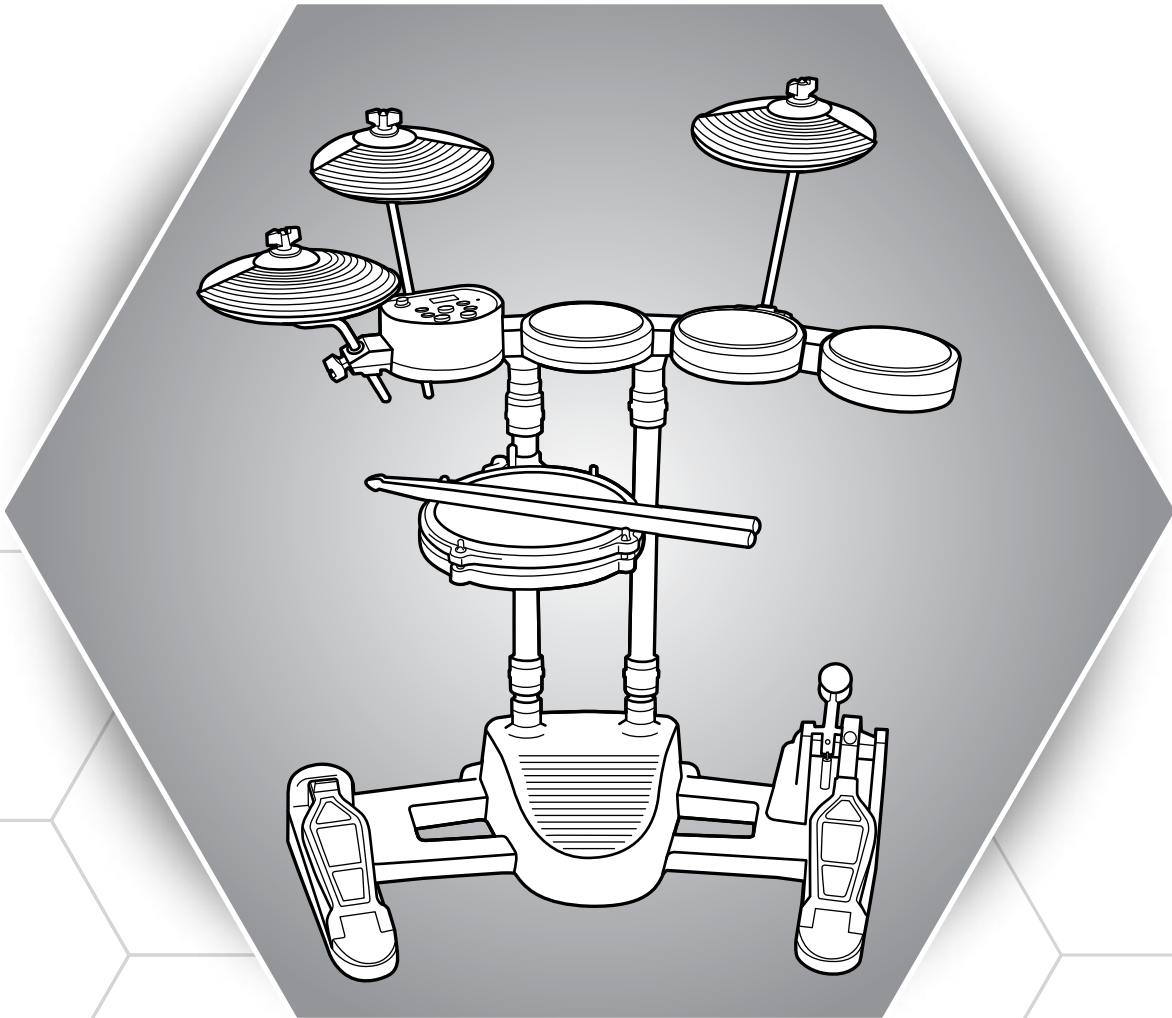


SIMMONS[®]

The first name in electronic drums.

SD XPRESS

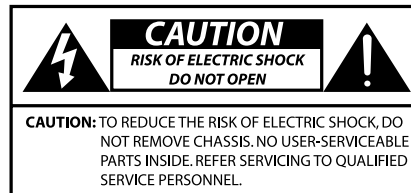


Compact Electronic Drum Kit

OWNER'S MANUAL

www.simmonsdrums.net

SAFETY INSTRUCTIONS



AVIS: RISQUE DE CHOC ELECTRIQUE-NE PAS OUVRIR.



THE LIGHTNING FLASH WITH ARROWHEAD SYMBOL WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UNINSULATED DANGEROUS VOLTAGE WITHIN THE PRODUCT'S ENCLOSURE THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.



THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE(SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE PRODUCT.



APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near the heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety, if the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.

- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over (Figure 1).



Figure 1

- 13) Unplug this apparatus during lightning storms or when unused for a long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

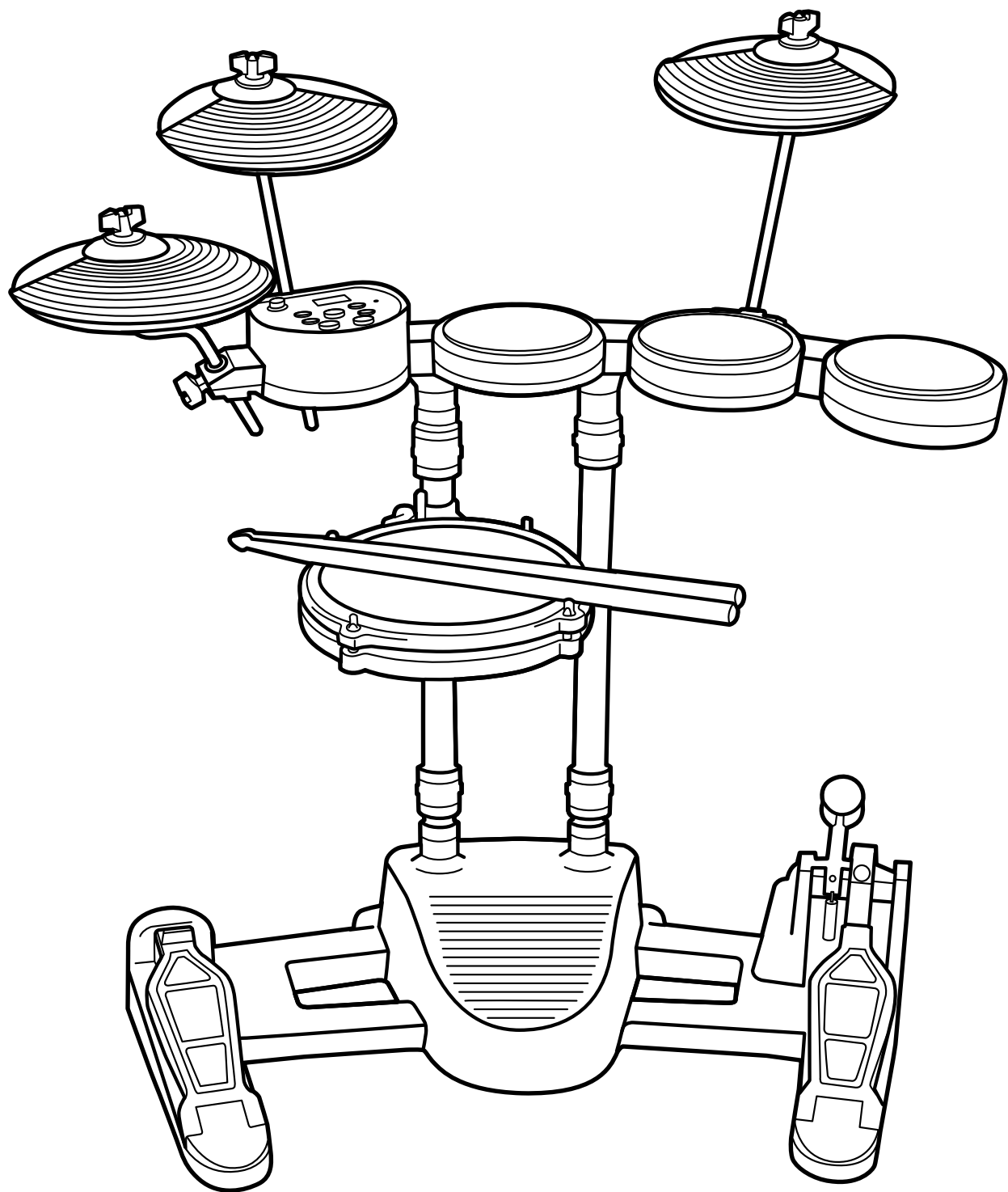
WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. **CAUTION:** Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

CAUTION: Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

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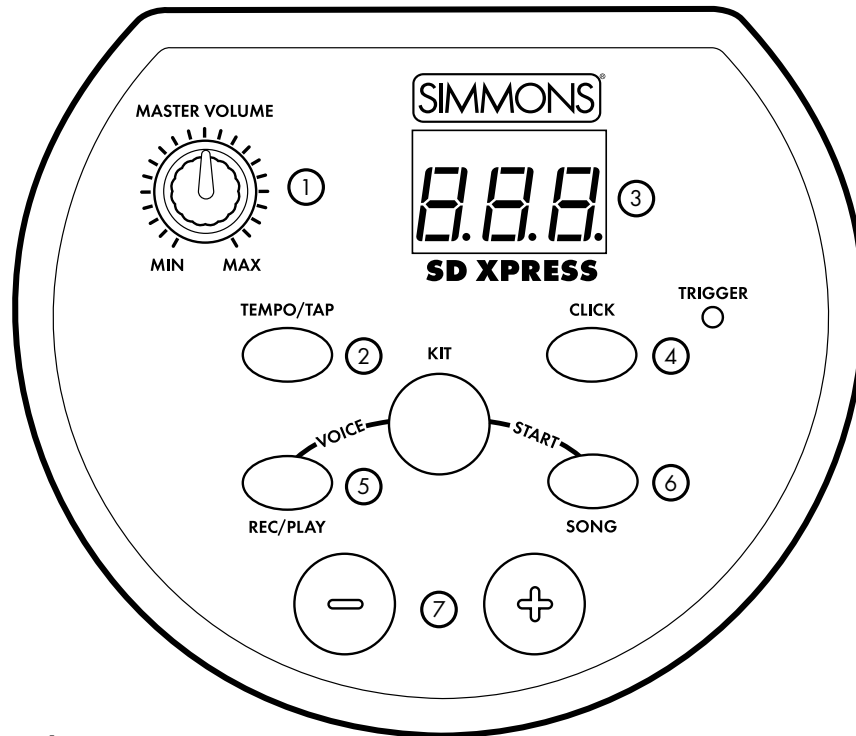
| | |
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ASSEMBLED KIT



PANEL CONTROLS

Top Panel



① **Master Volume Control**

Adjusts the overall volume of the drum module.

② **[TEMPO/TAP] Button**

Adjusts the tempo of the built-in metronome, the practice songs, or the song you are recording. You can also set the tempo by tapping this button repeatedly.

③ **[KIT] LED Display**

Takes you to the mode where you are able to select which instrument (drum sound) is played by each pad and adjust its volume.

④ **[CLICK] Button**

Turns the metronome on and off at any time. It's also used to change the click settings such as time signature and click volume.

⑤ **[REC/PLAY] Button**

Gives you the option to record or play back your own performance.

⑥ **[SONG] Button**

Enters the song select display. You can turn off the percussion track of the song, and adjust the song's volume (percussion track and accompaniment track).

⑦ **[+]/[-] Buttons**

Use these buttons to navigate through the 10 drum kits, switch menu selections, or change parameter values.

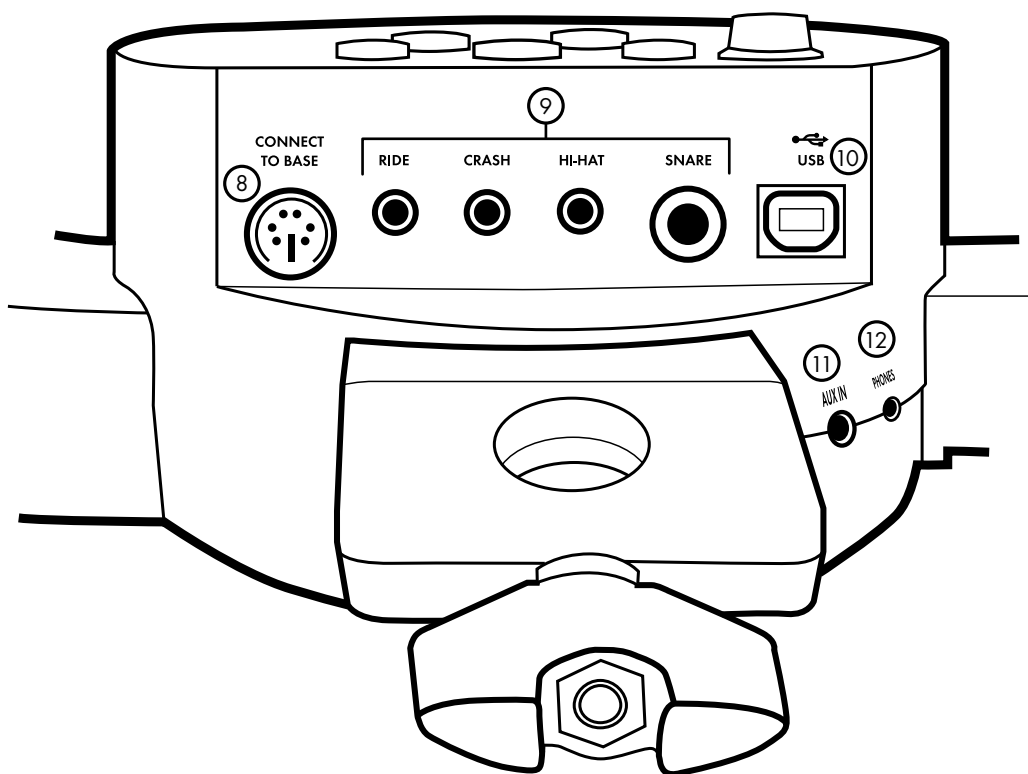
LED Display

The LED indicates the SONG, PAD or KIT status. When SONG is selected, the song number appears in the display. When PAD is selected, the pad name such as Snare, Crash, and Tom, etc. will appear. Press the KIT button and the drum kit number will be displayed on the LED.



PANEL CONTROLS

Rear Panel



8 Base Connector

Control cable connects the top part of pads and sound module to the base pedals.

9 Trigger Input Jacks

These jacks are used to connect the pads to the module. (RIDE, CRASH, HI-HAT, SNARE)

10 USB

Connect to a computer for two-way MIDI communication. This will enable a software program to trigger the drum module sounds, or allow you to use the module as a MIDI trigger interface for the software's virtual drum instruments.

11 AUX IN

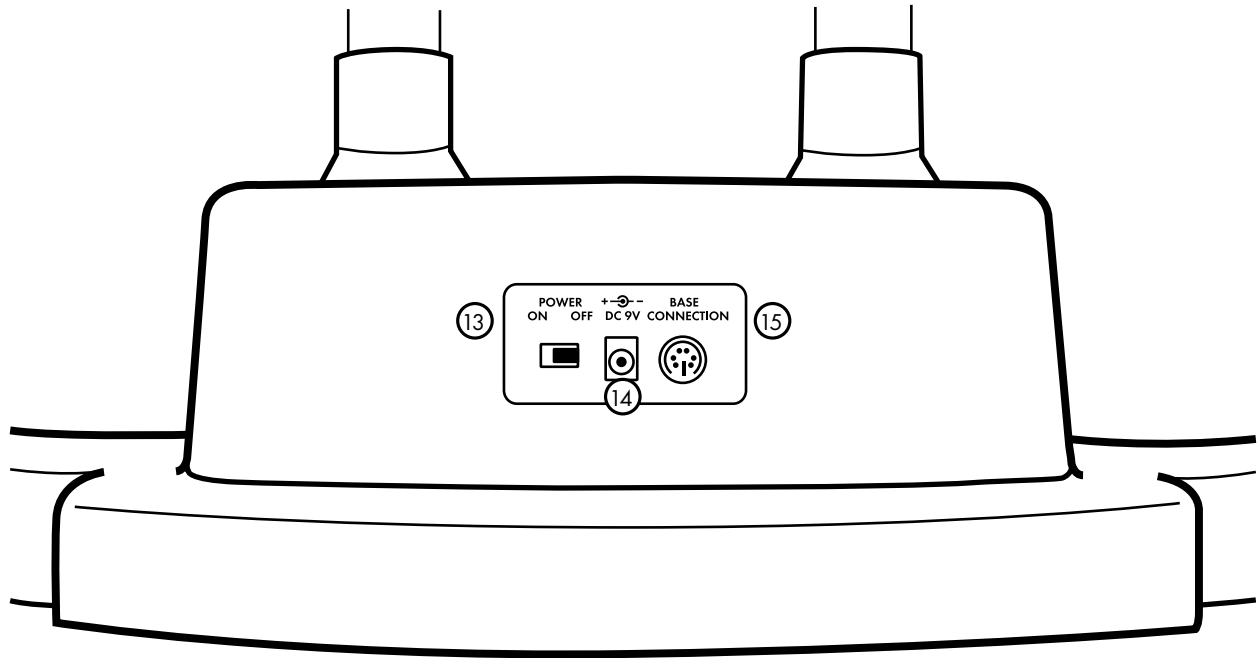
You can connect the output of an external audio device, to this jack (stereo 3.5mm mini jack). This is convenient for playing along with music from a CD or mp3 player.

12 Phones

Plug in a pair of stereo headphones here. (stereo 3.5mm mini jack)

PANEL CONTROLS

Back Panel/Bottom Case

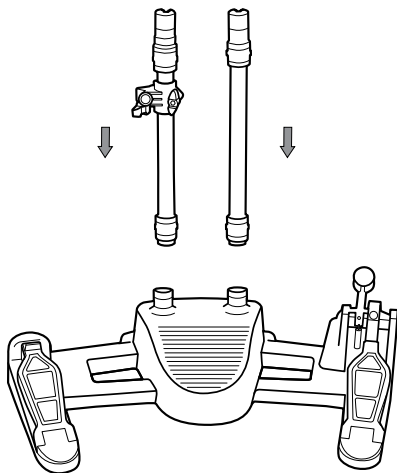


- 13 Power ON/OFF**
Turns the sound module on and off.
- 14 DC 9V**
Connect the included AC adaptor to this jack.
- 15 Base Connection**
Connect the top part of pads and sound module to the base pedals.

ASSEMBLY INSTRUCTIONS

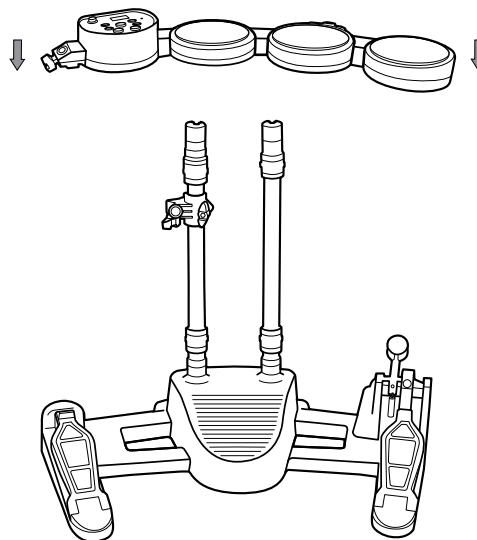
Step 1:

First remove the bottom case from the packing and insert the 2 aluminum tubes into the bottom case as shown in the image and tighten the screw so the plastic support is tightly attached to both the base and the tubes.



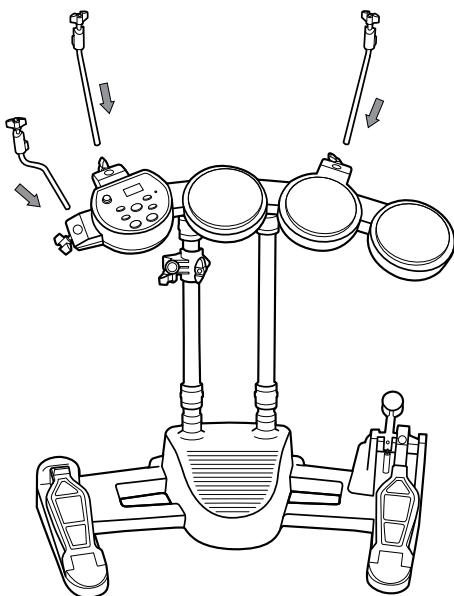
Step 2:

Remove the top pad/sound module assembly from the packing and insert it into the drum stand as shown in the image and tighten the screw. Again, make sure the plastic support is tightly attached to both the assembly and the tubes.



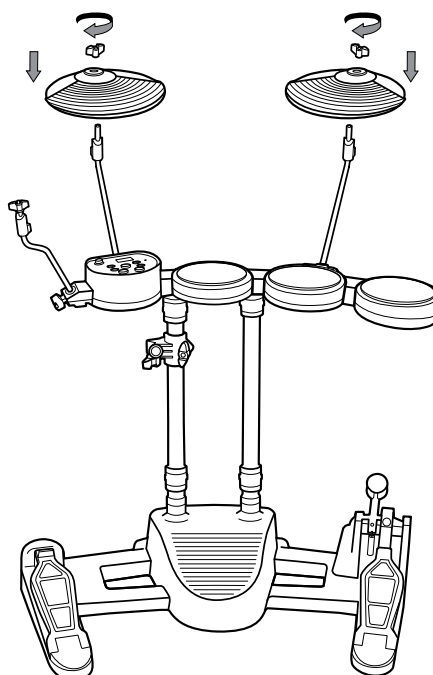
Step 3:

Insert the cymbal poles into the respective holes by the pads as shown in the image and tighten the T-screw.



Step 4:

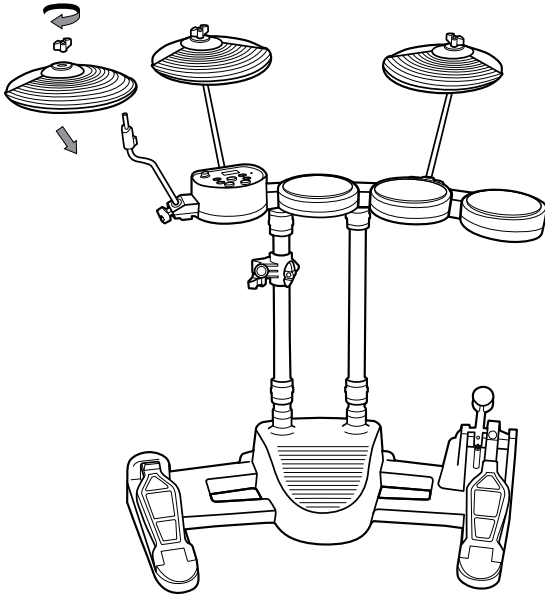
Assemble Crash cymbals as shown in the image and tighten the T-screw.



ASSEMBLY INSTRUCTIONS

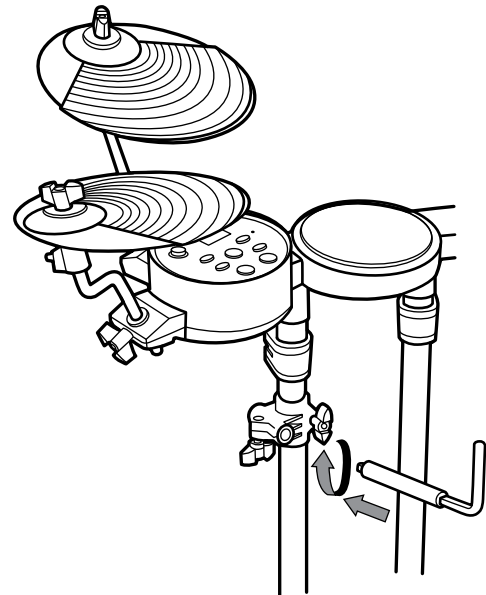
Step 5:

Assemble Hi-Hat cymbal as shown in the image and tighten the T-screw.



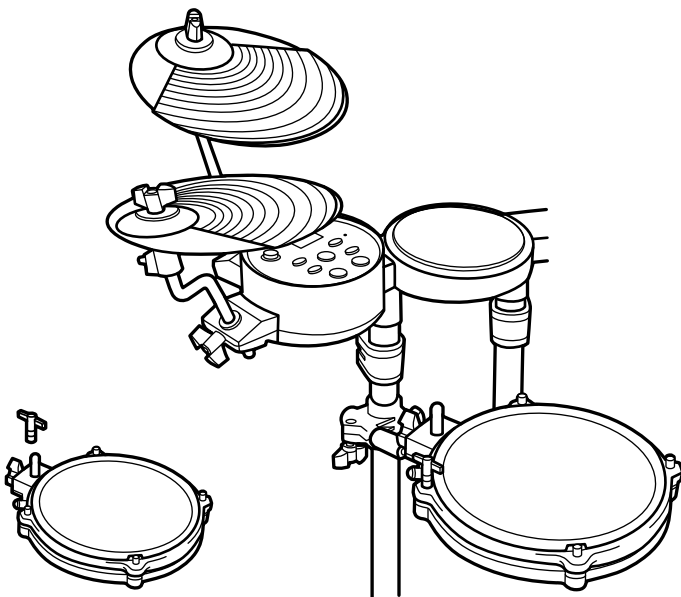
Step 6:

Locate the Snare rod from the packing case, insert it into drum stand as shown in the image and tighten the T-screw.



Step 7:

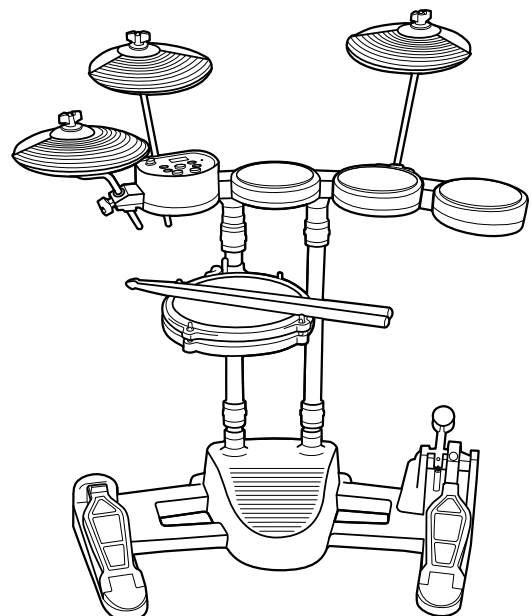
Insert the snare pad onto the Snare rod as shown in the image and tighten the T-screw.



Note: Drum key for adjusting the Snare.

Step 8:

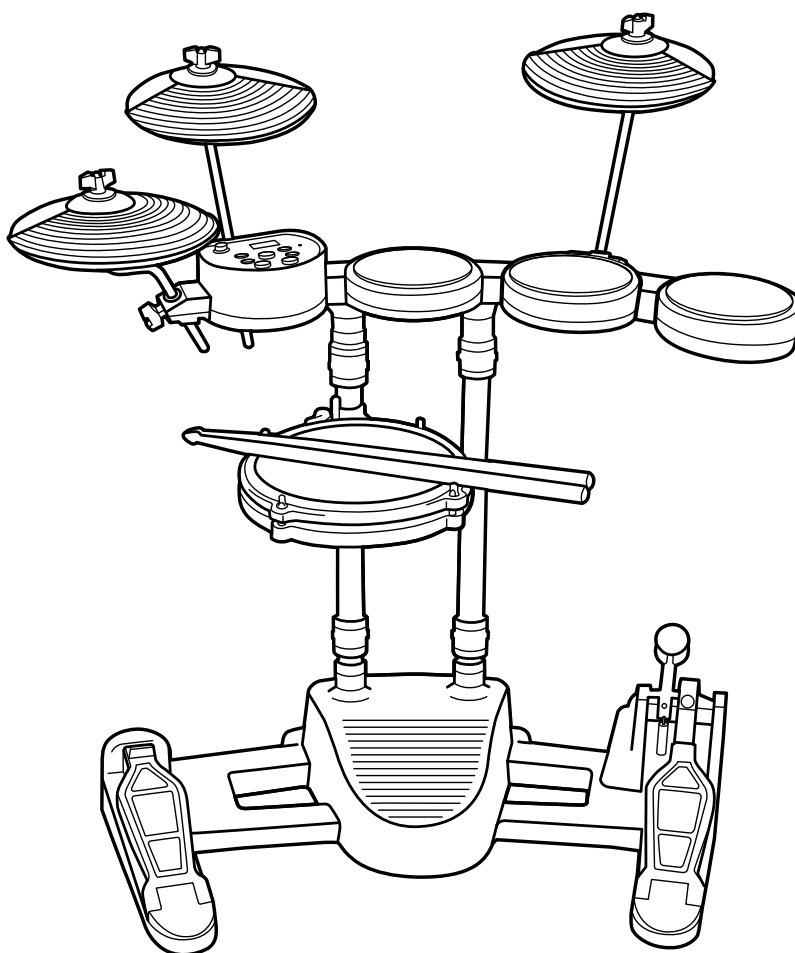
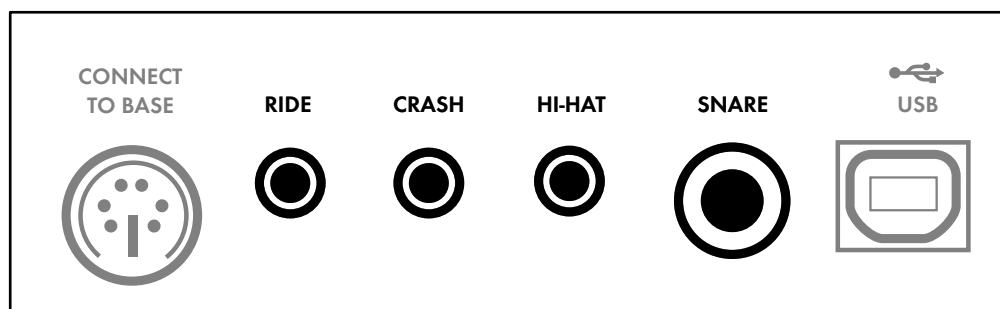
Once assembled, your SD Xpress kit should look like the image below.



CONNECTIONS

Connecting the Pads

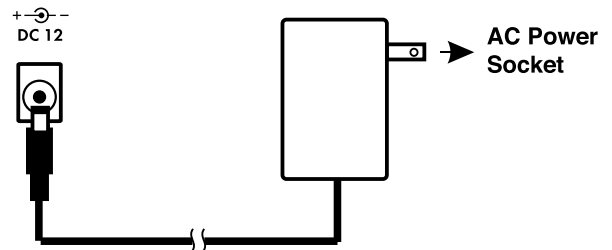
With the drum kit set up correctly, next connect the included cables to the pads and their respective inputs on the drum module. Each cable is labeled as the cables can vary in length and type.



CONNECTIONS

Connecting the Power Supply

Be sure the power switch is set to OFF and connect the AC power adapter to the DC 9V jack on the rear panel. Then connect the AC power adapter to a wall socket as shown at right.



Connecting CD/MP3 Player

The audio output from a CD/MP3 player connected to the AUX IN jack on the rear panel can be mixed with the sound of the drum module. This is ideal if you want to play along with songs or follow an audio drum tutorial.

The volume of the external signal is adjusted with the MASTER VOLUME knob.

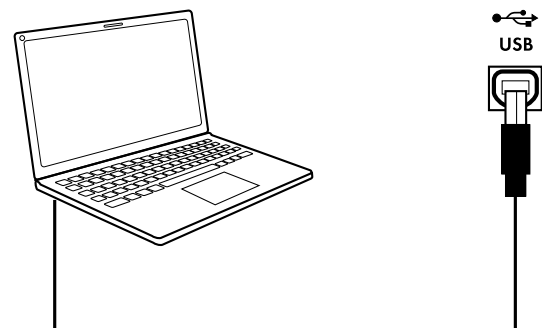


Connecting USB MIDI

Your drum module is USB class-compliant. This means you can plug it into a USB class compliant host (for example, a computer running OS X, Windows XP, Vista or Windows 7) and it should be recognized immediately. There are no drivers to install; simply plug n' play.

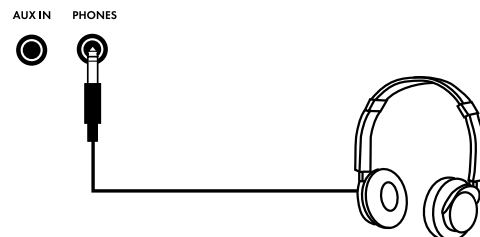
If you connect the drum module to a computer, you can trigger software programs or record your performance into a MIDI sequencing application. Check the operation and setup instructions for the software you intend to use for more details.

USB cable not included.



Connecting Headphones

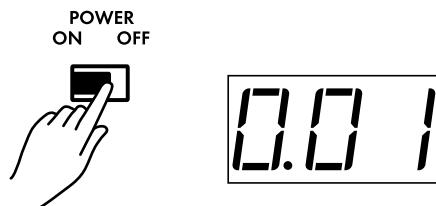
Your headphones can be connected to the SD Xpress. The headphone jack is located on the front of the module. Use the MASTER VOLUME knob to adjust the headphone volume.



GETTING STARTED

Switching the Power On

With everything set up and ready to go, it's time to start playing the drum kit. Locate the on/off power switch on the drum module and switch the power on. The drum module is ready to operate when the display shown to the right appears. This is the location from which you select the drum kit you want to play or edit.



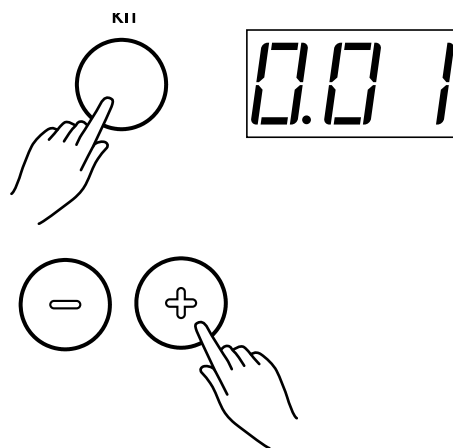
Setting the Master Volume

Use the [MASTER VOLUME] knob to adjust the main volume.



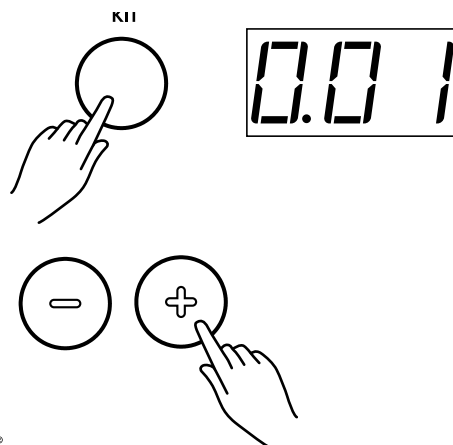
Selecting Drum Kits

Press the [KIT] button, the current kit number appears and you can use the [+] or [-] buttons to select kits ranging from: 001-010, USER. In the USER kit location you can store your own settings for recall later.



The [KIT] Button

Press [KIT] button and press [+] or [-] button to adjust the Volume of pads. Range: 0-127. Select a pad by hitting it.



GETTING STARTED

Selecting A Voice

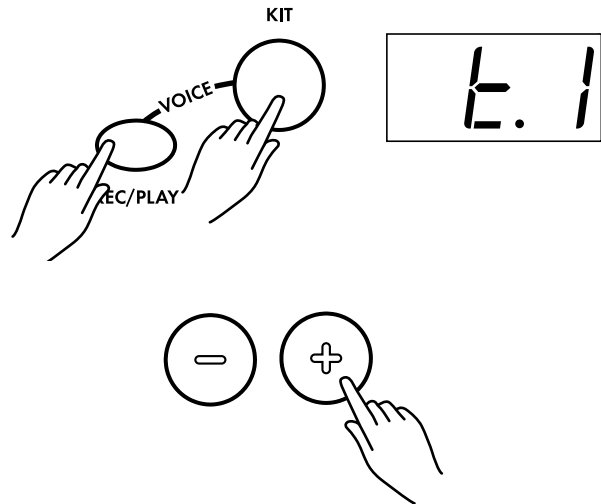
Press the [KIT] and [REC/PLAY] buttons simultaneously, then hit a pad that you want to change the voice for and use the [+] or [-] buttons to select the Voice.

For example: to select a TOM1 voice.

Press the [KIT] and [REC/PLAY] buttons, the LED displays current drum number. Hit the TOM1 and the LED displays as shown to the right, then the LED displays TOM1 instrument.

Hit another pad to select and use the [+] or [-] buttons to select the Voice. You also can press the [CLICK] button to listen to the voice. Finally press the [REC/PLAY] button to save your settings in the user kit.

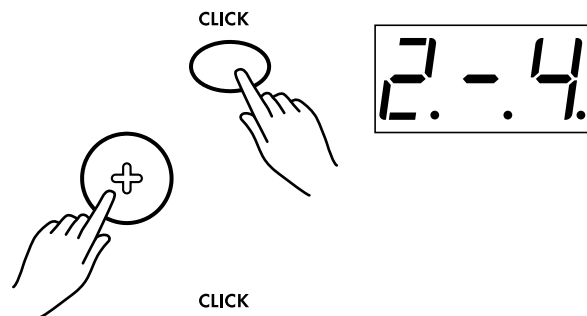
Press any other button to exit the menu.



[CLICK] Button

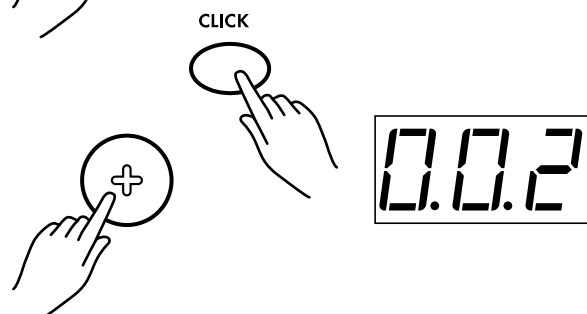
Click Type

Press [CLICK] button for 2 seconds to enter the metronome type choice, use [+/-] to select click type: 1/4, 2/4, 3/4, 4/4, 6/4, 3/8, 6/8, 12/8. default: 4/4.



Click Sound

When click is on, press and hold the [CLICK] button and use [+] or [-] buttons to select the click sound. You have 3 sound options: 001-003.



Click Volume

When click is off, press and hold the [CLICK] button and use [+] or [-] buttons to select click volume, range: 000-032.

GETTING STARTED

The [REC/PLAY] Button

Recording

Press and hold the [REC/PLAY] button for 2 seconds. Recording will start after you hear one bar of metronome hits.

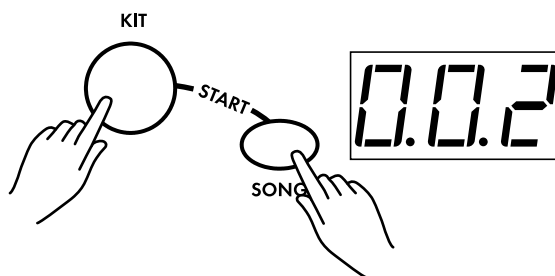


Play Back the Recording

Press the [REC/PLAY] button to play back your recording. Press the [REC/PLAY] button again to stop playback.

The [SONG] Button

The SD Xpress contains 10 preset songs and 1 Demo. Press the [SONG] and [KIT] buttons simultaneously to start or stop the song.

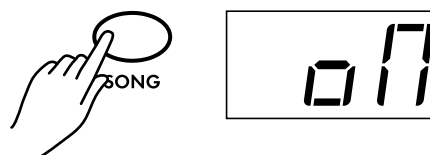


Drum On/Off

In [SONG] mode, press and hold the [SONG] button for 2 seconds, LED displays "ON" or "OFF".

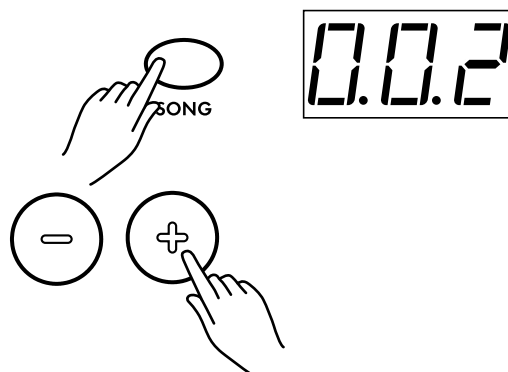
On – turn on the percussion track of the song.

Off – turn off the percussion track of the song.



Select the songs

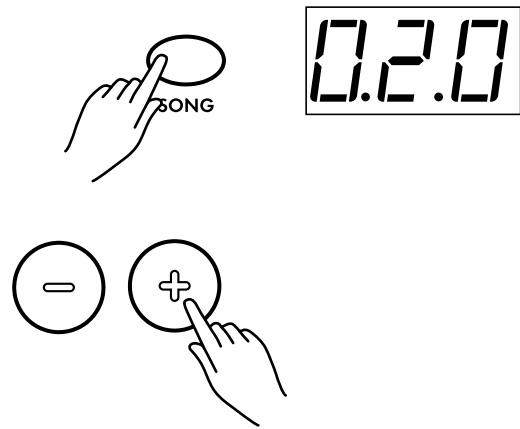
Press the [SONG] button, then use [+] or [-] buttons to select any of the 10 songs.



GETTING STARTED

Song Volume

In [SONG] mode, press and hold the [SONG] button and use [+] or [-] buttons to adjust the song volume. Range:000-032.



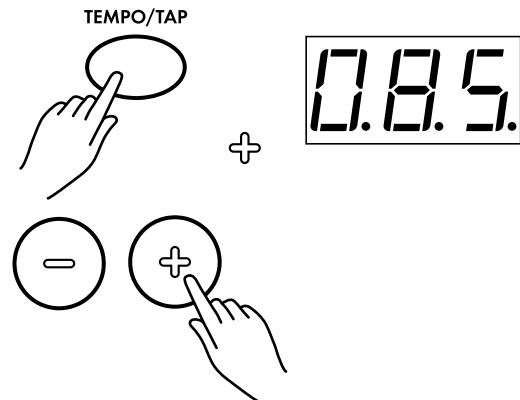
The [TEMPO/TAP] Button

There are 2 ways you can adjust tempo in the x

Press the [TEMPO/TAP] button. The LED displays the current tempo so use [+] or [-] buttons to adjust tempo value. Range: 020-240

Press the [TEMPO/TAP] button for 2 seconds to enter the TAP mode. The LED display will blink.

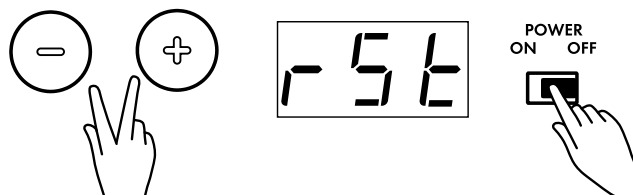
Now hit on a pad 4 times rhythmically to change the tempo.



FACTORY SETTING

To restore your settings to the factory default, do the following:

Turn off the power. Hold down the [+] and [-] buttons with one hand, then turn the power on. This will reset your module to factory setup and erase all your settings.

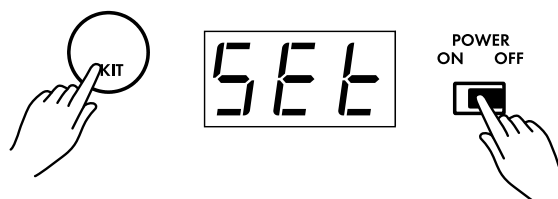


Setup functions

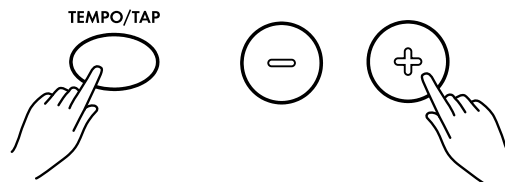
Here you can adjust some of the global parameters to suit your playing style.

Turn off the power.

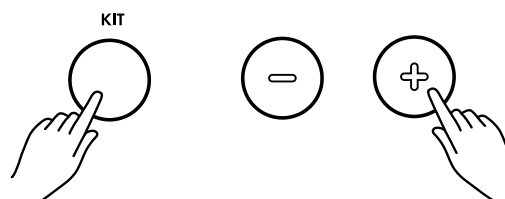
Hold down [KIT] button, then turn the power on to enter setup mode.



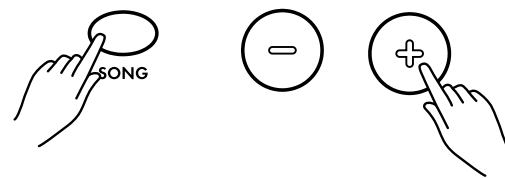
Press [TEMPO/TAP] button, use [+] or [-] buttons to set sensitivity.
Range: 001-008



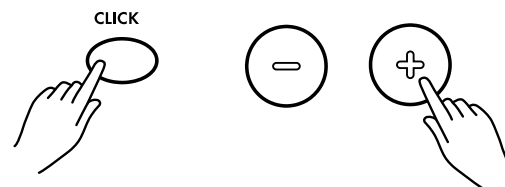
Press [KIT] button, use [+] or [-] buttons to set threshold.
Range 000-050



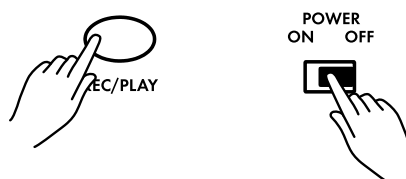
Press [SONG] button, use [+] or [-] buttons to set velocity curve.
There are four velocity curves from which to choose: Normal (NORM), Dynamic (DYNM), EASY, and Fixed (FIXD).



Press [CLICK] button, use [+] or [-] buttons to set XTALK .
Range: 000-080



Press [REC/PLAY] buttons to save above settings.



DRUM KIT PRESETS

Preset Drum Kit List

| Kit # | Kit Name |
|--------|----------------|
| Kit 1 | Acoustic_kit_1 |
| Kit 2 | Acoustic_kit_2 |
| Kit 3 | Room_kit |
| Kit 4 | Rock_kit |
| Kit 5 | Dance_club_kit |
| Kit 6 | Jazz_kit |
| Kit 7 | Electronic_kit |
| Kit 8 | Analog_kit |
| Kit 9 | Latin_kit |
| Kit 10 | Modern R&B |
| Kit 11 | User |

Song Style List

| Style # | Style Name |
|---------|--------------|
| d-1 | Demo Song |
| 01 | Rock Shuffle |
| 02 | Surf Pop |
| 03 | Techno |
| 04 | 60's Rock |
| 05 | Hard Rock |
| 06 | Pop Bossa |
| 07 | 80's Rock |
| 08 | 16 Beat |
| 09 | Pop Shuffle |
| 10 | Guitar Pop |

DRUM KIT PRESETS

Drum Sound List

GROUP 1: KICK DRUMS

Acoustic_kick_01
Acoustic_kick_02
Room_kick_01
Room_kick_02
Rock_kick_01
Jazz_kick_01
Early_RnB_kick
Compressed_kick
Latin_kick
Pop_kick_02
Trash_kick
Rock_kick_03
Brush_kick
Modern_RnB_kick
Boom_snap_kick
Rock_kick_02
Rock_kick_04
Rock_kick_05
Electronic_kick_01
Electronic_kick_02
Analog_kick
Drum_machine_kick

GROUP 2: SNARE DRUMS

Acoustic_snr_01
SPic_snr_01c
SPic_snr_02f
Room_snr_01_6L
Room_snr_02
Rock_snr_01
Rock_snr_06
Compressed_snr_6L
Jazz_snr_01
Acoustic_snr_02
Boom_snap_snr
Trash_snr Pop_snr_02
Reggae-pop_snr
Brush_snr_01
Early_RnB_snr
Pop_snr_01
Latin_snr+tambourine
Electro-pop_snr
Rap-hop_snr Analog_snr_01
Modern_RnB_snr
Rock_snr_03
Electronic_snr_01
Drum_machine_snr_01+1
8-oh_snr+1
Dance_club_snr+2
9-oh_snr+2-5

Drum_box_snr+5
Acoustic_xstick_01
SPic_xtk-01
Rock_xstick_01
Jazz_xstick_01
Room_xstick
Modern_RnB_xstick
Electronic_xstick_01
Crunch_xstick
Analog_xstick
Drum_machine_xstick

GROUP 3: TOMS

Acoustic_tom_H_01
Acoustic_tom_M_01
Acoustic_tom_L_01
Acoustic_tom_H_02
Acoustic_tom_M_02
Acoustic_tom_L_02
Room_tom_H_01
Room_tom_M_01
Room_tom_L_01
Compressed_tom_H
Compressed_tom_M
Compressed_tom_L
Rock_tom_H_01
Rock_tom_M_01
Rock_tom_L_01_6L
Rock_tom_H_03
Rock_tom_M_03
Rock_tom_L_02
Pop_tom_H_01
Pop_tom_M_01
Pop_tom_L_01
Boom_snap_tom_H
Boom_snap_tom_M
Boom_snap_tom_L
DW_high_tom
DW_mid_tom
DW_low_tom
Rock_tom_H_04
Rock_tom_M_02_6L
Rock_tom_L_03
Modern_RnB_tom_h
Modern_RnB_tom_m
Modern_RnB_tom_L
Jazz_tom_H_01
Jazz_tom_M_01
Jazz_tom_L_01
Brush_tom_H
Brush_tom_M

Brush_tom_L
Latin_tom+conga_M
Latin_tom+bongo_L
Electronic_tom_H_01
Electronic_tom_M_01
Electronic_tom_L_01
Electronic_tom_H_02
Electronic_tom_M_02
Electronic_tom_L_02
Analog_tom_H
Analog_tom_M
Analog_tom_L
Drum_machine_tom_H
Drum_machine_tom_M
Drum_machine_tom_L

GROUP 4: KICK CYMBALS

Acoustic_kick_01
cr_49_crash
cr_49_crash_1L
Rap-hop_crash
Brush_crash_3
Rock_crash_02
Crunch_crash_7
Cym_crash_18
Cym_crash_18_-4
Cym_splash_03+6
9-oh_crash
Boom_snap_crash
Dance_club_ride
Analog_crash
Electronic_crash_01
Sizzle_ride+bell
Cymbal_ride_bell
Room_ride
Acoustic_ride_02
Latin_ride+cowbell
Electronic_ride_02
Analog_ride
Drum_machine_ride
Electronic_ride_01

GROUP 5: HI-HATS

Brush_hat_cl_01
Brush_hat_foot_01
Brush_hat_op_01
Acoustic_hat_cl_2
Acoustic_hat_foot_2
Acoustic_hat_op_2
Room_hat_cl

Room_hat_foot
Room_hat_op
Rock_hat_cl_01_6L
Rock_hat_foot_01
Rock_hat_op_01_6L
Rock_hat_cl_03
Rock_hat_foot_02
Rock_hat_op_03
Compressed_hat_cl_6Lv2
Cym_hat_foot_+0
Compressed_hat_op_6Lv2
Cymbal_hat_cl_6L+1-37
Cym_hat_foot_+1-37
Cymbal_hat_op_6L+1-37
Snappy_brush_hat_cl
Snappy_brush_hat_foot
Snappy_brush_hat_op
Electronic_hat_cl_01
Electronic_hat_foot_01
Electronic_hat_op_01
Analog_hat_cl
Analog_hat_foot
Analog_hat_op
Drum_machine_hat_cl
Drum_machine_hat_foot
Drum_machine_hat_op
Modern_RnB_hat_cl
Modern_RnB_hat_foot
Modern_RnB_hat_op

GROUP 6: PERCUSSION

Agogo_H Agogo_L
Latin_tom_agogo_H
Conga_H
Conga_L
Hand_claps
Timbale_H
Timbale_L
Triangle_mute
Triangle_open
Triangle_op+mt
Woodblock_H
Woodblock_L
Latin_xstick_woodblocks
Shaker_01
Tambourine_down
Tambourine_up
Tambourine_up+down
Cowbell
8-oh_cowbell

MIDI Implementation Chart

O: YES X: NO

| Function | | Transmitted | Recognized | Remarks |
|------------------|----------------|------------------|---------------------|---|
| Basic Channel | Default | 10CH | 1-16 | Memorized |
| | Changed | X | 1-16 each | |
| Mode | Default | Mode 3 | Mode 3 | |
| | Messages | X | X | |
| | Altered | ***** | X | |
| Note Number | True Voice | 0-127 | 0-127 | |
| | | ***** | 0-127 | |
| Velocity | Note ON | O (99H, V=1-127) | O (9nH, V=1-127) | |
| | Note OFF | O (89H, V=0) | O (8nH, V=0) or 8nH | |
| Aftertouch | | X | X | |
| Pitch Blend | | X | O | |
| Control Change | 0, 32 | X | O | Bank Select |
| | 1 | X | O | Modulation |
| | 5 | X | O | Portamento Time |
| | 6 | X | O | Data Entry |
| | 7 | X | O | Volume |
| | 10 | X | O | Pan |
| | 11 | X | O | Expression |
| | 64 | X | O | Sustain |
| | 65 | X | O | Portamento |
| | 66 | X | O | Sostenuto |
| | 67 | X | O | Soft Pedal |
| | 80, 81 | X | O | DSP TYPE |
| | 91, 93 | X | O | DSP DEPTH |
| | 100, 101 | X | O (*1) | RPN LSB, MSB |
| | 121 | X | O | Reset all Controllers |
| Program Change | | O 0-10 | O 0-127 | |
| True member | | | 0-127 | |
| System Exclusive | | X | X | |
| System Common | :Song Position | X | X | |
| | :Song Select | X | X | |
| | :Tune | X | X | |
| System Real Time | :Clock | O | X | |
| | :Commands | O | X | |
| Aux Messages | :Local ON/OFF | X | O | All Notes OFF is sent as All Sound OFF (CC# 120) |
| | :All Notes OFF | O | O | |
| | :Active Sense | X | O | |
| | :Reset | X | O | |

*1: Registered parameter number: #0: Pitch sensitivity, #1: Fine tuning, #2: Coarse tuning

Model 1: OMNI ON, POLY
 Mode 2: OMNI ON, MONO
 Mode 3: OMNI OFF, POLY
 Mode 4: OMNI OFF, MONO

SPECIFICATIONS

| | |
|-------------------------|--|
| Pads | 7 drum pads with touch response and includes two pedals for bass drum and hi-hat |
| Sounds | 193 percussion voices |
| Drum Sets | 10 Preset sets, 1 User set |
| Songs | 10 Songs |
| Overall Controls | Tempo, Main Volume |
| Metronome | Voice, Click or Light |
| Connections | 9V adapter, head phones, USB (MIDI IN/OUT), bass drum and hi-hat controller |
| Dimension | 500mm (w) x 370mm (d) x 157mm (h) |
| Weight | 3.3Kg |
| Power Supply | 9V adapter / 6 C-type batteries |
| Accessories | Drum sticks, two controller pedals |

Ninety (90) Days Limited Warranty

Subject to the limitations set forth below, Simmons® hereby represents and warrants that the components of this product shall be free from defects in workmanship and materials, including implied warranties of merchantability or fitness for a particular purpose, subject to normal use and service, for ninety (90) days to the original owner from the date of purchase.

Retailer and manufacturer shall not be liable for damages based upon inconvenience, loss of use of product, loss of time, interrupted operation or commercial loss or any other incidental or consequential damages including but not limited to lost profits, downtime, goodwill, damage to or replacement of equipment and property, and any costs of recovering, reprogramming, or reproducing any program or data stored in equipment that is used with Simmons® products. This guarantee gives you specific legal rights. You may have other legal rights which vary from state to state. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

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1207-9823

FCC Statements

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

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a different circuit.
- Consult an experienced radio/TV technician for help.