is turned on before starting the recording, it will automatically synchronize with the recording.
2. During recording, you can access the DRUM KIT (Drum Set) and VOICE (Sound) interfaces.

Playback of Recording:

In the RECORD interface, press the [START/STOP] button to play the current recording. If no recording exists, playback will not start.

Notes:

1. When switching to another interface during playback, the playback will stop automatically.
2. In the RECORD interface, if a recording is currently playing, you cannot enter the waiting-to-record state. Once playback finishes, the device will automatically return to the waiting-to-record state.

Operating Guide

Metronome and Tempo Settings

Click the metronome icon to enter the METRO SET interface.



1	Metronome setting interface	7	Beat change value
2	Speed	8	Metronome tone
3	Beat	9	Metronome volume
4	Metronome beat switch	10	Tone value
5	Speed value	11	Volume value
6	Beat value		

Metronome

Press the [CLICK] button to turn the metronome on or off. Metronome parameters can be adjusted in the METRO SET menu.

1. Click the [CLICK] button to enter the METRO SET interface.
2. Use the [\wedge]/[\vee] buttons to navigate between functions.
3. Tempo Adjustment:
The cursor defaults to TEMPO. Press the [+]/[-] buttons or rotate function knob to adjust the speed.
4. Rhythm Adjustment:
When the cursor is on RHYTHM, use the [+]/[-] buttons or the function knob to change the rhythm.
5. Beat Pattern Adjustment:
When the cursor is on BEAT, use the [+]/[-] buttons or function knob select different beat patterns:
001: Continuous strong beats.
002: Alternating strong and weak beats.
003: Strong-weak-weak cycle, and so on, up to 009.
6. Metronome Sound Selection:
When the cursor is on SOUND, use the [+]/[-] buttons or the function knob to choose from five different metronome sounds.
7. Metronome Volume Adjustment:
When the cursor is on VOL, use the [+]/[-] buttons or the function knob to adjust the metronome volume, with a range of 0-127.

Operating Guide

RIM Function

This feature modifies the sound of the snare drum rim. By default, it is enabled (button light is on). Striking the snare drum rim produces a rim-click sound. Pressing the [RIM] button turns off the light, and striking the snare drum rim will produce a regular rim-hit sound.

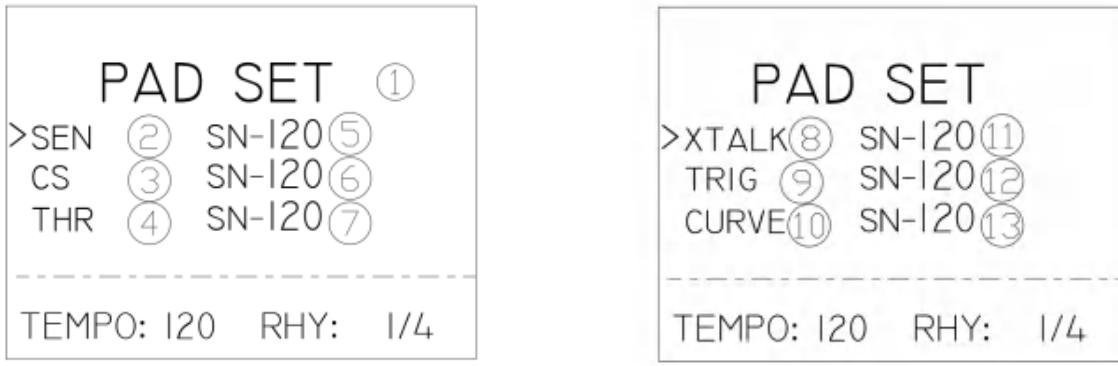
USB-MIDI Function

Connect the drum module to a computer using a USB cable to enable MIDI communication. The drum module can receive MIDI data from the computer and also send MIDI data to it.

Operating Guide

Pad Settings Menu

In any selection screen, press the [PAD SET] button to enter the PAD SET menu. In the settings menu, use the [+]/[-] buttons or rotate the function knob to adjust the parameters. Use the [\wedge]/[\vee] buttons to navigate through the menu.



1	Striking plate setting interface	8	Crosstalk
2	Strike surface sensitivity	9	Trigger calibration
3	Side strike sensitivity	10	Strike surface force curve selection
4	Threshold	11	Current parameter value (1-100)
5	Current parameter value (1-100)	12	Current parameter value (1-100)
6	Current parameter value (1-100)	13	Current parameter value (1-5)
7	Current parameter value (1-100)		

SEN (Pad Sensitivity):

In the settings menu, strike the desired pad to enter its sensitivity adjustment mode. When the backlight highlights the SEN option, press [+] or [-], or turn the function knob to adjust the pad's sensitivity.

Lower values result in higher sensitivity (responds to lighter hits), while higher values reduce sensitivity (requires harder hits to trigger sound)

Trigger Selection

In the pad settings menu, strike a drum pad, cymbal to automatically switch to the corresponding trigger. The screen will display the name ¶meters of the currently selected trigger.

Note:

When configuring within the same drum kit, new parameters will be temporarily saved after switching triggers. However, these parameters will be lost if the drum kit is changed.

Saving Drum Kit Settings

After setting the parameters, press the [SAVE] button to automatically save them to current drum kit.

Operating Guide

CS (Rim Sensitivity):

In the settings menu, when the backlight highlights the CS option, press [+] or [-], or turn the function knob to adjust the rim sensitivity.

Lower values result in higher sensitivity (easier to trigger), while higher values reduce sensitivity (harder to trigger).

Trigger Selection:

In the pad settings menu, strike a drum pad, cymbal to automatically switch to the corresponding trigger. The screen will display name and parameters of the currently selected trigger.

Note:

When configuring within the same drum kit, new parameters will be temporarily saved after switching triggers. However, these parameters will be lost if the drum kit is changed.

Saving Drum Kit Settings:

After setting the parameters, press [SAVE] button to automatically save them to the current drum kit.

THR (Threshold):

In the settings menu, when the backlight highlights the THR option, press [+] or [-], or turn the function knob to adjust the threshold value for the currently selected pad.

The threshold determines the minimum signal level required for the pad to trigger a sound.

Lower values make the pad more responsive to light hits; higher values require stronger hits to trigger a response.

Trigger Selection:

In the pad settings menu, strike a drum pad, cymbal to automatically switch to the corresponding trigger. The screen will display name and parameters of the currently selected trigger.

Note:

When configuring within the same drum kit, new parameters will be temporarily saved after switching triggers. However, these parameters will be lost if the drum kit is changed.

Saving Drum Kit Settings:

After setting the parameters, press [SAVE] button to automatically save them to the current drum kit.

XTALK (Crosstalk):

In the settings menu interface, when the backlight highlights the XTALK option, press [+] / [-], or turn the function knob to adjust the crosstalk setting for the current pad.

If unwanted triggering noise from other pads occurs when striking a pad, adjust the XTALK value for the pad where the crosstalk is happening.

The larger the XTALK value, the less likely crosstalk will occur.

Trigger Selection:

In the pad settings menu, strike a drum pad, cymbal to automatically switch to the corresponding trigger. The screen will display name and parameters of the currently selected trigger.

Note:

When configuring within the same drum kit, new parameters will be temporarily saved after switching triggers. However, these parameters will be lost if the drum kit is changed.

Saving Drum Kit Settings:

After setting the parameters, press [SAVE] button to automatically save them to the current drum kit.

Operating Guide

CURVE (Pad Velocity Curve Selection):

In the settings menu interface, when the backlight highlights the CURVE option, press [+] / [-], or turn the function knob to adjust the velocity curve for the current pad.

The velocity curve adjusts how the pad responds to hits based on different sizes and materials.

It is recommended to use the system default curve. Other curve options can be tested and adjusted if the component's size or material has changed.

Trigger Selection:

In the pad settings menu, strike a drum pad, cymbal to automatically switch to the corresponding trigger. The screen will display name and parameters of the currently selected trigger.

Note:

When configuring within the same drum kit, new parameters will be temporarily saved after switching triggers. However, these parameters will be lost if the drum kit is changed.

Saving Drum Kit Settings:

After setting the parameters, press [SAVE] button to automatically save them to the current drum kit.

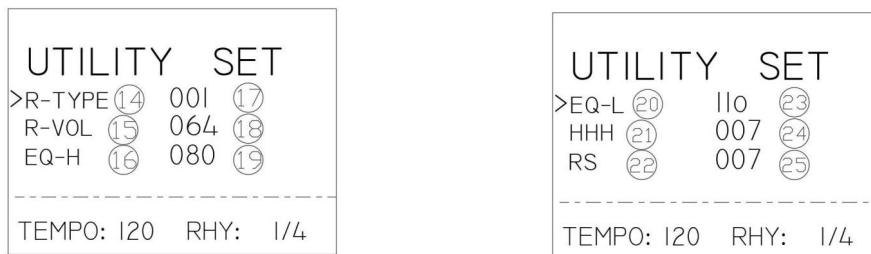
Operating Guide

Utility Settings Menu

From any selection interface, press the [UTILITY] button to enter the utility menu.

In the utility menu, press [+] / [-] or turn the function knob to adjust parameter values.

Press the [\wedge] / [\vee] buttons to navigate through different menu items.



14	Reverb Type	21	Hi-Hat Half-Open Travel
15	Reverb Volume	22	Rimshot Sensitivity
16	EQ - High	23	Current Value (0-127)
17	Current Value (0-5)	24	Current Value (1-9)
18	Current Value (0-127)	25	Current Value (1-30)
19	Current Value (0-127)		
20	EQ Low		

R-TYPE (Reverb Type) :

- In the settings menu, strike the desired pad to enter parameter adjustment mode. When the backlight highlights the R-TYPE option, press [+] / [-], or turn the function knob to select the reverb type.
- Lower values indicate more subtle reverb effects; higher values increase the intensity.

R-VOL(Reverb Volume)

- In the settings menu, strike the desired pad to enter parameter adjustment mode. When the backlight highlights the R -VOL option, press [+] / [-], or turn the function knob to adjust the reverb volume.
- Lower values reduce the reverb level; higher values increase it.

EQ-H (High-Frequency EQ)

- In the settings menu, strike the desired pad to enter parameter adjustment mode. When the backlight highlights the EQ-H option, press [+] / [-], or turn the function knob to adjust the high-frequency EQ.
- Lower values reduce brightness; higher values increase it.

EQ-L (Low-Frequency EQ)

- In the settings menu, strike the desired pad to enter parameter adjustment mode. When the backlight highlights the EQ-L option, press [+] / [-], or turn the function knob to adjust the low-frequency EQ.
- Lower values reduce bass depth ; higher values increase it.

Operating Guide

HHH(Hi-Hat Half-Open Travel)

- In the settings menu, strike the desired pad to enter parameter adjustment mode. When the backlight highlights the HHH option, press [+] / [-], or turn the function knob to adjust the open range of the hi-hat.
- Higher values extend the open-close travel distance, which helps achieve a more accurate half-open hi-hat effect.

RS (Rimshot Sensitivity)

- In the settings menu, strike the desired pad to enter parameter adjustment mode. When the backlight highlights the RS option, press [+] / [-], or turn the function knob to adjust rimshot sensitivity.
- Lower values increase sensitivity; higher values reduce it.



Appendix

Timbre

Number	Timbre
Kick	
1	Metal Kick
2	Grunge Kick
3	Jazz Kick
4	Indie Kick
5	Rock Kick
6	Arena Kick
7	HipHop Kick
8	Heavy Kick
9	House Kick
10	Popular Kick
11	Classic Kick
12	Street Kick
13	EDM Kick
14	R&B Kick
15	Dance Kick
16	80's Kick
17	Cosmic Kick
18	Breakcore Kick
19	D&B Kick
20	Effect Kick
Snare	
21	Metal Snare
22	Grunge Snare
23	Jazz Snare
24	Indie Snare
25	Rock Snare
26	Arena Snare
27	HipHop Snare
28	Heavy Snare
29	House Snare
30	Popular Snare
31	Classic Snare
32	Street Snare
33	EDM Snare
34	R&B Snare
35	Dance Snare
36	80's Snare
37	Cosmic Snare
38	Breakcore Snare
39	D&B Snare
40	Effect Snare
41	Metal Stick

Number	Timbre
42	Grunge Stick
43	Jazz Stick
44	Indie Stick
45	Rock Stick
46	Arena Stick
47	HipHop Stick
48	Heavy Stick
49	House Stick
50	Popular Stick
51	Classic Stick
52	Street Stick
53	EDM Stick
54	R&B Stick
55	Dance Stick
56	80's Stick
57	Cosmic Stick
58	Breakcore Stick
59	D&B Stick
60	Effect Stick
61	Metal Snare Rim Shot
62	Grunge Snare Rim Shot
63	Jazz Snare Rim Shot
64	Indie Snare Rim Shot
65	Rock Snare Rim Shot
66	Arena Snare Rim Shot
67	HipHop Snare Rim Shot
68	Heavy Snare Rim Shot
69	House Snare Rim Shot
70	Popular Snare Rim Shot
71	Classic Snare Rim Shot
72	Street Snare Rim Shot
73	EDM Snare Rim Shot
74	R&B Snare Rim Shot
75	Dance Snare Rim Shot
76	80's Snare Rim Shot
77	Cosmic Snare Rim Shot
78	Breakcore Snare Rim Shot
79	D&B Snare Rim Shot
80	Effect Snare Rim Shot
Hi-Hat	
81	Metal Hi-Hat Half Open
82	Grunge Hi-Hat Half Open
83	Jazz Hi-Hat Half Open

Number	Timbre
84	Metal Hi-Hat Half Open
85	Rock Hi-Hat Half Open
86	Arena Hi-Hat Half Open
87	HipHop Hi-Hat Half Open
88	Heavy Hi-Hat Half Open
89	House Hi-Hat Half Open
90	Popular Hi-Hat Half Open
91	Classic Hi-Hat Half Open
92	Street Hi-Hat Half Open
93	EDM Hi-Hat Half Open
94	R&B Hi-Hat Half Open
95	Dance Hi-Hat Half Open
96	80's Hi-Hat Half Open
97	Cosmic Hi-Hat Half Open
98	Breakcore Hi-Hat Half Open
99	D&B Hi-Hat Half Open
100	Effect Hi-Hat Half Open
101	Metal Hi-Hat Close
102	Grunge Hi-Hat Close
103	Jazz Hi-Hat Close
104	Indie Hi-Hat Close
105	Rock Hi-Hat Close
106	Arena Hi-Hat Close
107	HipHop Hi-Hat Close
108	Heavy Hi-Hat Close
109	House Hi-Hat Close
110	Popular Hi-Hat Close
111	Classic Hi-Hat Close
112	Street Hi-Hat Close
113	EDM Hi-Hat Close
114	R&B Hi-Hat Close
115	Dance Hi-Hat Close
116	80's Hi-Hat Close
117	Cosmic Hi-Hat Close
118	Breakcore Hi-Hat Close
119	D&B Hi-Hat Close
120	Effect Hi-Hat Close
121	Metal Hi-Hat Pedal
122	Grunge Hi-Hat Pedal
123	Jazz Hi-Hat Pedal
124	Indie Hi-Hat Peda
125	lRock Hi-Hat Pedal
126	Arena Hi-Hat Pedal

Number	Timbre
127	HipHop Hi-Hat Pedal
128	Heavy Hi-Hat Pedal
129	House Hi-Hat Pedal
130	Popular Hi-Hat Pedal
131	Classic Hi-Hat Pedal
132	Street Hi-Hat Pedal
133	EDM Hi-Hat Pedal
134	R&B Hi-Hat Pedal
135	Dance Hi-Hat Pedal
136	80's Hi-Hat Pedal
137	Cosmic Hi-Hat Pedal
138	Breakcore Hi-Hat Pedal
139	D&B Hi-Hat Pedal
140	Effect Hi-Hat Pedal
141	Metal Hi-Hat Open
142	Grunge Hi-Hat Open
143	Jazz Hi-Hat Open
144	Indie Hi-Hat Open
145	Rock Hi-Hat Open
146	Arena Hi-Hat Open
147	HipHop Hi-Hat Open
148	Heavy Hi-Hat Open
149	House Hi-Hat Open
150	Popular Hi-Hat Open
151	Classic Hi-Hat Open
152	Street Hi-Hat Open
153	EDM Hi-Hat Open
154	R&B Hi-Hat Open
155	Dance Hi-Hat Open
156	80's Hi-Hat Open
157	Cosmic Hi-Hat Open
158	Breakcore Hi-Hat Open
159	D&B Hi-Hat Open
160	Effect Hi-Hat Open
Tom	
161	Metal Tom1
162	Grunge Tom1
163	Jazz Tom1
164	Indie Tom1
165	Rock Tom1
166	Arena Tom1
167	HipHop Tom1
168	Heavy Tom1

Number	Timbre	Number	Timbre
169	House Tom1	212	Street Tom2
170	Popular Tom1	213	EDM Tom2
171	Classic Tom1	214	R&B Tom2
172	Street Tom1	215	Dance Tom2
173	EDM Tom1	216	80's Tom2
174	R&B Tom1	217	Cosmic Tom2
175	Dance Tom1	218	Breakcore Tom2
176	80's Tom1	219	D&B Tom2
177	Cosmic Tom1	220	Effect Tom2
178	Breakcore Tom1	221	Metal Tom2 Rim
179	D&B Tom1	222	Grunge Tom2 Rim
180	Effect Tom1	223	Jazz Tom2 Rim
181	Metal Tom1 Rim	224	Indie Tom2 Rim
182	Grunge Tom1 Rim	225	Rock Tom2 Rim
183	Jazz Tom1 Rim	226	Arena Tom2 Rim
184	Indie Tom1 Rim	227	HipHop Tom2 Rim
185	Rock Tom1 Rim	228	Heavy Tom2 Rim
186	Arena Tom1 Rim	229	House Tom2 Rim
187	HipHop Tom1 Rim	230	Popular Tom2 Rim
188	Heavy Tom1 Rim	231	Classic Tom2 Rim
189	House Tom1 Rim	232	Street Tom2 Rim
190	Popular Tom1 Rim	233	EDM Tom2 Rim
191	Classic Tom1 Rim	234	R&B Tom2 Rim
192	Street Tom1 Rim	235	Dance Tom2 Rim
193	EDM Tom1 Rim	236	80's Tom2 Rim
194	R&B Tom1 Rim	237	Cosmic Tom2 Rim
195	Dance Tom1 Rim	238	Breakcore Tom2 Rim
196	80's Tom1 Rim	239	D&B Tom2 Rim
197	Cosmic Tom1 Rim	240	Effect Tom2 Rim
198	Breakcore Tom1 Rim	241	Metal Tom3
199	D&B Tom1 Rim	242	Grunge Tom3
200	Effect Tom1 Rim	243	Jazz Tom3
201	Metal Tom2	244	Indie Tom3
202	Grunge Tom2	245	Rock Tom3
203	Jazz Tom2	246	Arena Tom3
204	Indie Tom2	247	HipHop Tom3
205	Rock Tom2	248	Heavy Tom3
206	Arena Tom2	249	House Tom3
207	HipHop Tom2	250	Popular Tom3
208	Heavy Tom2	251	Classic Tom3
209	House Tom2	252	Street Tom3
210	Popular Tom2	253	EDM Tom3
211	Classic Tom2	254	R&B Tom3

Number	Timbre	Number	Timbre
255	Dance Tom3	298	Break core Tom4
256	80's Tom3	299	D&B Tom4
257	Cosmic Tom3	300	Effect Tom4
258	Breakcore Tom3	301	Metal Tom4 Rim
259	D&B Tom3	302	Grunge Tom4 Rim
260	Effect Tom3	303	Jazz Tom4 Rim
261	Metal Tom3 Rim	304	Indie Tom4 Rim
262	Grunge Tom3 Rim	305	Rock Tom4 Rim
263	Jazz Tom3 Rim	306	Arena Tom4 Rim
264	Indie Tom3 Rim	307	HipHop Tom4 Rim
265	Rock Tom3 Rim	308	Heavy Tom4 Rim
266	Arena Tom3 Rim	309	House Tom4 Rim
267	HipHop Tom3 Rim	310	Popular Tom4 Rim
268	Heavy Tom3 Rim	311	Classic Tom4 Rim
269	House Tom3 Rim	312	Street Tom4 Rim
270	Popular Tom3 Rim	313	EDM Tom4 Rim
271	Classic Tom3 Rim	314	R&B Tom4 Rim
272	Street Tom3 Rim	315	Dance Tom4 Rim
273	EDM Tom3 Rim	316	80's Tom4 Rim
274	R&B Tom3 Rim	317	Cosmic Tom4 Rim
275	Dance Tom3 Rim	318	Breakcore Tom4 Rim
276	80's Tom3 Rim	319	D&B Tom4 Rim
277	Cosmic Tom3 Rim	320	Effect Tom4 Rim
278	Breakcore Tom3 Rim	Ride	
279	D&B Tom3 Rim	321	Metal Ride
280	Effect Tom3 Rim	322	Grunge Ride
281	Metal Tom4	323	Jazz Ride
282	Grunge Tom4	324	Indie Ride
283	Jazz Tom4	325	Rock Ride
284	Indie Tom4	326	Arena Ride
285	Rock Tom4	327	HipHop Ride
286	Arena Tom4	328	Heavy Ride
287	HipHop Tom4	329	House Ride
288	Heavy Tom4	330	Popular Ride
289	House Tom4	331	Classic Ride
290	Popular Tom4	332	Street Ride
291	Classic Tom4	333	EDM Ride
292	Street Tom4	334	R&B Ride
293	EDM Tom4	335	Dance Ride
294	R&B Tom4	336	80's Ride
295	Dance Tom4	337	Cosmic Ride
296	80's Tom4	338	Breakcore Ride
297	Cosmic Tom4	339	D&B Ride

Number	Timbre	Number	Timbre
340	Effect Ride	382	Grunge Crash1
341	Metal Ride Edge	383	Jazz Crash1
342	Grunge Ride Edge	384	Indie Crash1
343	Jazz Ride Edge	385	Rock Crash1
344	Indie Ride Edge	386	Arena Crash1
345	Rock Ride Edge	387	HipHop Crash1
346	Arena Ride Edge	388	Heavy Crash1
347	HipHop Ride Edge	389	House Crash1
348	Heavy Ride Edge	390	Popular Crash1
349	House Ride Edge	391	Classic Crash1
350	Popular Ride Edge	392	Street Crash1
351	Classic Ride Edge	393	EDM Crash1
352	Street Ride Edge	394	R&B Crash1
353	EDM Ride Edge	395	Dance Crash1
354	R&B Ride Edge	396	80's Crash1
355	Dance Ride Edge	397	Cosmic Crash1
356	80's Ride Edge	398	Breakcore Crash1
357	Cosmic Ride Edge	399	D&B Crash1
358	Breakcore Ride Edge	400	Effect Crash1
359	D&B Ride Edge	401	Metal Crash1 Edge
360	Effect Ride Edge	402	Grunge Crash1 Edge
361	Metal Ride Bell	403	Jazz Crash1 Edge
362	Grunge Ride Bell	404	Indie Crash1 Edge
363	Jazz Ride Bell	405	Rock Crash1 Edge
364	Indie Ride Bell	406	Arena Crash1 Edge
365	Rock Ride Bell	407	HipHop Crash1 Edge
366	Arena Ride Bell	408	Heavy Crash1 Edge
367	HipHop Ride Bell	409	House Crash1 Edge
368	Heavy Ride Bell	410	Popular Crash1 Edge
369	House Ride Bell	411	Classic Crash1 Edge
370	Popular Ride Bell	412	Street Crash1 Edge
371	Classic Ride Bell	413	EDM Crash1 Edge
372	Street Ride Bell	414	R&B Crash1 Edge
373	EDM Ride Bell	415	Dance Crash1 Edge
374	R&B Ride Bell	416	80's Crash1 Edge
375	Dance Ride Bell	417	Cosmic Crash1 Edge
376	80's Ride Bell	418	Breakcore Crash1 Edge
377	Cosmic Ride Bell	419	D&B Crash1 Edge
378	Breakcore Ride Bell	420	Effect Crash1 Edge
379	D&B Ride Bell	421	Metal Crash2
380	Effect Ride Bell	422	Grunge Crash2
Crash		423	Jazz Crash2
381	Metal Crash1	424	Indie Crash2

Number	Timbre
425	Rock Crash2
426	Arena Crash2
427	HipHop Crash2
428	Heavy Crash2
429	House Crash2
430	Popular Crash2
431	Classic Crash2
432	Street Crash2
433	EDM Crash2
434	R&B Crash2
435	Dance Crash2
436	80's Crash2
437	Cosmic Crash2
438	Breakcore Crash2
439	D&B Crash2
440	Effect Crash2
441	Metal Crash2 Edge
442	Grunge Crash2 Edge

Number	Timbre
443	Jazz Crash2 Edge
444	Indie Crash2 Edge
445	Rock Crash2 Edge
446	Arena Crash2 Edge
447	HipHop Crash2 Edge
448	Heavy Crash2 Edge
449	House Crash2 Edge
450	Popular Crash2 Edge
451	Classic Crash2 Edge
452	Street Crash2 Edge
453	EDM Crash2 Edge
454	R&B Crash2 Edge
455	Dance Crash2 Edge
456	80's Crash2 Edge
457	Cosmic Crash2 Edge
458	Breakcore Crash2 Edge
459	D&B Crash2 Edge
460	Effect Crash2 Edge

Drum combination timbre

Number	Timbre
1	Metal
2	Grunge
3	Jazz
4	Indie
5	Rock
6	Arena
7	HipHop
8	Heavy
9	House
10	Popular
11	Classic
12	Street
13	EDM
14	R&B
15	Dance
16	80's
17	Cosmic
18	Breakcore
19	D&B
20	Effect

User drum kit

U01 – U20 (20 user – preset drum kits in total)

Demonstration music

D01 – D20 (20 songs in total)



WARNINGS AND INSTRUCTIONS

Warning

The normal function of this product may be subject to strong electromagnetic interference. If this happens, simply follow the instructions to restore the product to its original settings. If the function cannot be restored, please use the product in other places.

Assembling

Do not disassemble or modify the parts of this product. Otherwise, it may cause electric shock, fire, personal injury, or product failure. The metal parts of the product have sharp angles. Please be careful when touching these parts to avoid injury.

Please tighten the fixing screws and fasteners. Otherwise, it may tip over and cause injury when in use. Please bundle the connecting cables carefully to avoid tripping.

Power

Please connect the specified power adapter to a power outlet with the correct voltage.

Do not use a power supply whose voltage does not match the equipment.

Please disconnect the power supply when the equipment is not in use or during thunderstorm and storm.

Connection

Please turn off the power switch of all devices before connecting the product to other devices, to prevent equipment failure or damage to other equipment.

Placement

Do not place the device in the following environment to avoid deformation, discoloration, or other more serious damages: direct sunlight, near heaters, dusty, high temperature, high humidity, or locations that may cause strong vibrations or shocks, or close to magnetic fields.

Interference to other devices

There may be interference if the device is placed around other electronic devices. When in use, please keep a proper distance from other electronic devices.

Product care

Only soft and dry cloth can be used to clean this device. Do not use paint thinners, solvents, cleaning fluids, or chemical-soaked cloths. Do not apply excessive force to switches or control buttons. This equipment is best used in the following environments: Temperature: 59 F ~ 95 F, Humidity: <75%

Troubleshooting

Avoid metal or other debris into the equipment, as it may cause failure. If this happens, unplug the power plug. Then the equipment should be inspected by a qualified repairman. Before moving the device, disconnect all power supplies.



MAINTENANCE

Product Main

Careful and good maintenance and production of this product play a very important role in lengthening the service life of the product and decreasing faults.

Avoid heating, damping, or direct sunlight

You shall not have the musical instrument exposed to sunlight in excess, or placed where it is near air conditioner or baking hot

Avoid use near TVs or radios

This musical instrument may cause video or audio interference on TVs and radios. In that case, you should move the musical instrument away from the TV or radio.

You should not use paint, thinner or similar chemicals to clean

This musical instrument may lead to video or audio disturbance on TV sets and radio. In that case, you shall move the musical instrument away from the TV set or radio

You should avoid quake and collision

The product shall be handled with care when removing with strict prohibition of strenuous quake and collision in order not to make outer shell or innerelectronic components damaged.

Avoid using where is easy to be affected by abnormal high and low temperatures

Too high or low temperature may make pictures on LCD screen turn to be gray and hard to be identified. When you have the product under normal temperature, the case will be corrected automatically.

Safety Warning:

This product is electronic and electrical.

The long-term use of the circuit components may cause failures. It is recommended that the safe use period is 2 years.

After the safe use period, please regularly inspect the product. If you find any problems, please do not continue to use it. Cause a safety accident!



TROUBLESHOOTING

Suppose you suspect a malfunction, please read the information first.

Cymbal sound triggered when hitting the kick pad

- If you hear a faint cymbal sound when striking the kick pad:
- Identify which cymbal pad is unintentionally triggering the sound.
 - Enter the Pad Settings menu.
 - Strike the affected cymbal and gradually increase its SEN (Sensitivity) value. Continue adjusting until the cymbal no longer responds when the kick pad is played.
 - If adjusting sensitivity doesn't resolve the issue, increase the THR (Threshold) value for that cymbal.
 - Important: Only adjust the cymbal pad that is producing the unexpected sound. Overly high sensitivity on cymbal pads can result in false triggering due to crosstalk.
 - This issue is usually caused by excessive pad sensitivity or insufficient crosstalk suppression. It can be resolved by adjusting the SEN, THR, or XTALK parameters accordingly.

Cannot turn on the power

- Power switch not on.
- Power supply not connected.
- Bad power supply.
- Improper supply. Power supply must be 9V DC.

No sound/low volume

- Check the volume switch.
- Is the unit properly connected to other devices? Check the connections.
- Are the volume settings and input /output connections correct?
- Could the volume of the connected amplified speaker be lowered? Adjust the volume to an appropriate level. If you are using headphones, are the headphone jack or OUTPUT jack correctly connected?

The timbre is too soft / loud during performance

- Inspect the sensitivity adjustment status.

The output timbre is distorted

- Reduce the volume of the electronic drum sound module. If the connected amplifier is equipped with an input level adjustment function, corresponding adjustments can be made to improve the problem of distorted output timbre.

The sound in the headphones is distorted

- Adjust the volume.
- Are the headphones working properly? Check the headphones by connecting them to other audio devices.

An instance of double - triggering arises.

- Check the bolts of the fixed tom - drum trigger pad.
- Make sure the connecting wires do not touch the trigger pad.
- Use wire ties to help with loose connections.
- Check that the cable is not pulled by the cymbal pad movement.

The external sound source connected to the AUX IN interface does not produce sound

- If the connecting cable you are using contains resistance, the volume will decrease. Please use a cable without resistance.
- Have you used a damaged connecting cable? Please replace the connecting cable.
- Are the volume settings of the connected sound source equipment correct?
- Are the connections and settings of the amplifier or audio system proper?

If you still can't find the information needed to solve the problem, please contact our after - sales staff for assistance.

Aklot

Beatcore Series by Aklot

If there is anything you would like to say to us

contact our brand after-sales: cs@aklot.com
www.aklot.com

