USER MANUAL
Professional Electric Drum kit

Specification:

- Compact, All-in-one Solution
- Built-in MP3 Player/Recorder
- Natural Motion Cymbal Pads and Cymbal Choke Capabilities.
- Natural Response Drum Head with 128 Level Force Velocities
- Sound Generator: 16-bit/44.1 kHz 3D Sound Quality
- 11 Pre-set Drum Kit with up to 4 Variations
- Built-in Reverb Switch
- Headphone Jack
- Stereo Line-in for Portable MP3 Device
- MIDI In/Out
- Built-in Metronome
- A-B Looping Learning Feature
- Fully Adjustable Drum Rack

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Professional Electric Drum kit

PED02M

www.pyleaudio.com

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Include:

5 Drum Pads
2 Cymbal Pads
2 Drum Sticks
1 Hi-Hat Pedal
1 Bass Drum Pedal
1 User Manual
1 Drum Rack
1 Sound Module
1 Instruction VCD
1 100V~240V Auto Switch Power Adapter
9 Cables
Drum Lock

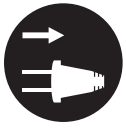
Operation Warning

Instruction for Prevention of Fire, Electric Shock, & Physical Injury

About Warning & Caution Signs:

⚠WARNING	This sign indicates the risk of serious physical injury and even death. Please operate the machine according to instructions.
⚠CAUTION	This sign indicates the risk of serious physical injury and even death. Please operate the machine according to instructions. *Object damage refers to any harm or adverse effects to household,

About Signs

	This sign indicates a warning or caution. Please read the accompanied instruction to prevent any dangers.
	This sign indicates any forbidden activity.
	This sign indicates an instructional procedure for users to follow with.

Always follow the instructions as described below

⚠WARNING

Please read the following instruction before operation.

Do not open or, in any way, modify the machine or adapter.

Do not attempt to repair the machine, or replace any internal parts by yourself, unless instructed to do so by the manual. In case of technical need, please contact with your retailer, or customer service, or any recognized retailers printed on the information page.

Do not store or operate the machine under the following described conditions:

- Near areas with extreme temperature. (For example, in the car under the sun, near a heat venting pipe, and etc.)
- In very humid environments. (For example, in the bathroom, in the toilet, on wet floor, and etc.)
- Exposing to rain.
- In the sand.
- In shaking & unstable environments.

Operate the machine with our recommended support stands and accessories only.

For proper operation, make sure that the support stands are placed on flat and stable ground in order to support the machine safely and stably.

Use only the included adapter. Make sure that the voltage of the socket matches the voltage indicated on your adapter to prevent damage or electric shock.

Please do not over-twist or over-bend the power cable, or place any objects on it. Doing so may result in short-circuit that can lead to fire and electric shock.

Please do not operate the machine with high volume over a long period of time regardless of using an amplifier or a headphone, to prevent damage to your hearing. Should any hearing discomfort results, stop using the machine and consult a hearing doctor.

⚠WARNING

Prevent letting any object like coins or pins, or any liquid slip inside the machine.

Should any of the following situations result, please stop operation and remove the adapter from the socket, and consult with your retailer, the nearest customer service, or any of the recognized retailers listed on the information page:

- The adapter or the power cable is damaged.
- An object, or liquid has slipped into the interior of the machine.
- The machine has been exposed in rain, or has got wet.
- The machine is not operating or is operating with noticeable problems.

If there were children in the household, the adults should be responsible of teaching the children to follow the safety precautions explained in the manual.

Do not share the power supply with too many adapters at the same time. When using an extension power supply, please make sure that the total power usage does not exceed the limit stated on the extension power supply. Doing so may result in melting of the cables and fire.

When using the machine in other countries, please consult your retailer, the nearest customer service, or any of the recognized retailers listed on the information page.

⚠CAUTION

Always place the machine and the adapter in areas with good airflow.

When inserting or removing the power cable into/from the socket or the machine, always grab the plug instead of the cable.

If you plan not to operate the machine for a long period of time, please remove the adapter from

To prevent the cables from tangling, place the cables out of reach of children.

⚠CAUTION

Do not place heavy objects on the machine.

When moving the machine, or during insertion/removal of the plug, always use dry hands.

Please remove all the connected cables first before moving the machine.

Please turn off the power and remove the adapter from the socket before cleaning the machine.

When there is a risk of lightning strike, please remove the adapter from the socket.

Precautions

Please read the following precautions aside from the safety instructions printed on page 1 & 2"

Power Supply

- Do not share the power supply with other electronics that can produce cable statics, for example, electric motors.
- It is normal for direct current (DC) to produce heat with extended usage, and there is no need to be worried.
- Before connecting the machine to other equipments, always turn off the power to prevent damage.

Placement/Location

- Operating the machine near a post-amplifier or machines that use high-power converters, buzzing may result. To prevent this problem, please change the machine's facing direction, or place the machine away from the interrupting sources.
- This machine may interfere with the radios and televisions. Please do not operate the machines near them.
- Do not place the machine under sun, or near any heat source, as high temperature may cause the machine to deform or discolor.
- To prevent permanent damage, please do not expose the machine to moist or in humid environments.

Maintenance

- For normal cleaning, please use soft cloth with little or no moist for wiping. For tougher spots, use neutral-pH and wear-free cleaner then use dry soft cloth to wipe clean.
- Never use volatile oil, diluting solutions, alcohol, or any other kinds of solvents to prevent the machine from deforming or discoloring.

Additional Precautions

- The SD memory can be permanently lost due to damage to the machine, or improper operation. To prevent losing important data, we recommend that you back up the data in the SD memory card regularly.

- Once lost, there is no way to retrieve the data from your SD memory card or from your other MIDI equipments like a sequencer. We not responsible for such loss.

- During operation, please handle with care to prevent any damage.

- Do not hit or press against the display screen.

- Always grab the heads of cables during insertion/removal to prevent damage to the cables or the machine.

- To prevent disturbing your neighbors, please operate the machine at an acceptable volume, or use a headphone, especially at nights.

- Although the machine is designed to minimize unwanted noise during operation, the percussive sound may still pass through the floor or walls, resulting in unexpected noise. Please be careful not to let such sound disturb your neighbors, especially at nights.

- When transporting the machine, please use the original or similar stuffing and box.

- Please use cables for connection. When using cables from other companies, please note the following:

  Some cables may consist of resistors, which may be incompatible and result in extremely low volume. For information about the specifications of cables, please consult with the manufacturers.

- Please do not hit the pads with excessive force to prevent the risk of hurting your fingers.

Manual Summary

Preface

This manual includes all the operational knowledge and precautions. With the help of this manual, users are able to understand the software and hardware of this machine, and enjoy making use of it according to their needs.

Chapter Summary

Hardware Introduction

This section of the manual explains the basic operation of the machine. It introduces all the ports, power, sound output/input, MIDI, and volume controls with clear illustrations. With the manual, users are able to assemble the machine and start operating it with ease in no time!

Parts

This section introduces all the parts of the machine like PAD, CRASH, BASS, and PEDAL, and illustrates the correct placement and connection of each part.

It also explains the correct usage of CRASH and HI-HAT CLOSE, and how to imitate actual drum set, allowing users to have a realistic playing experience.

Advance Learning

This machine has many choices of built-in drum and percussion sounds, metronome, and mp3 player. The SD memory card can be used for saving your settings. This section of the manual explains the display screen on the machine, the functions of the buttons, and step-by-step operational instructions with illustrations. Users are able to have a clear understanding about how to operate the machine from the instructions and diagrams.

Sound Module Features

Recording Feature

Users can play a rhythm and record the rhythm in the SD memory card as mp3, and share with others via a computer, or make use of any music production software to record their own songs.

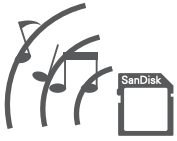
Using the recording feature, users can play back the rhythm that they record, and then study the rhythm and sounds they have played to improve the learning experience.

A→B Loop Feature

Users may set A and B points as the starting and ending points in mp3, and play it as a loop.

The A-B loop feature allows users to practice a section of a rhythm over and over to enhance the learning. Such loop feature can also be used on rhythms that users record themselves.

Mp3 Player Feature



This feature allows users to play back mp3s, and practice playing along their favorite songs. Imported mp3s can be stored in the SD memory card.

Users may also record the rhythms they play as mp3s and save them in the SD memory card.

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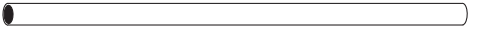
Parts

Please make sure that you have all the necessary parts before assembly

Support Stands

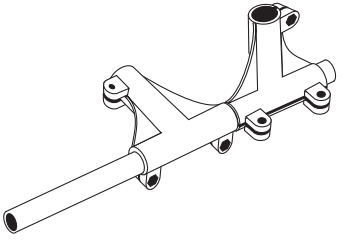
A1

22.5x800 (mm) main support bar x 5



A2

22.5x400 (mm) floor bar with double T-shape locks x 2



A3

12.7x200 (mm) locking bar x 2

(Short)

A4

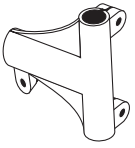
12.7x400 (mm) locking bar x 5

(Long)

Connectors

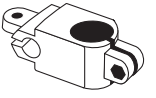
B1

T-shape connector x 4



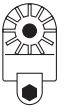
B2

Connector Type A x 7



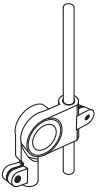
B3

Connector Type B x 5



B4

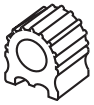
Adjustable Bar x 2



NOTE Not including the 4 T-shape locks on the floor bars

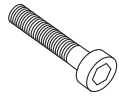
Parts

Y1 Floor pad x 4



Y2 Nuts x 42
Spare(2)

Y3 Bolts x 42
Spare(2)

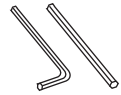


Y4 22.5mm stopper x 2

Y5 U-shape plate x 1

Y6 Screws x 2

Y7 Drivers x 2

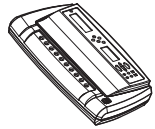


Spare Parts

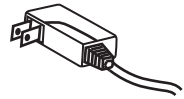
Z1 Pad x 5

Z2 Crash x 2

Z3 Sound module x1



Z4 Adapter x 1

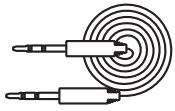


Z5 Drum stick x 1 set

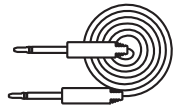
Z6 Demonstration DVD x 1

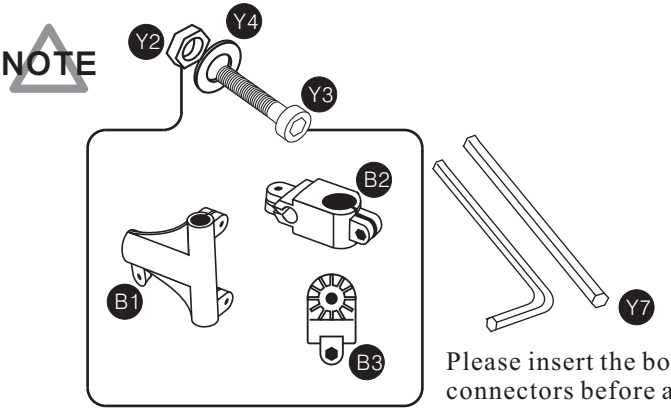
Z7 Pedal x 2

Z8 Stereo sound cable (1m) x 2
(BLUE)



Z9 Mono sound cable (1m) x 7



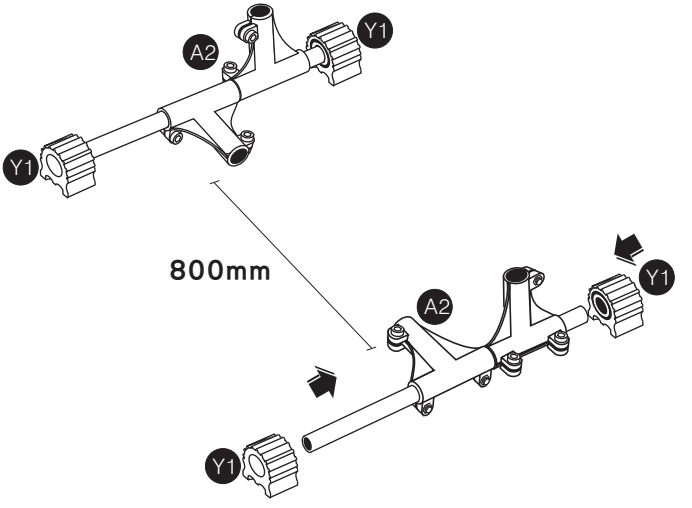


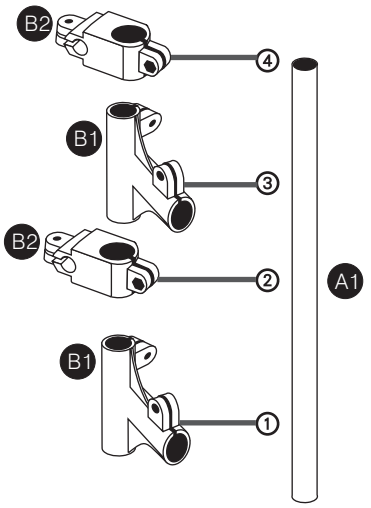
Please insert the bolts and nuts to connectors before assembly.

Support Stands

Step 1

Assemble the floor pads onto either side of the two floor bars with double T-shape locks, and place the bars parallel to each other, with a distance equal to the length of the main support bar. Adjust the facing direction of the T-shape locks as according to the diagram.

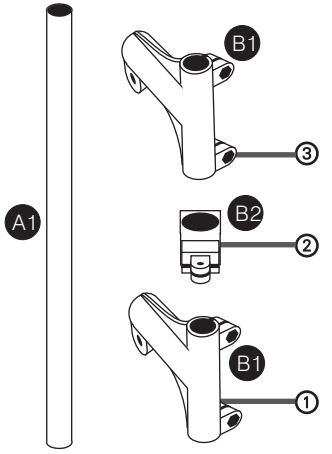


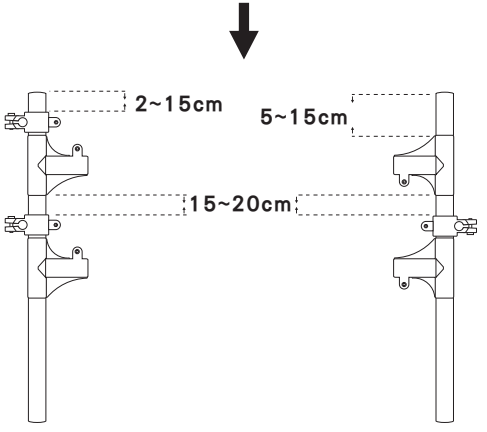


Step 2

Assemble the T-shape connectors and connector A(s) onto the main support bars. The main support bar on the left should have two T-shape connectors and two connector A(s) as according to the illustration on the left. These two connector A(s) are for Hi-Hat and Snare.

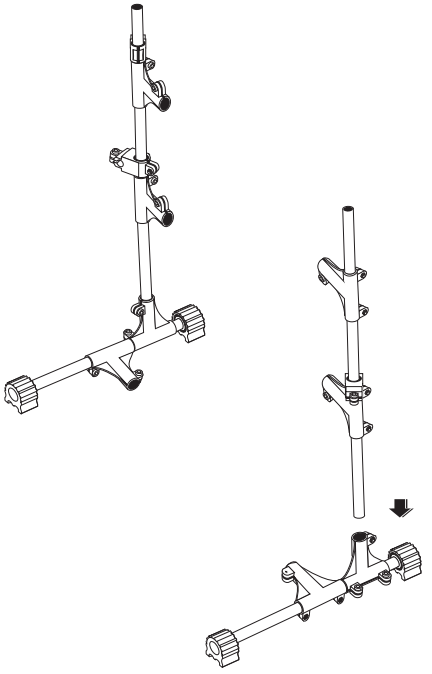
The main support bar on the right should have two T-shape connectors and one connector A(s) as according to the illustration on the right. This connector A(s) are for Tom3.





NOTE

Adjust the heights of all four T-shape connectors so that they match on either main support bar.

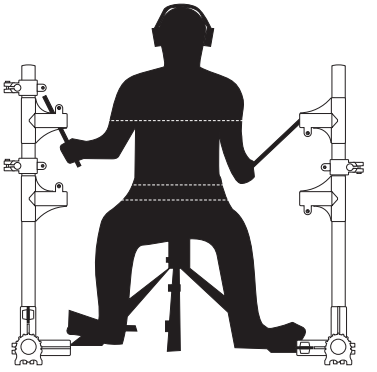


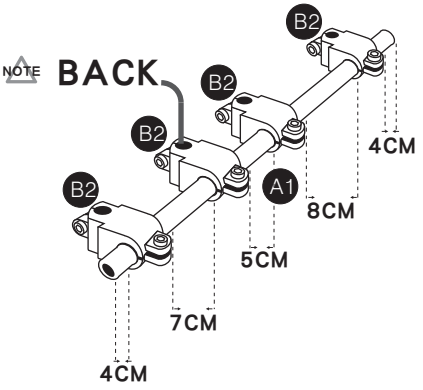
Step 3

Insert the assembled main support bars (from Step 2) into the T-shape locks on the assembled floor bars (from Step 1). Adjust as necessary to make sure that the main support bars are perpendicular to the floor bars.

NOTE

With the chair that you will be using, you should sit on the chair and adjust the heights of the T-shape connectors according to your chest and knee heights. The lower T-shape connectors on the main support bars should match the height of your knees, while the upper T-shape connectors on the main bars should match that of your chest.





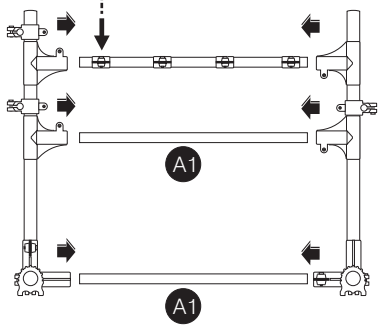
Step 4

The remaining three main support bars are for connection between the 4 T-shape connectors on the main support bars and the 2 T-shape locks on the floor bars, with the upper one assembled with 4 connector A(s). These 4 connector A(s) will be used for two Pads and two Cymbal. Please assemble the 4 connector A(s) to the upper main support bar first.

NOTE Please check the direction to which the 4 connector A(s) are facing. They should face the rear as illustrated.

NOTE Please check the spacing of the 4 connector A(s) as illustrated.

Step 5

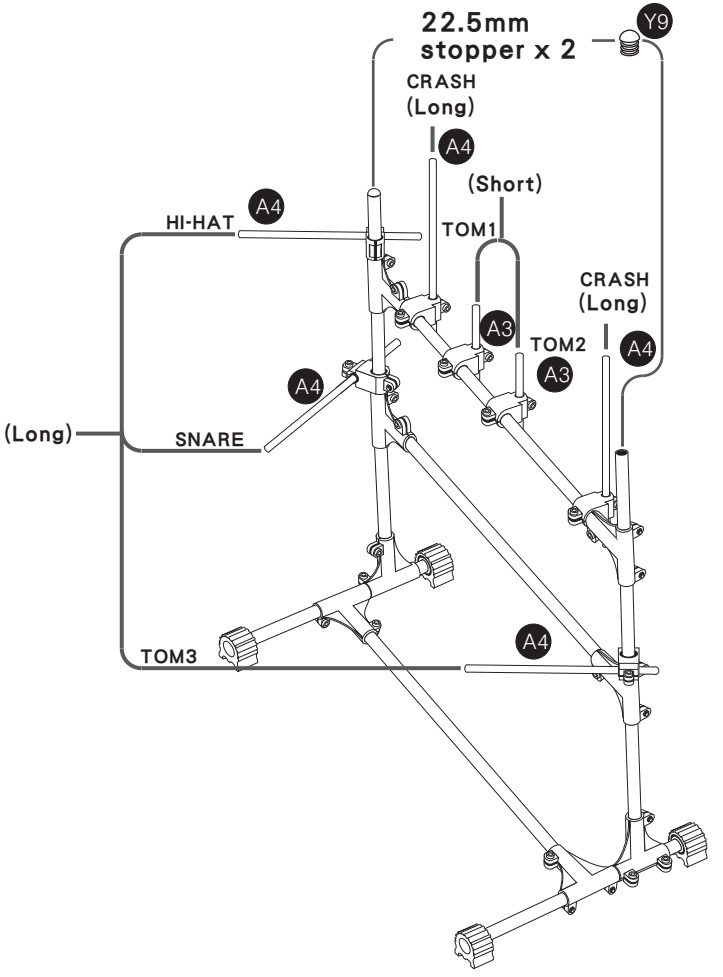


Assemble the main support bars as illustrated and tighten the bolts and nuts.

Step 6

Insert the long and short locking bars, and stoppers as illustrated to complete the support structure.

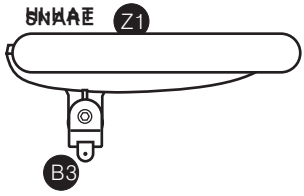
Finished Diagram of Support Structure



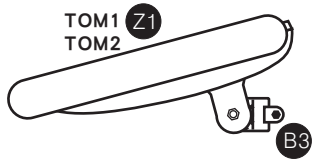
Accessories

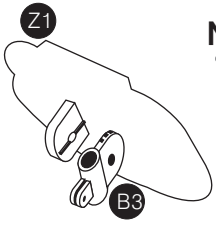
PAD

Assemble the Pads (Hi-Hat Snare and Tom 3) and connector B(s) as illustrated.

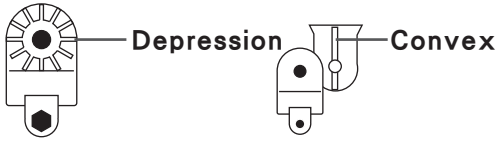


Tilt the Tom 1 and Tom 2 for smoother playing.

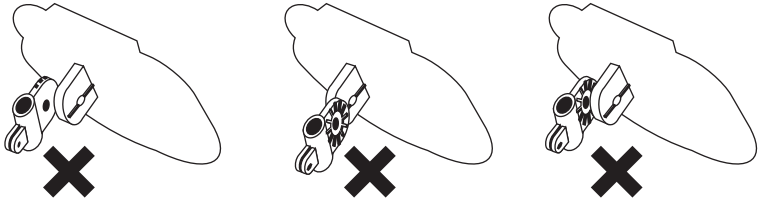




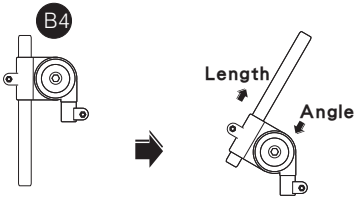
NOTE When assembling the Pads and connector B(s), match the depressed side of connector B(s) with the protruding side of Pads.



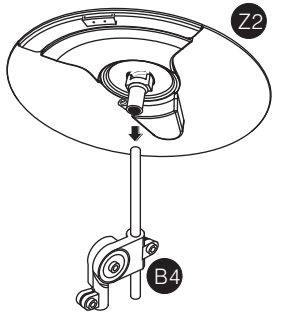
NOTE Below are examples of wrong assembly.



Crash

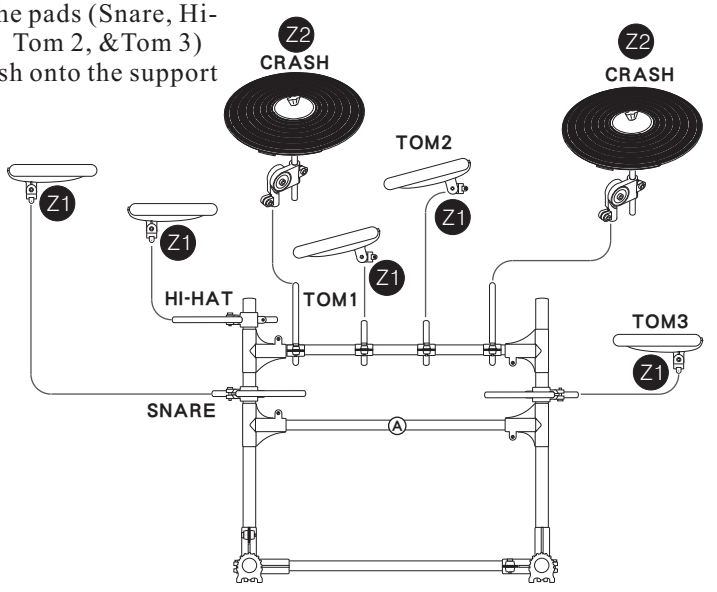


Adjust the angle and length of the adjustable bar by first loosening the screw a bit.

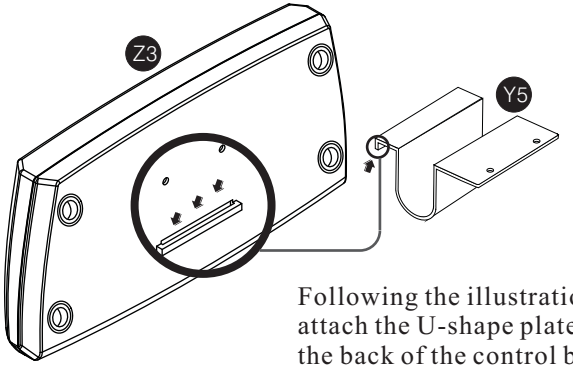


Attach the Crash to the adjustable bar and adjust the screw on the Crash to proper tightness.

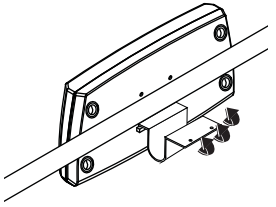
Assemble the pads (Snare, Hi-Hat, Tom 1, Tom 2, &Tom 3) and the Crash onto the support structure.



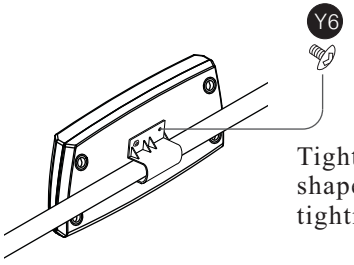
Control Box



Following the illustration, attach the U-shape plate onto the back of the control box.

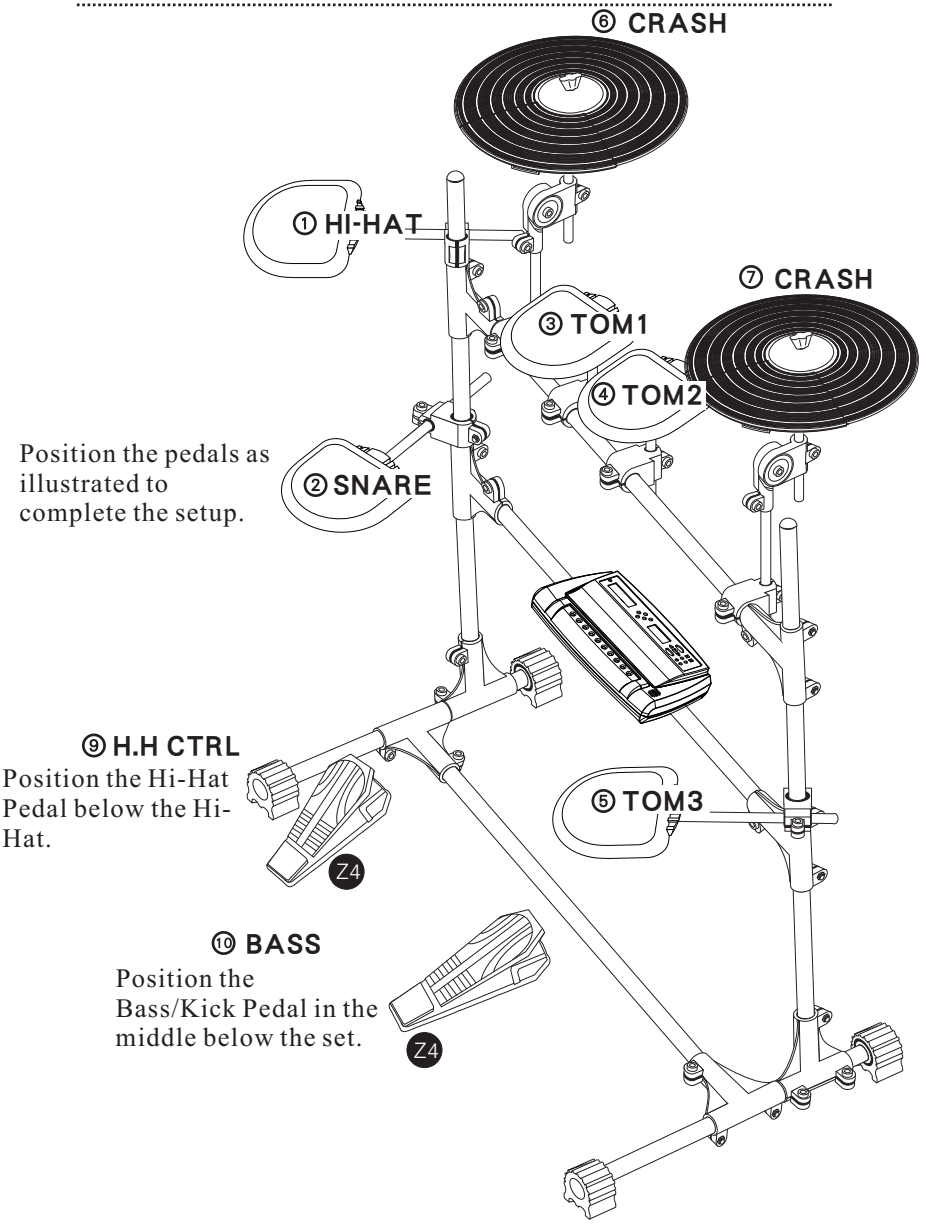


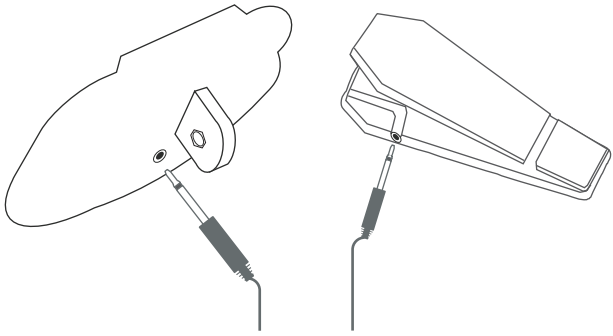
Position the box onto the second main support bar (labeled as Ⓐ on the previous page), and fold the U-shape plate upwards around the bar.



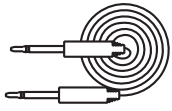
Tighten the screws for the U-shape plate to a suitable tightness.

Finished Diagram



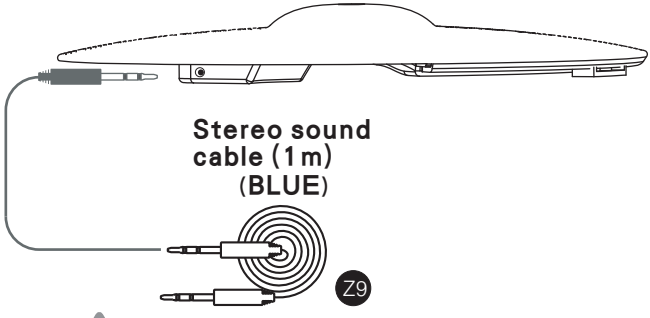


Mono sound cable (1m)



Z8

NOTE For Pad and Pedal must to use the mono sound cable(Black).

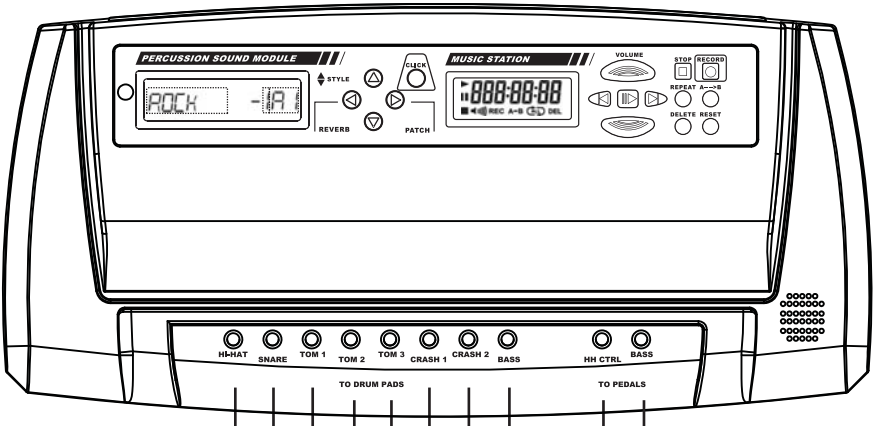


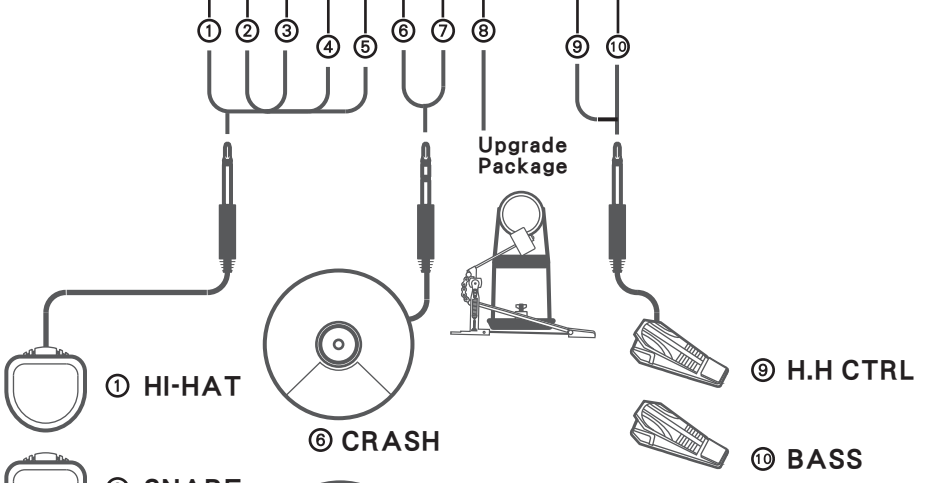
Stereo sound cable (1m) (BLUE)

Z9

NOTE For Crash must to use the mono sound cable(Blue).

Accessories Introduction





Using the diagram on the previous page and the one on this page as a guide, connect the cables to the Control Box.

NOTE For Crash, use the stereo sound cable (two parallel black lines at the tip) for connection, as illustrated by⑥⑦.

① HI-HAT

② SNARE

③ High Tom

④ Middle Tom

⑤ Floor Tom

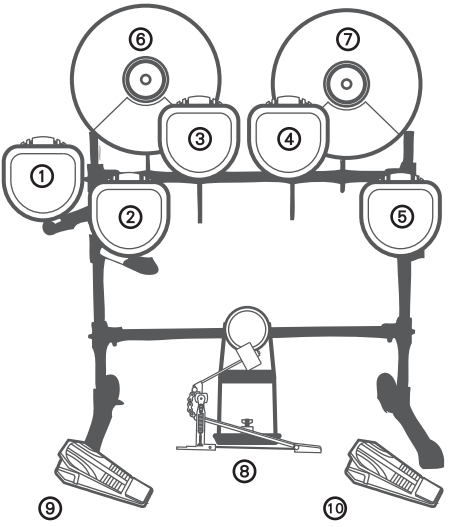
⑥ Crash (Left)

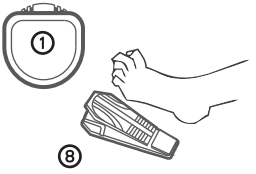
⑦ Crash (Right)

⑧ Bass Drum/Kick Drum
(Upgrade Package)

⑨ Hi-Hat Pedal

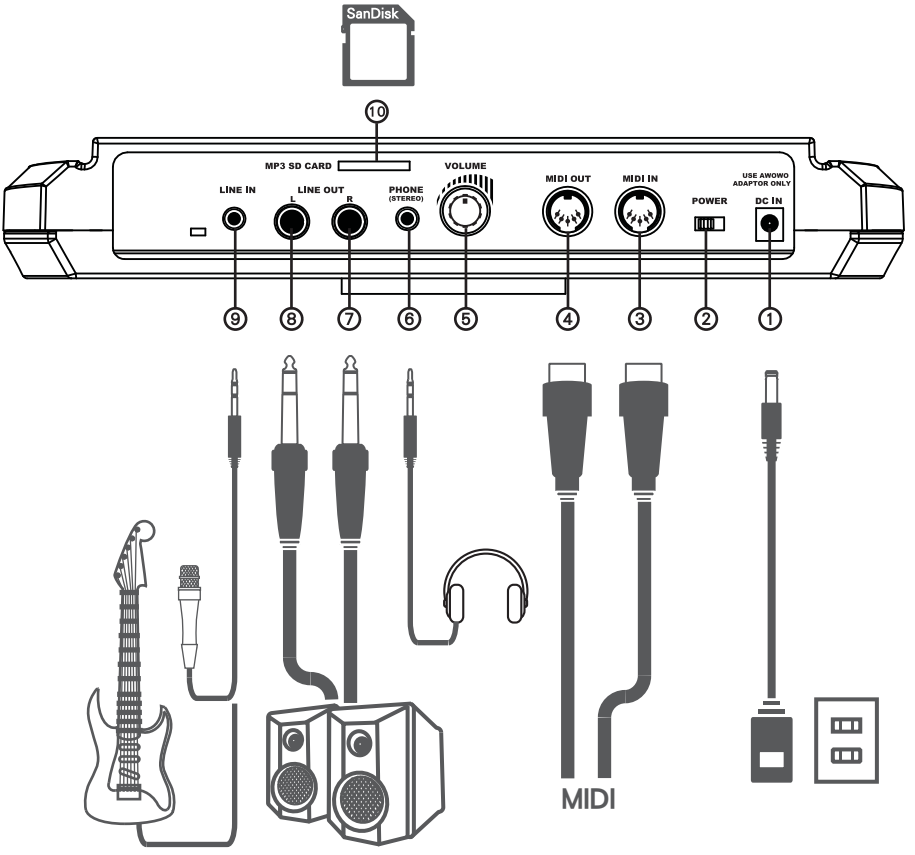
⑩ Bass/Kick Pedal





Hi-Hat Pad (Labeled as ①) and Hi-Hat Pedal (Labeled as ⑨) correspond to each other as open and close Hi-Hat, simulating realistic Hi-Hat playing.

After hitting the Crash (Labeled as ⑥ & ⑦), you can grab the rim as illustrated to p roduce realistic muted crash sound.



About MIDI

MIDI (Musical Instrument Digital Interface) is an industry-standard protocol that enables electronic musical instruments, computers, and other equipment to communicate, control, and synchronize with each other. MIDI allows computers, synthesizers, MIDI controllers, sound cards, samplers and drum machines to control one another, and to exchange system data.

① **DC IN**

For connection of the adapter.

② **POWER**

Switch power on/off.

③ **MIDI IN**

④ **MIDI OUT**

For transmitting MIDI data.

⑤ **VOLUME**

For adjusting the volume.

⑥ **PHONE**

For connection of a headphone.

⑦ **LINE OUT R**

⑧ **LINE OUT L**

For connection of speakers or amplifiers.

⑨ **LINE IN**

For connection of a sound input source like a CD player, MD player, or Mp3 player. The sound is directed to both Phone and Line Out.

⑩ **MP3 SD CARD**

SD Memory Card that contains mp3s cab ne inserted here. The sound is directed to both Phone and Line Out.

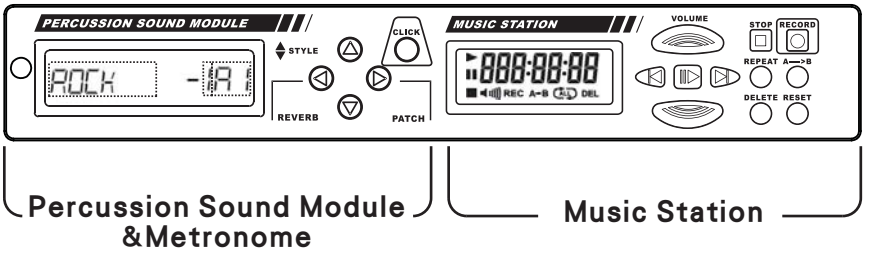
NOTE Files in the SD Memory may not exceed 2GB.

NOTE

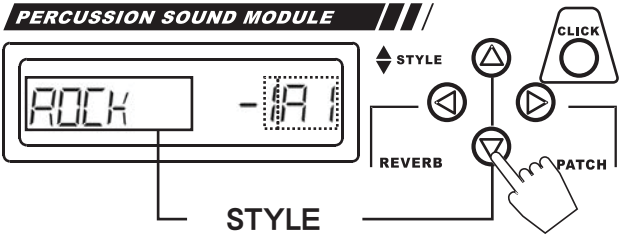
To prevent damage to speakers, always turn down the volume before inserting or removing sound cables.

NOTE

To prevent damage to the SD memory card and loss of files, always shut off the main power before inserting or removing the SD memory card.



PERCUSSION SOUND MODULE

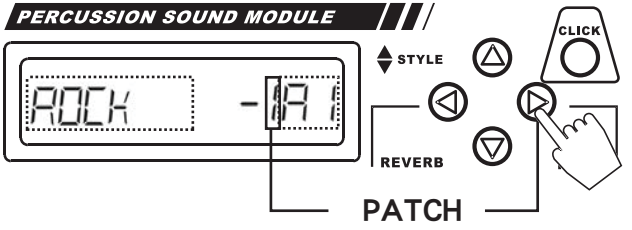


Available Styles :

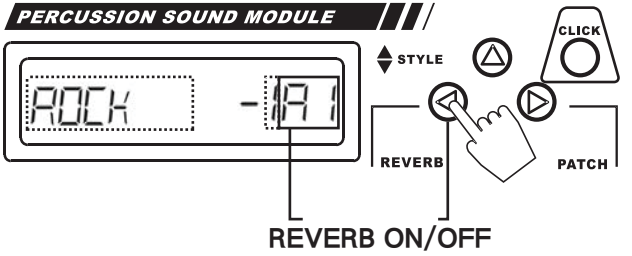
ROCK	TECHO
JAZZ	MARCH
METAL	LATIN
BLUES	TIMBALE
POWER	FUSION

With different style of music selected, users may select different percussion sounds.

P.S. Sound selection can be operated as illustrated below.



After choosing the style, this button allows users to choose different sounds.

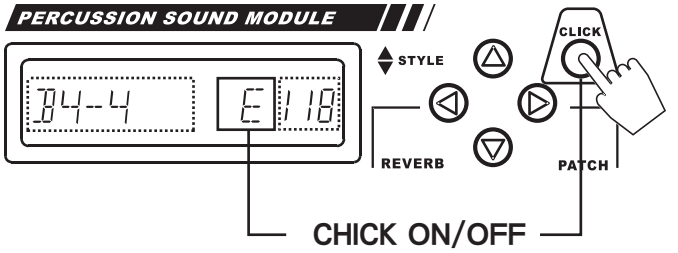


This button can be used to turn reverb on/off.

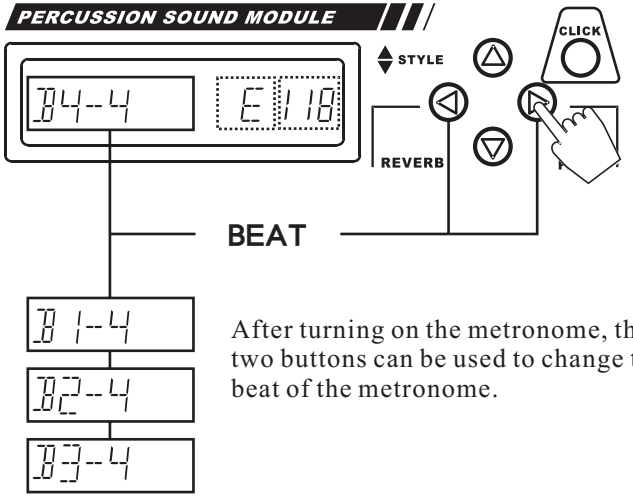
Styles & Sounds List

TYPE / POSTION		1	2	3	4	5	6	7	8
ROCK	1	HI-HAT	SNARE	TOM1	TOM2	TOM3	CRASH	CRASH	BASS
	2	HI-HAT	SNARE	TOM1	TOM2	TOM3	CRASH	RIDE	BASS
	3	HI-HAT	SNARE	TOM1	TOM2	TOM3	SIDE STICK	RIDO CYMBAL	BASS
	4	HI-HAT	SNARE	TOM1	TOM2	TOM3	CRASH	CHINESE	COW BELL
JAZZ	1	HI-HAT	SNARE	TOM1	TOM2	TOM3	CRASH	CRASH	BASS
	2	HI-HAT	SNARE	TOM1	TOM2	TOM3	CRASH	RIDE	BASS
	3	HI-HAT	SNARE	TOM1	TOM2	SIDE STICK	CRASH	RIDO CYMBAL	BASS
	4	HI-HAT	SNARE	TOM1	TOM2	TOM3	CRASH	CHINESE	COW BELL
METAL	1	HI-HAT	SNARE	TOM1	TOM2	TOM3	CRASH	CRASH	BASS
	2	HI-HAT	SNARE	TOM1	TOM2	TOM3	CRASH	RIDE	BASS
	3	HI-HAT	SNARE	TOM1	TOM2	SIDE STICK	CRASH	RIDO CYMBAL	BASS
	4	HI-HAT	SNARE	TOM1	TOM2	TOM3	CRASH	RIDE	COW BELL
BLUES	1	HI-HAT	SNARE	TOM1	TOM2	TOM3	CRASH	CRASH	BASS
	2	HI-HAT	SNARE	TOM1	TOM2	TOM3	CRASH	RIDE	BASS
	3	HI-HAT	SNARE	TOM1	TOM2	STICK	CRASH	RIDO CYMBAL	BASS
	4	HI-HAT	SNARE	TOM1	TOM2	TOM3	CRASH	CHINESE	COW BELL
POWER	1	HI-HAT	SNARE	TOM1	TOM2	TOM3	CRASH	CRASH	BASS
	2	HI-HAT	SNARE	TOM1	TOM2	TOM3	CRASH	RIDE	BASS
	3	HI-HAT	SNARE	TOM1	TOM2	SIDE STICK	CRASH	RIDO CYMBAL	BASS
	4	HI-HAT	SNARE	TOM1	TOM2	TOM3	CRASH	CHINESE	COW BELL
TECHNO	1	HI-HAT	SNARE	TOM1	TOM2	TOM3	SCRAPE	CRASH	BASS
MARCH	2	HI-HAT	SNARE	TOM1	TOM2	TOM3	CRASH	CRASH	BASS
LATIN	1	HI-HAT	LOW CONGA	OPEN HIGH CONGA	FLOOR CONGA	SIDE CONGA	HIGH WOOD BLOCK	COW BELL	BASS
	2	HI-HAT	LOW CONGA	OPEN HIGH CONGA	FLOOR CONGA	HIGH WOOD BLOCK	CRASH	RIDE	CRASH
	3	HI-HAT	LOW CONGA	OPEN HIGH CONGA	FLOOR CONGA	COW BELL	CRASH	RIDE CYMBAL	BASS
TAIKO		HI-HAT	SNARE	TOM1	TOM2	TOM3	SPLASH CYMBAL	CRASH	BASS
TIMBALE	1	HI-HAT	SNARE	TOM1	CRASH	TOM3	SPLASH CYMBAL	CRASH	BASS
	2	HI-HAT	SIDE STICK	HIGH TIMBALE	TOM2	COW BELL	CRASH	CRASH	BASS
FUSION	1	HI-HAT	SNARE	TOM1	CRASH	TOM3	CRASH	COW BELL	BASS
	2	HI-HAT	SNARE	TOM1	TOM2	TOM3	CRASH	RIDE	BASS
	3	HI-HAT	SNARE	TOM1	TOM2	SIDE STICK	CRASH	RIDO CYMBAL	BASS
	4	HI-HAT	SNARE	TOM1	TOM2	TOM3	CRASH	CHINESE	COW BELL

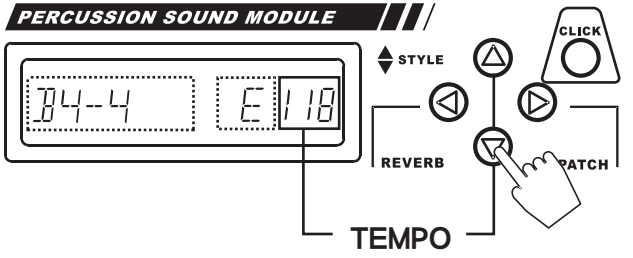
METRONOME



This button allows users to switch the metronome on/off.

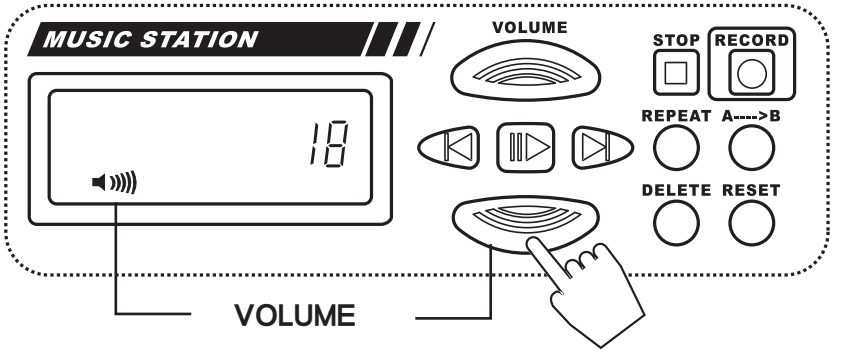


After turning on the metronome, these two buttons can be used to change the beat of the metronome.

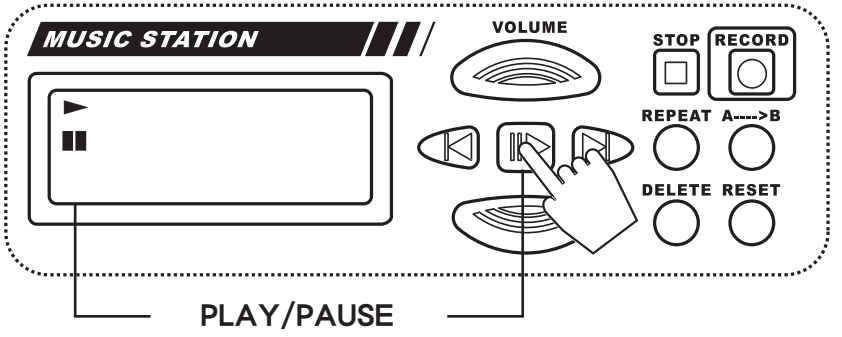


These two buttons are be used to adjust the tempo of the metronome. The metronome is ideal to help users develop stable rhythm sense, and for practicing.

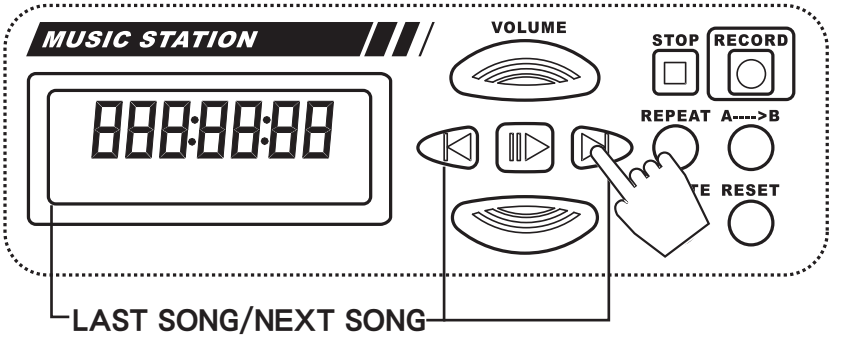
Music Station



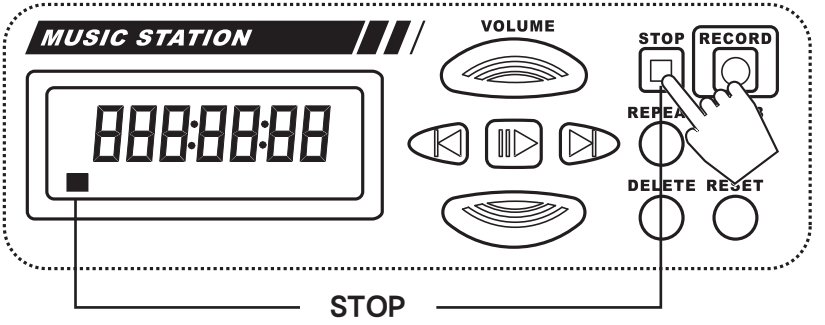
The volume buttons allow users to adjust the volume. The screen will display the volume in digits as a guide.



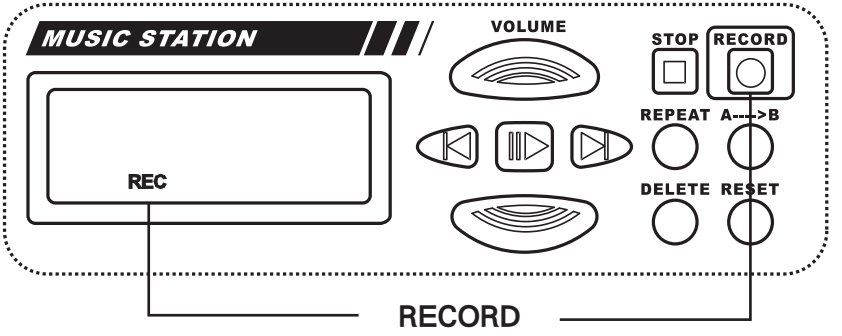
The play/Pause button is used to start playing or pausing the music.

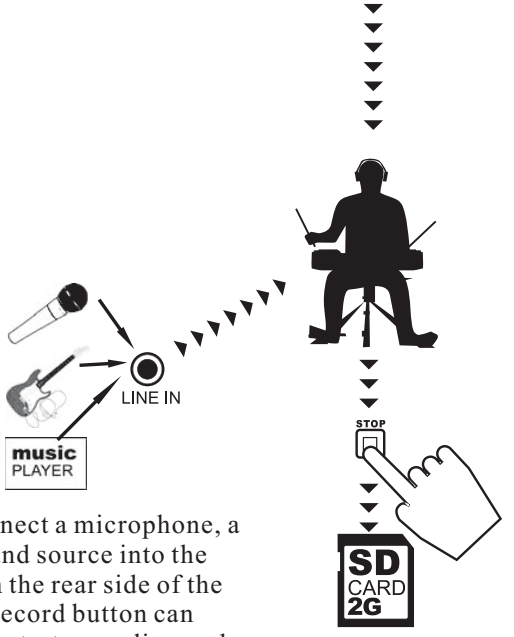


The previous song button allows users to jump to the previous song.
The next song button allows users to jump to the next song.



The stop button is used to stop playing the music.

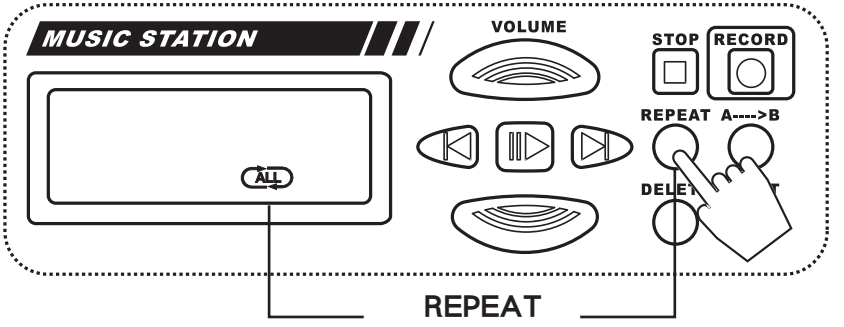




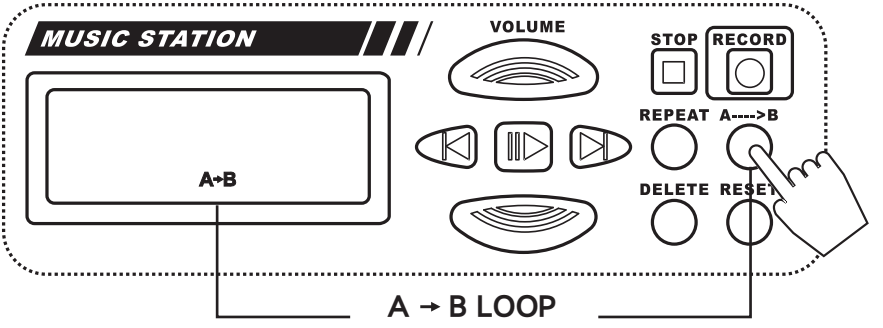
Users may connect a microphone, a guitar, or a sound source into the Line In jack on the rear side of the console. The record button can then be used to start recording and saving the playing/sound source as mp3 inside the SD memory card.

NOTE Files in the SD memory card may not exceed 2GB.

The recording finishes and stores into mp3 file

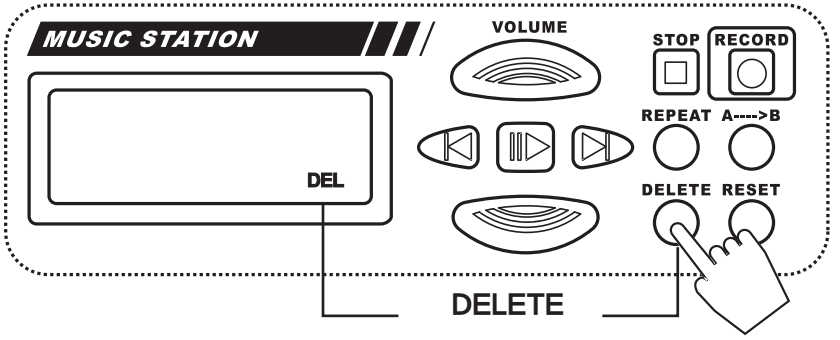


The repeat button allows users to repeat one song or all the songs.

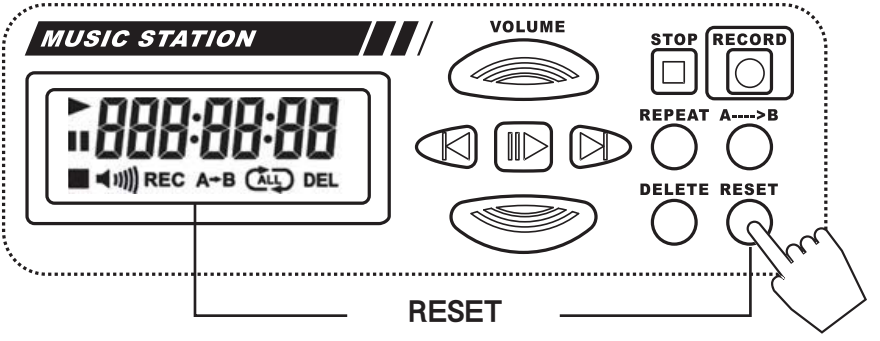


For setting the A & B points for looping.

To set a loop, first select an mp3 and start playing the song. Press the A-B Loop button as the music proceeds to a point that you want to set as the A point, then press the button again when the music reaches the point that you want to set as the B point. After both points are set, press the repeat button to start playing the loop that you have just set.



The delete button will erase the file in the SD memory card. Confirmation will be required.



The reset button will reset the console and turn the console back to how it was originally.