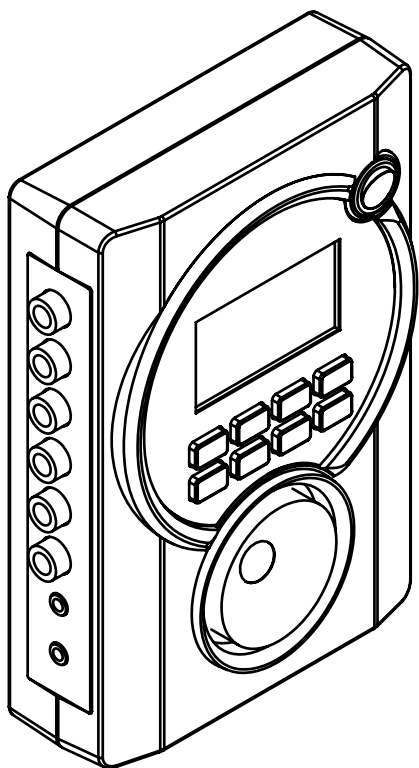


ddrum[®]

BETA XP



Drum Sound Module






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 or 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, furniture, pets, and etc.

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 their 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 the 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.



WARNING

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.



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.



WARNING

If there were children in the household, the adults should be responsible of ateaching 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 the socket.



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



Do not place heavy objects on the machine.



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



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



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

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.

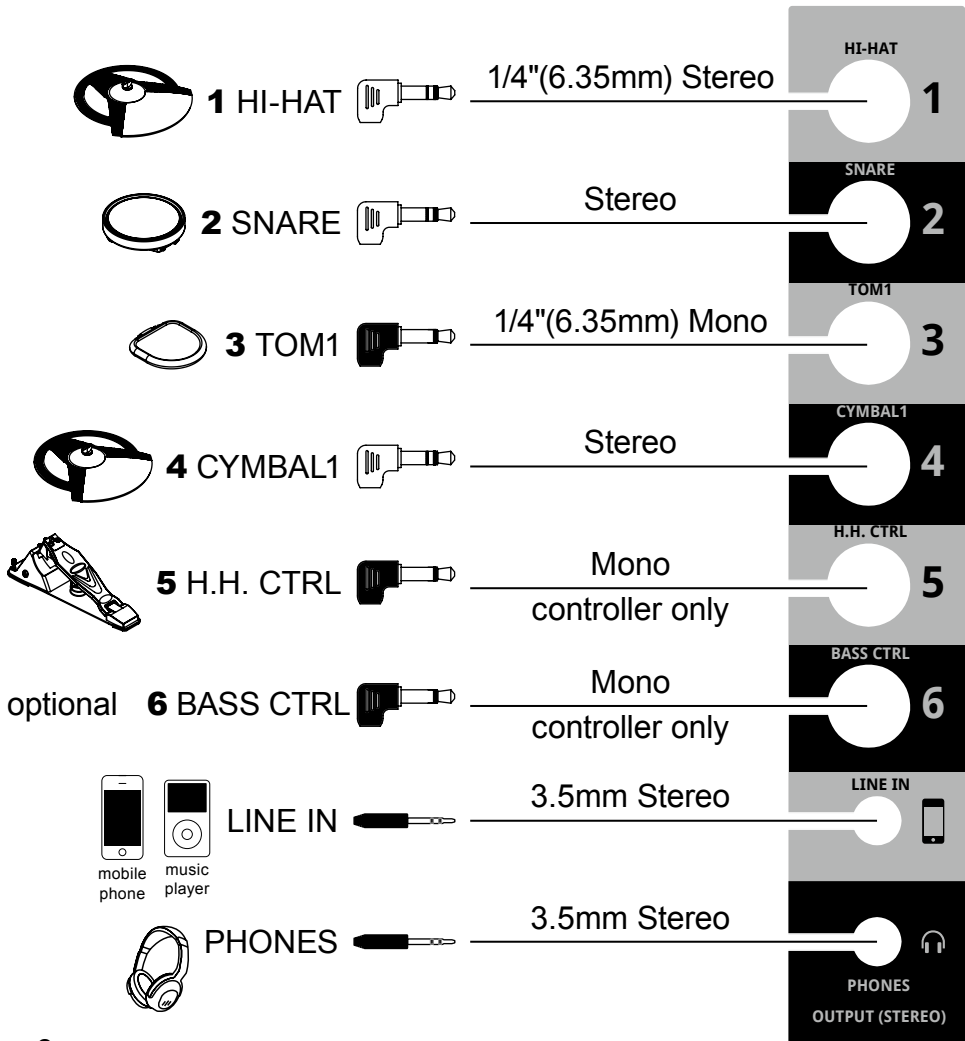
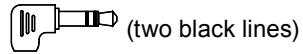
Additional Precautions

- 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 official 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.

⚠ 1 2 4 7 must use Stereo Sound Cables



USE ORIGINAL
ADAPTOR ONLY

DC IN

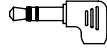
DC 5V1A
(AC Adapter)



CYMBAL2

7

Stereo



7 CYMBAL2



TOM2

8

Mono



8 TOM2



TOM3

9

Mono



9 TOM3



BASS DRUM

10

Mono



10 BASS DRUM



USB

Micro USB



USB connector
(USB To MIDI)

MIDI OUT










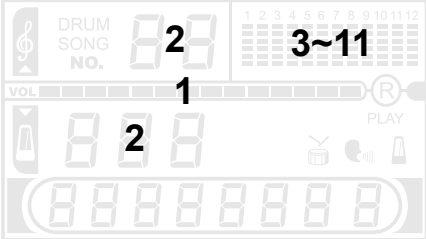



















MIDI 5-pin DIN





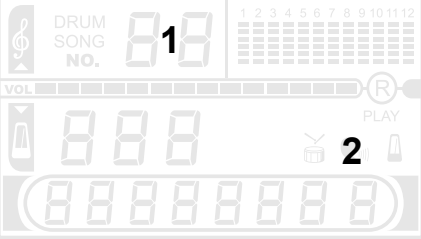






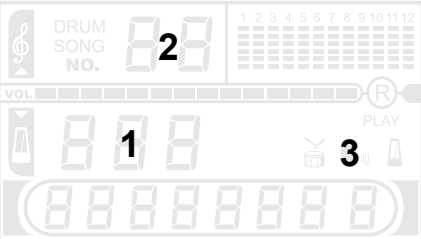






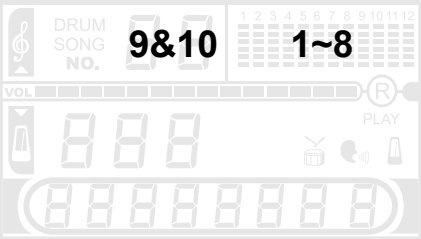

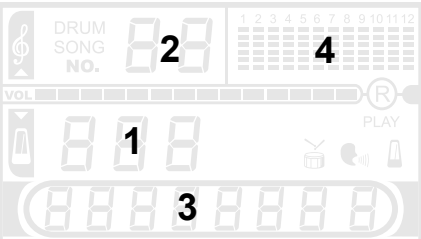


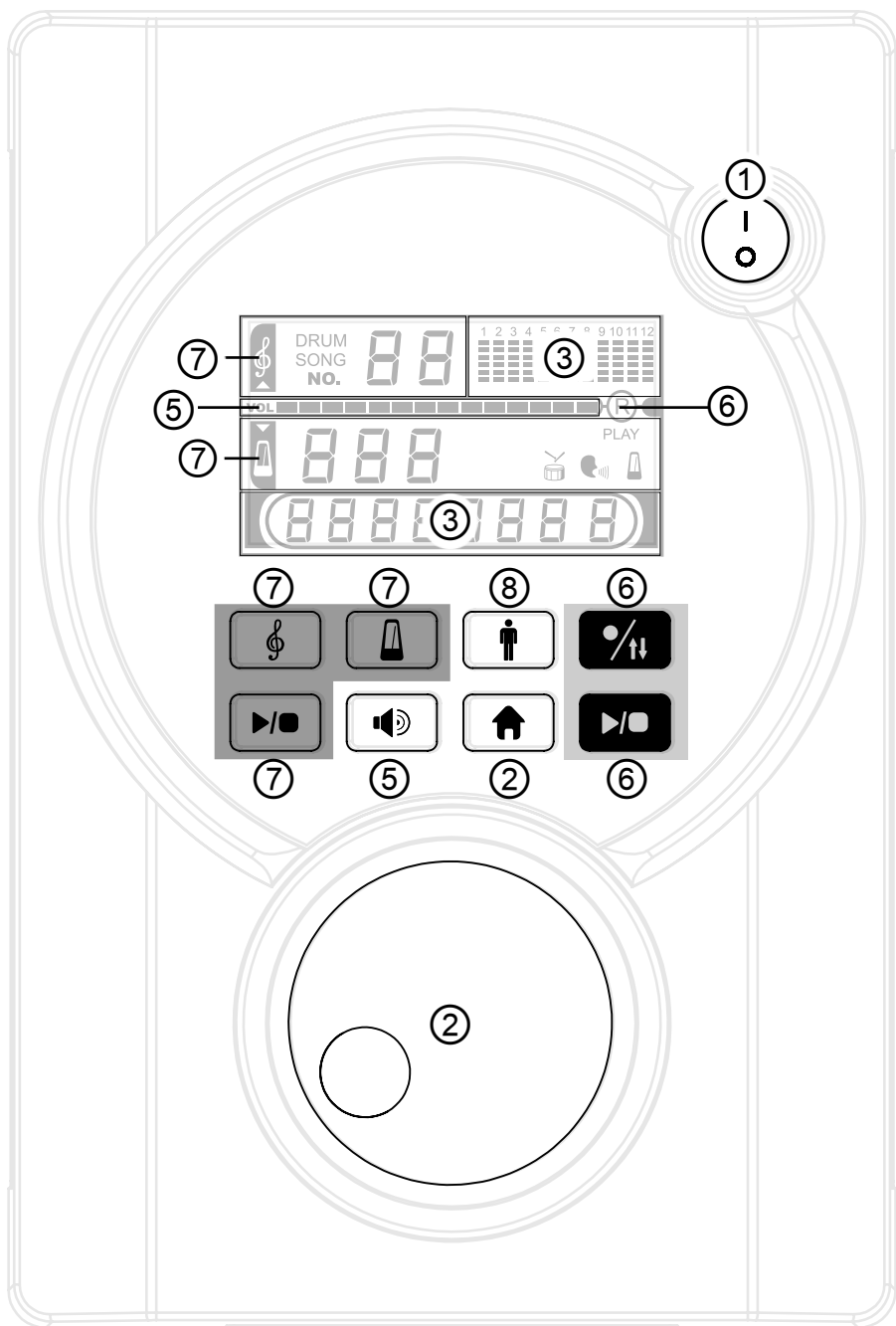
MIDI OUT




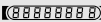













List of Commands

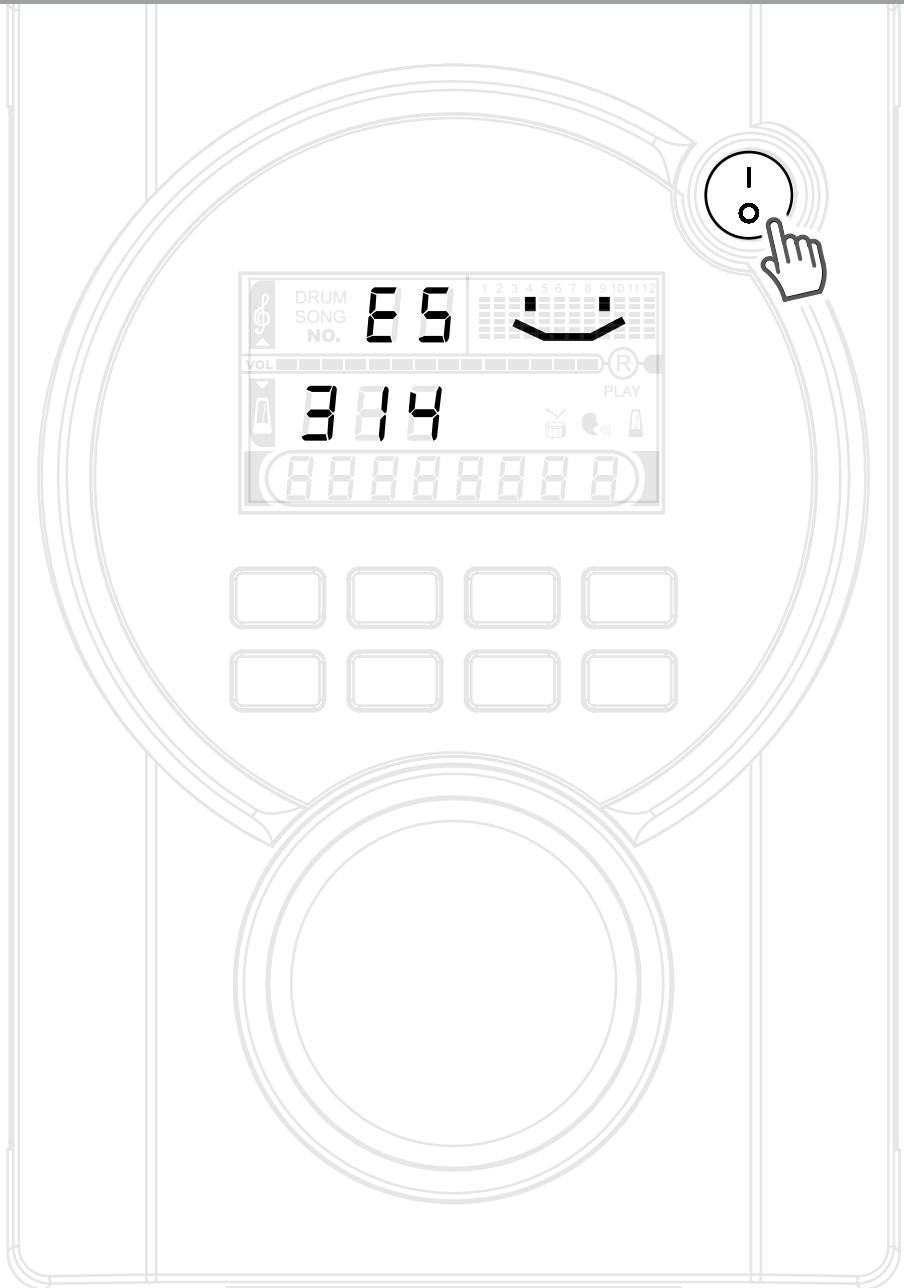
	Home (drum kit)	
	Drum kit (home)	  01~33, U-1~U-4
	Save preset	 Press and hold
	Reset	( ) Press and hold
	Volume 	
	1. vol. 2. mode vol. 3~11. ch.1~8 vol.	
	REC.	
	REC. cancel	  (at loading)
	Song mode REC.	  
	Click mode REC.	  
	Playback	
	Playback mute BGM (Song/ Click track)	 
	Playback Drum kit	  01~33, U-1~U-4
	Playback  vol.	  (x1~11)

	Play Song	 
	Song mode  1. Song no.01~99 2. both/vocal/drum/none	
	Song mode Vol.	  x2
	Play Click	 
	Click mode  1. 30~250 BPM 2. 9 kind of beats 3. vocal/click	
	Click mode vol.	  x2
	Select user mode	  Sensitivity Custom drum kit
	Sensitivity  1~8. ch.1~8 sensitivity 9. Hi-Hat pedal sensitivity 10. cymbal main sound swap	
	Custom drum kit  1. U-1~U-4 drum kit 2. user drum kit ch. 3. sound list 4. sound list ch.	



①. Power		①- 1. On/ Off Switch power on/off	p.12
②. Control		②- 1. Knob Menu select & adjust the value	
		②- 2. Home (Drum Kit) Back to main page, save preset setting, default setting	p.13
③. Display		③- 1. Drum Kit	p.14
		③- 2. Channel 1~8	p.14
④. Drum Kit		④- 1. Drum Kit(Home) Choose Drum Kit.	p.17
⑤. Volume		⑤- 1. Volume	p.18
⑥. REC.		⑥- 1. REC.	p.20
		⑥- 2. Playback	p.22
⑦. Mode		⑦- 1. Song mode	p.24
		⑦- 2. Click mode	p.26
		⑦- 3. Play/Stop	
⑧. User		⑧- 1. Select user mode	p.28
		⑧- 2. Sensitivity User customized sensitivity	p.30
		⑧- 3. Custom Drum Kit User customized Drum Kit	p.32

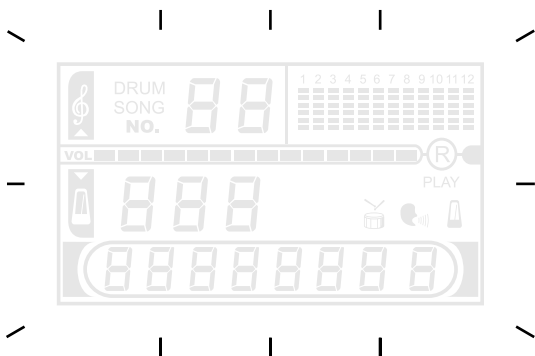
On/ Off



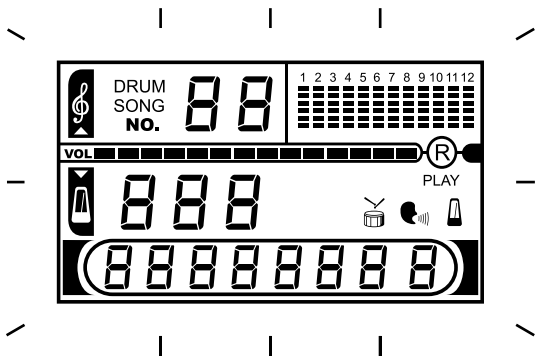
Home (Drum Kit):



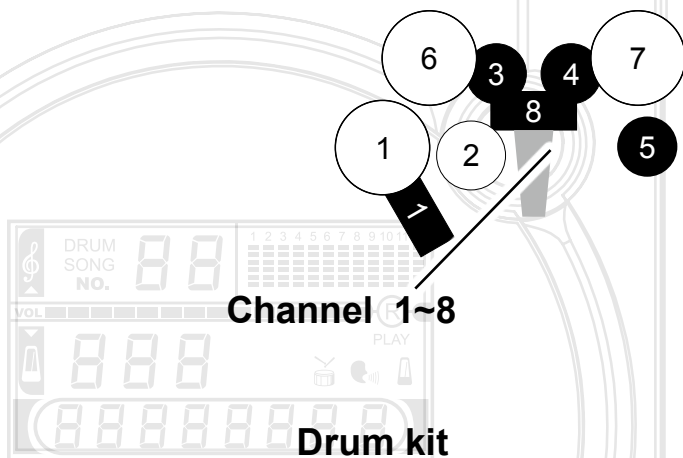
Save Preset: ~ Press and hold the display will blink once at completed.



Reset: () ~ Press and hold the display will blink once at completed.



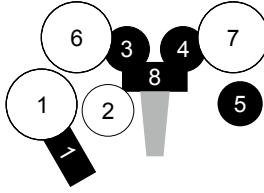
Display



back cover

Sound list

Channel	Vol	Ch	Kit	Prog	Bank	Bank
1	80	DRUM	DRUM	DRUM	DRUM	DRUM
2	80	DRUM	DRUM	DRUM	DRUM	DRUM
3	80	DRUM	DRUM	DRUM	DRUM	DRUM
4	80	DRUM	DRUM	DRUM	DRUM	DRUM
5	80	DRUM	DRUM	DRUM	DRUM	DRUM
6	80	DRUM	DRUM	DRUM	DRUM	DRUM
7	80	DRUM	DRUM	DRUM	DRUM	DRUM
8	80	DRUM	DRUM	DRUM	DRUM	DRUM
9	80	DRUM	DRUM	DRUM	DRUM	DRUM
10	80	DRUM	DRUM	DRUM	DRUM	DRUM
11	80	DRUM	DRUM	DRUM	DRUM	DRUM
12	80	DRUM	DRUM	DRUM	DRUM	DRUM
13	80	DRUM	DRUM	DRUM	DRUM	DRUM
14	80	DRUM	DRUM	DRUM	DRUM	DRUM
15	80	DRUM	DRUM	DRUM	DRUM	DRUM
16	80	DRUM	DRUM	DRUM	DRUM	DRUM
17	80	DRUM	DRUM	DRUM	DRUM	DRUM
18	80	DRUM	DRUM	DRUM	DRUM	DRUM
19	80	DRUM	DRUM	DRUM	DRUM	DRUM
20	80	DRUM	DRUM	DRUM	DRUM	DRUM
21	80	DRUM	DRUM	DRUM	DRUM	DRUM
22	80	DRUM	DRUM	DRUM	DRUM	DRUM
23	80	DRUM	DRUM	DRUM	DRUM	DRUM
24	80	DRUM	DRUM	DRUM	DRUM	DRUM
25	80	DRUM	DRUM	DRUM	DRUM	DRUM
26	80	DRUM	DRUM	DRUM	DRUM	DRUM
27	80	DRUM	DRUM	DRUM	DRUM	DRUM
28	80	DRUM	DRUM	DRUM	DRUM	DRUM
29	80	DRUM	DRUM	DRUM	DRUM	DRUM
30	80	DRUM	DRUM	DRUM	DRUM	DRUM
31	80	DRUM	DRUM	DRUM	DRUM	DRUM
32	80	DRUM	DRUM	DRUM	DRUM	DRUM
33	80	DRUM	DRUM	DRUM	DRUM	DRUM
34	80	DRUM	DRUM	DRUM	DRUM	DRUM
35	80	DRUM	DRUM	DRUM	DRUM	DRUM
36	80	DRUM	DRUM	DRUM	DRUM	DRUM
37	80	DRUM	DRUM	DRUM	DRUM	DRUM
38	80	DRUM	DRUM	DRUM	DRUM	DRUM
39	80	DRUM	DRUM	DRUM	DRUM	DRUM
40	80	DRUM	DRUM	DRUM	DRUM	DRUM
41	80	DRUM	DRUM	DRUM	DRUM	DRUM
42	80	DRUM	DRUM	DRUM	DRUM	DRUM
43	80	DRUM	DRUM	DRUM	DRUM	DRUM
44	80	DRUM	DRUM	DRUM	DRUM	DRUM
45	80	DRUM	DRUM	DRUM	DRUM	DRUM
46	80	DRUM	DRUM	DRUM	DRUM	DRUM
47	80	DRUM	DRUM	DRUM	DRUM	DRUM
48	80	DRUM	DRUM	DRUM	DRUM	DRUM
49	80	DRUM	DRUM	DRUM	DRUM	DRUM
50	80	DRUM	DRUM	DRUM	DRUM	DRUM
51	80	DRUM	DRUM	DRUM	DRUM	DRUM
52	80	DRUM	DRUM	DRUM	DRUM	DRUM
53	80	DRUM	DRUM	DRUM	DRUM	DRUM
54	80	DRUM	DRUM	DRUM	DRUM	DRUM
55	80	DRUM	DRUM	DRUM	DRUM	DRUM
56	80	DRUM	DRUM	DRUM	DRUM	DRUM
57	80	DRUM	DRUM	DRUM	DRUM	DRUM
58	80	DRUM	DRUM	DRUM	DRUM	DRUM
59	80	DRUM	DRUM	DRUM	DRUM	DRUM
60	80	DRUM	DRUM	DRUM	DRUM	DRUM
61	80	DRUM	DRUM	DRUM	DRUM	DRUM
62	80	DRUM	DRUM	DRUM	DRUM	DRUM
63	80	DRUM	DRUM	DRUM	DRUM	DRUM
64	80	DRUM	DRUM	DRUM	DRUM	DRUM
65	80	DRUM	DRUM	DRUM	DRUM	DRUM
66	80	DRUM	DRUM	DRUM	DRUM	DRUM
67	80	DRUM	DRUM	DRUM	DRUM	DRUM
68	80	DRUM	DRUM	DRUM	DRUM	DRUM
69	80	DRUM	DRUM	DRUM	DRUM	DRUM
70	80	DRUM	DRUM	DRUM	DRUM	DRUM
71	80	DRUM	DRUM	DRUM	DRUM	DRUM
72	80	DRUM	DRUM	DRUM	DRUM	DRUM
73	80	DRUM	DRUM	DRUM	DRUM	DRUM
74	80	DRUM	DRUM	DRUM	DRUM	DRUM
75	80	DRUM	DRUM	DRUM	DRUM	DRUM
76	80	DRUM	DRUM	DRUM	DRUM	DRUM
77	80	DRUM	DRUM	DRUM	DRUM	DRUM
78	80	DRUM	DRUM	DRUM	DRUM	DRUM
79	80	DRUM	DRUM	DRUM	DRUM	DRUM
80	80	DRUM	DRUM	DRUM	DRUM	DRUM



	1	2	3	4	5	6	7	8
	HI-HAT	SNARE	TOM1	TOM2	TOM3	CYMBAL1	CYMBAL2	BASS DRUM
U-1								
U-2								
U-3								
U-4								

User drum kit

What is User Drum Kit?

User drum kit Channel

You have 4 set of user Drum Kits can be customized, they are U-1~U-4, each set with 8 channels.

Sound list on the back cover: 001~033 are sound list Drum Kit, 1~8 are sound list channel.

What is Sound list?

Sound list drum kit

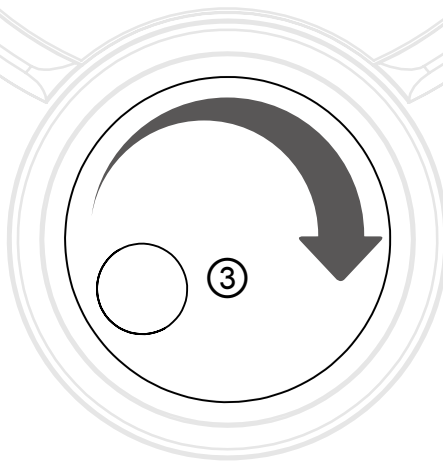
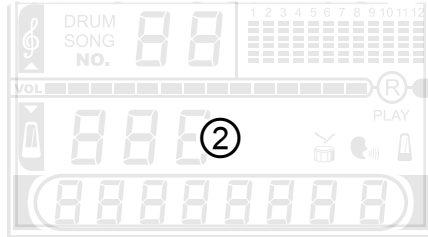
Sound list Channel

back
cover

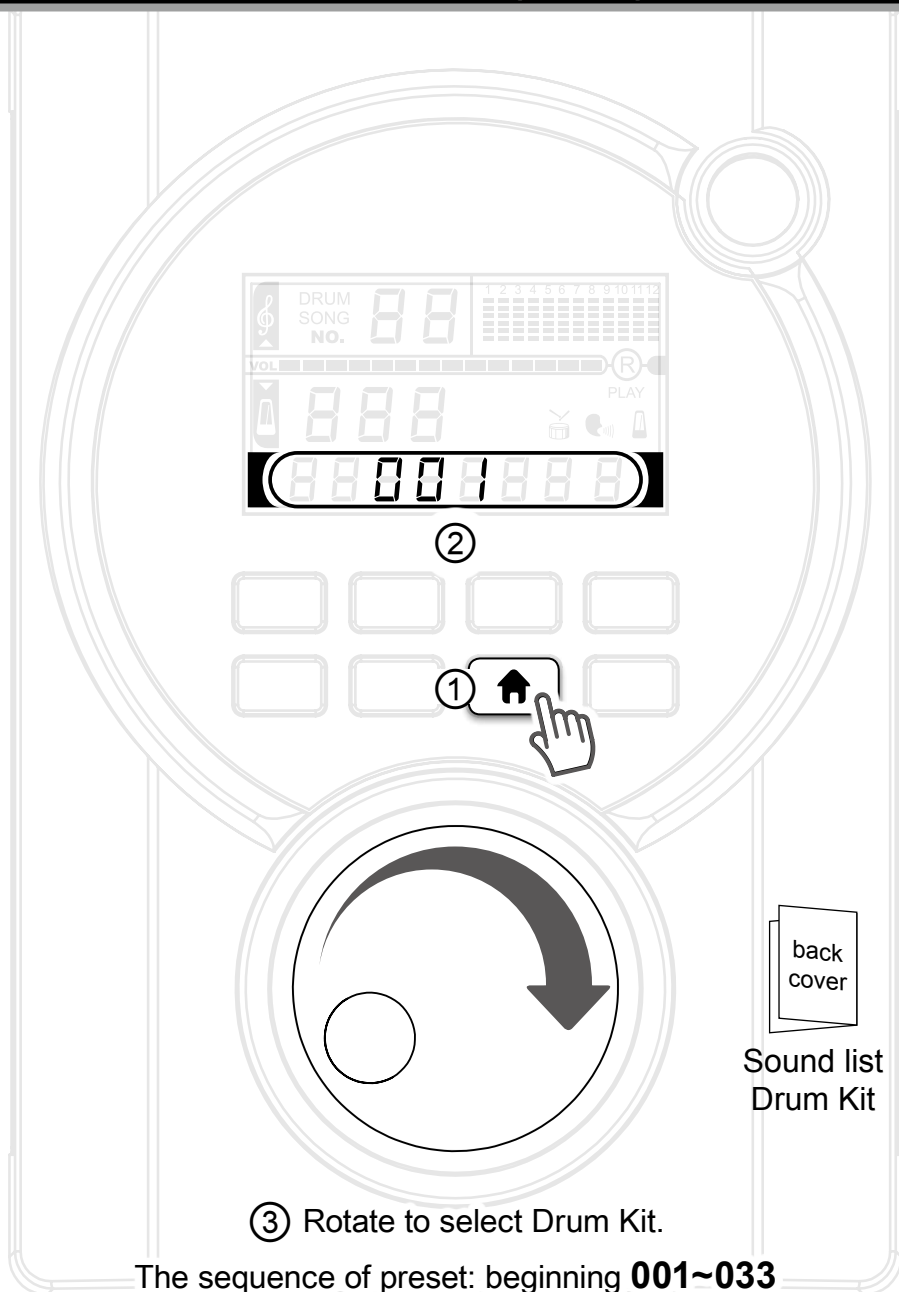
Sound list		name	key	type	pitch	velocity	channel	group	effect
001	01	DRUM KIT	...	...	...	...	...	...	...
002	01	DRUM KIT	...	...	...	...	...	...	...
003	01	DRUM KIT	...	...	...	...	...	...	...
004	01	DRUM KIT	...	...	...	...	...	...	...
005	01	DRUM KIT	...	...	...	...	...	...	...
006	01	DRUM KIT	...	...	...	...	...	...	...
007	01	DRUM KIT	...	...	...	...	...	...	...
008	01	DRUM KIT	...	...	...	...	...	...	...
009	01	DRUM KIT	...	...	...	...	...	...	...
010	01	DRUM KIT	...	...	...	...	...	...	...
011	01	DRUM KIT	...	...	...	...	...	...	...
012	01	DRUM KIT	...	...	...	...	...	...	...
013	01	DRUM KIT	...	...	...	...	...	...	...
014	01	DRUM KIT	...	...	...	...	...	...	...
015	01	DRUM KIT	...	...	...	...	...	...	...
016	01	DRUM KIT	...	...	...	...	...	...	...
017	01	DRUM KIT	...	...	...	...	...	...	...
018	01	DRUM KIT	...	...	...	...	...	...	...
019	01	DRUM KIT	...	...	...	...	...	...	...
020	01	DRUM KIT	...	...	...	...	...	...	...
021	01	DRUM KIT	...	...	...	...	...	...	...
022	01	DRUM KIT	...	...	...	...	...	...	...
023	01	DRUM KIT	...	...	...	...	...	...	...
024	01	DRUM KIT	...	...	...	...	...	...	...
025	01	DRUM KIT	...	...	...	...	...	...	...
026	01	DRUM KIT	...	...	...	...	...	...	...
027	01	DRUM KIT	...	...	...	...	...	...	...
028	01	DRUM KIT	...	...	...	...	...	...	...
029	01	DRUM KIT	...	...	...	...	...	...	...
030	01	DRUM KIT	...	...	...	...	...	...	...
031	01	DRUM KIT	...	...	...	...	...	...	...
032	01	DRUM KIT	...	...	...	...	...	...	...
033	01	DRUM KIT	...	...	...	...	...	...	...

How to use

- ① Press the button to select.
- ② Watch change in the display.
- ③ Rotate knob to select or adjust.



🏠 Drum Kit(Home)


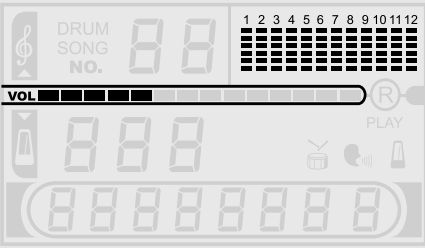



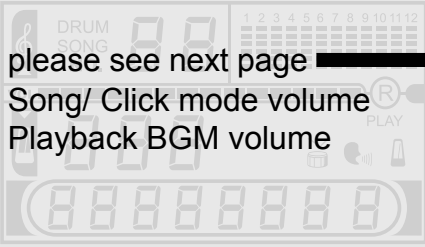


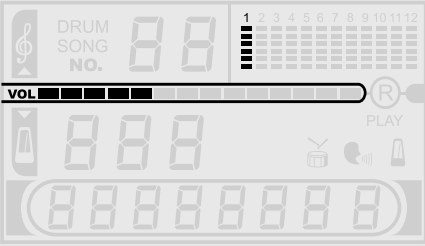




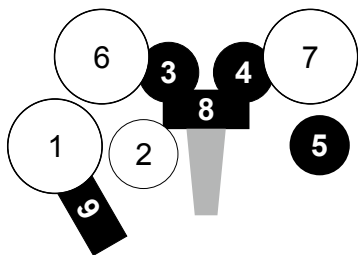
③ Rotate to select Drum Kit.

The sequence of preset: beginning **001~033**
and the following are user: **U-1~U-4**




Volume





 press  button repeatedly.

Select	Display	Adjust
 1/11	Volume 	
 2/11	Mode Volume please see next page  Song/ Click mode volume Playback BGM volume 	
 3/11	Channel 1 Volume 	
...
 11/11	Channel 9 Volume	



Mode Volume




Song/ Click Mode Volume: ( or )  x2

Press ( or ) button into Song/ Click mode, press  button twice to select mode volume, use  to adjust.

Playback BGM Volume:   x2

(Song/ Click will be recorded in BGM track.)

Playback BGM Mute:  

Press  button start playback, press  button twice to select mode volume, use  to adjust.

REC.

S1	S2	S3
----	----	----

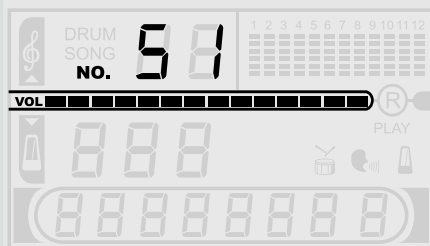
Three storage space,
capacity 10,000 notes per space.

Display

Select



(5s for select space or cancel)



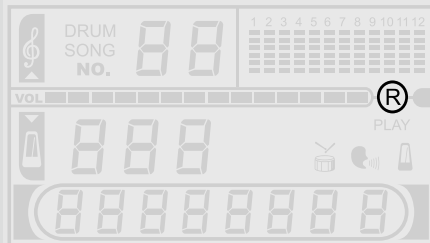
S1, S2, S3

or



Cancel

REC.





Stop REC.




LINE IN will not be recording.

Song/Click Mode REC.: ( or )  

Press ( or ) button to check status,
(See Song/Click Mode in detail)

press  to select,

press  button start REC.

(Song/ Click will be recorded in BGM track.)






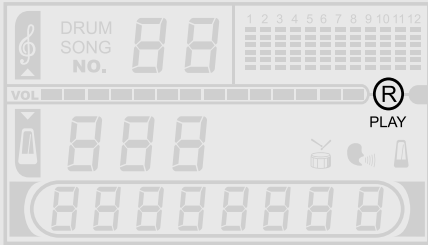


Important

Use the Click recording mode, like the drummer in the studio recording, you can very clearly hear the drums beat is stable or not when playback.

Playback

S1	S2	S3
----	----	----

Three storage space,
capacity 10,000 notes per space.

	<i>Display</i>	<i>Select</i>
	(5s for select space)	
		 S1, S2, S3
	Playback 	 Mute BGM
	Stop Playback	

Playback Drum Kit:  
(please see Drum Kit Mode for detail)




Playback BGM Mute:  

Playback Volume:  

Playback BGM Volume:   x2
(Song/ Click will be recorded in BGM track.)

Playback Channel Volume:   x3~10

(please see Volume Mode for detail)


Press  button start playback,
press  button select volume mode, use  to adjust.


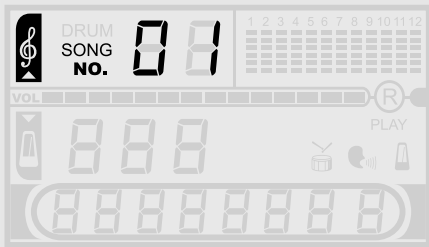


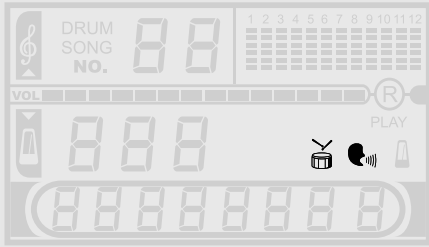

When playing a recording, each Drum and Click track volume can be adjusted separately, Click track can be muted, causing you more convenient to compare.

🎵 Song Mode




Play Song:






 press  button repeatedly.

Select	Display	Adjust
 1/2 Song		 01~12 MIDI songs 13~99 percussion rhythm
 2/2 Vocal		 vocal+drum vocal drum no track

Song Mode Volume:   x2

Press  button into Song mode,
press  button twice to select mode volume, use  to
adjust.

Song Mode REC.:   







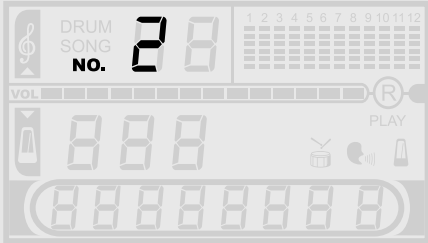


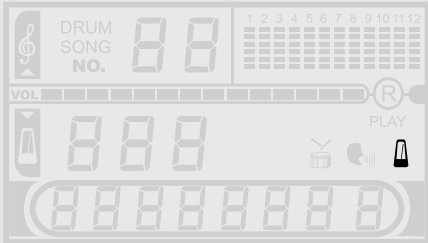

Press  button to check status,
press  to select,
press  button start REC.

(Song will be recorded in BGM track.)




🔔 Click Mode

Play Click:  




 press  button repeatedly.

Select	Display	Adjust
 1/3 	Click Speed 	 30~250 BPM
 2/3 	9 kind of beats 	 2, 3, 3A, 4, 5, 6, 7, 8, 9
 3/3	Vocal 	 🔔 click 🗣️ vocal

Click Mode Volume: x2

Press  button into Click mode,
press  button twice to select mode volume, use  to
adjust.

Click Mode REC.:

Press  button to check status,
press  to select,
press  button start REC.

(Click will be recorded in BGM track.)

Important

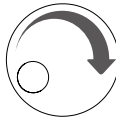
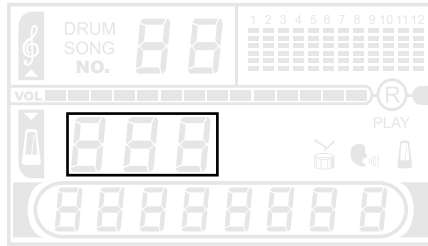
Use the Click recording mode, just like the drummer in the studio recording, you can very clearly to hear the beat of drums are stable or not.

When playing a recording, each Drum and Click track volume can be adjusted separately, Click track can be muted, causing you more convenient to compare.

↑ User Mode

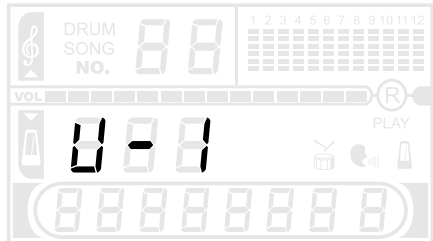
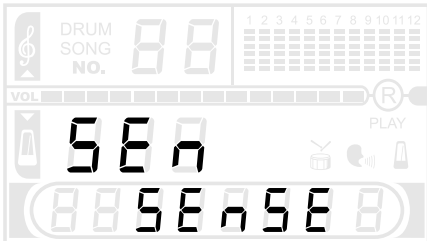



Select user mode



p.29 Sensitivity

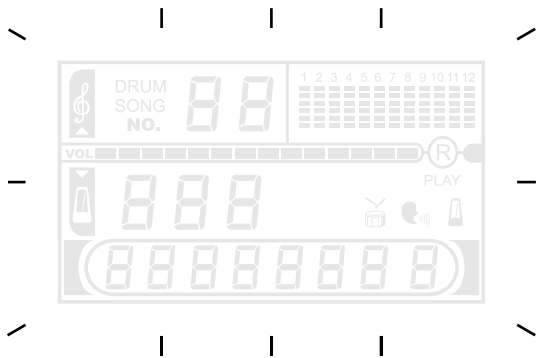
**p.30 Custom Drum Kit
U-1~U-4**



press  to leave user mode, all setting will be save as preset.

Save Preset: 

the display will blink once at completed.

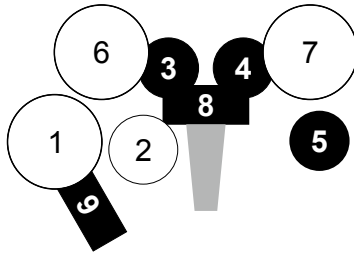


Sensitivity

Select user mode:

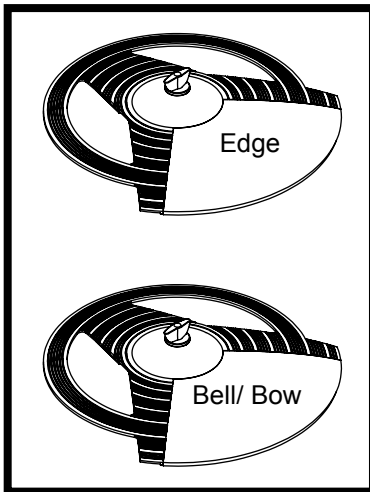


Sensitivity

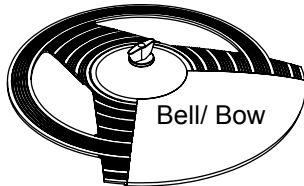


Main



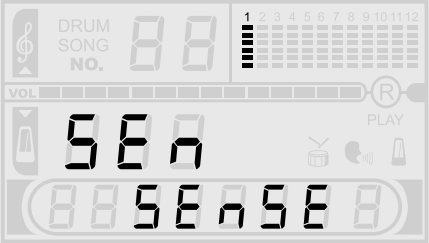



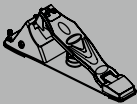
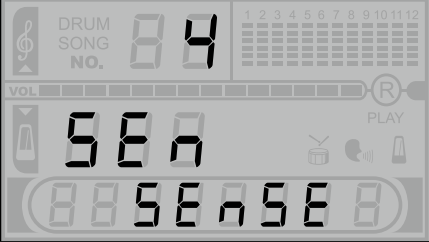
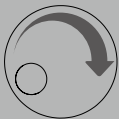

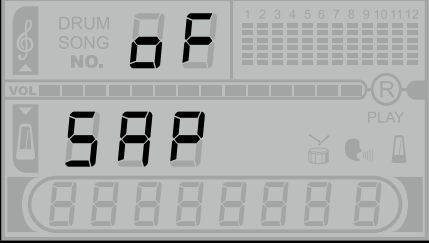
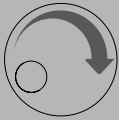
Edge
off



Bow
on



 press  button repeatedly.

Select	Display	Adjust
 1/10  ...	Channel 1 sensitivity 	 Level ...
 8/10 ...	Channel 8 sensitivity ...	...
 9/10  Hi-Hat Pedal	Hi-Hat Pedal sensitivity 	 Level 1~9
 10/10	Bell/Bow ↔ Edge swap 	 on/off

Custom Drum Kit

Select user mode:




Custom Drum Kit

How To Customize Drum Kit

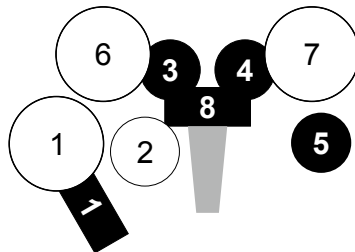
Select a drum in user Drum Kit,
choose a sound from sound list.

(If you don't know user drum kit and sound list
please see p.15 for detail.)

	1 HI-HAT	2 SNARE	3 TOM1	4 TOM2	5 TOM3	6 CYMBAL1	7 CYMBAL 2	8 BASS DRUM
U-1								
U-2								
U-3								
U-4								

Sound list

Drum	Sound	Drum	Sound	Drum	Sound	Drum	Sound	Drum	Sound	Drum	Sound
1	HI-HAT	1	HI-HAT	1	HI-HAT	1	HI-HAT	1	HI-HAT	1	HI-HAT
2	SNARE	2	SNARE	2	SNARE	2	SNARE	2	SNARE	2	SNARE
3	TOM1	3	TOM1	3	TOM1	3	TOM1	3	TOM1	3	TOM1
4	TOM2	4	TOM2	4	TOM2	4	TOM2	4	TOM2	4	TOM2
5	TOM3	5	TOM3	5	TOM3	5	TOM3	5	TOM3	5	TOM3
6	CYMBAL1	6	CYMBAL1	6	CYMBAL1	6	CYMBAL1	6	CYMBAL1	6	CYMBAL1
7	CYMBAL 2	7	CYMBAL 2	7	CYMBAL 2	7	CYMBAL 2	7	CYMBAL 2	7	CYMBAL 2
8	BASS DRUM	8	BASS DRUM	8	BASS DRUM	8	BASS DRUM	8	BASS DRUM	8	BASS DRUM





press



button repeatedly.

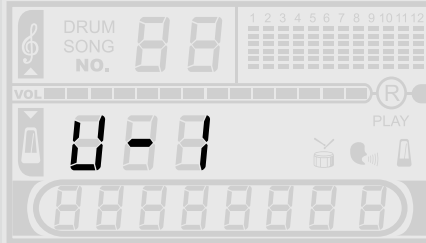
Select

Display

Adjust



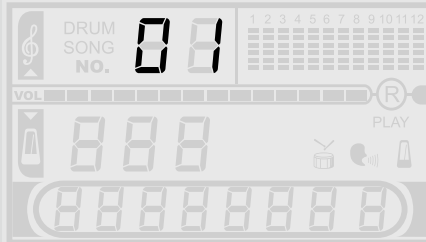
1/4 **User drum kit**



U-1 ~ U-4



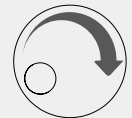
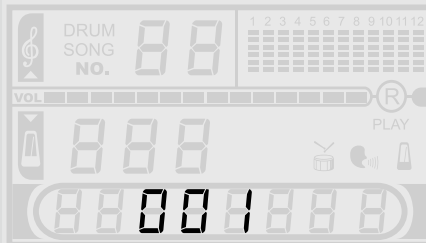
2/4 **User drum kit channel**



Channel
1~8



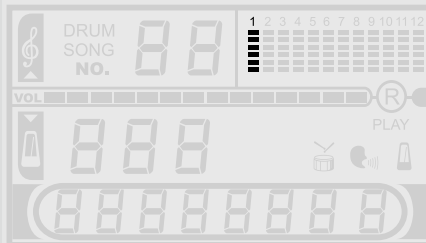
3/4 **Sound list drum kit**



Sound list
Drum Kit
001~033



4/4 **Sound list channel**



Sound list
Drum Kit
channel 1~8

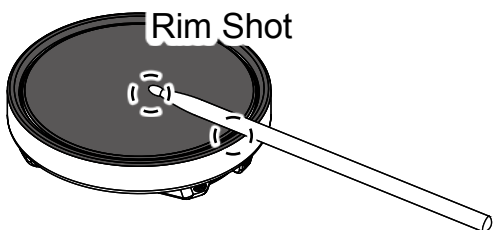
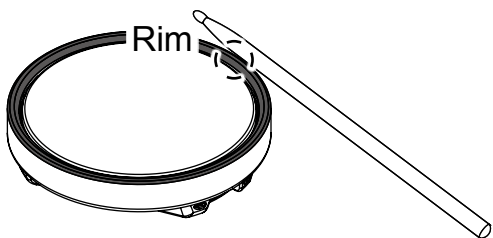
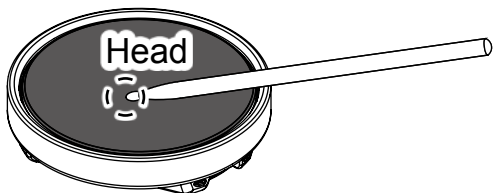
Continuous Type ⑤ Hi-Hat Controller



More realistic Hi-Hat effects transition between open and closed, such as full open, half open, full closed, foot splash.

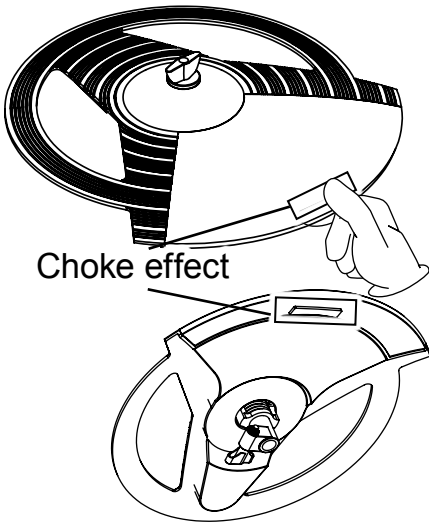
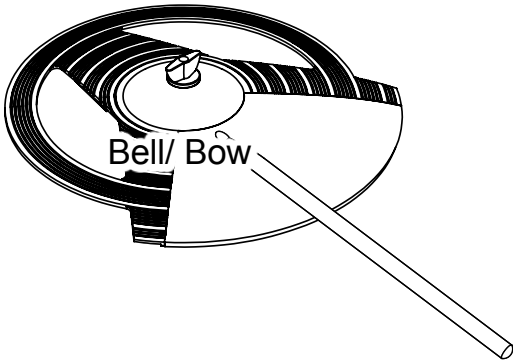


2-zone ② Snare



*Some snare sound are not supported.

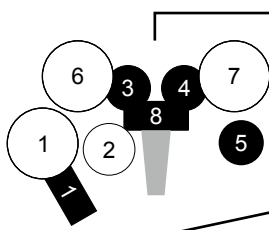
- 1-zone+choke**
- ① Hi-Hat
 - ④ Cymbal 1
 - ⑦ Cymbal 2



After hitting the cymbal, you can grab the rim as illustrated to produce realistic muted cymbal sound.

MIDI Note

		1 HI-HAT	edge	close	pedal	2 SNARE	rim	rim shot	3 TOM1	4 TOM2	5 TOM3	6 CYM- BAL1	edge	7 CYM- BAL2	edge	8 BASS DRUM
ROCK -1	01	46	46	42	44	38	38	38	48	45	41	53	49	59	57	36
JAZZ -1	02	46	46	42	44	38	38	38	48	45	41	53	49	59	57	36
METAL -1	03	46	46	42	44	38	38	38	48	45	41	53	49	59	57	36
BLUES -1	04	46	46	42	44	38	38	38	48	45	41	53	49	59	57	36
POWER -1	05	46	46	42	44	38	38	38	48	45	41	53	49	59	57	36
TECHNO -1	06	46	46	42	44	38	38	38	48	45	41	53	49	59	57	36
TAIKO -1	07	46	46	42	44	38	48	38	48	45	41	49	49	57	57	36
LATIN-1	08	46	46	42	44	64	62	64	63	134	56	53	49	59	57	135
TIMBALE-1	09	46	46	42	44	38	37	38	65	66	41	53	49	59	57	36
FUSION-1	10	46	46	42	44	38	37	38	48	45	45	53	49	59	57	36
ROCK-2	11	46	46	42	44	38	37	38	48	45	45	53	49	51	51	36
JAZZ-2	12	46	46	42	44	38	37	38	48	45	45	53	49	51	51	36
METAL-2	13	46	46	42	44	38	37	38	48	45	45	53	49	51	51	36
BLUES-2	14	46	46	42	44	38	37	38	48	45	45	53	49	51	51	36
POWER-2	15	46	46	42	44	38	37	38	48	45	45	53	49	51	51	36
TECHNO-2	16	46	46	42	44	38	37	38	48	45	45	53	49	51	51	36
LATIN-2	17	46	46	42	44	64	37	64	63	134	66	53	49	51	51	135
FUSION-2	18	46	46	42	44	38	38	38	48	45	41	53	49	51	51	36
ROCK-3	19	46	46	42	44	38	38	38	48	45	41	53	49	59	59	36
JAZZ-3	20	46	46	42	44	38	38	38	48	45	41	53	49	59	59	36
METAL-3	21	46	46	42	44	38	38	38	48	45	41	53	49	59	59	36
BLUES-3	22	46	46	42	44	38	38	38	48	45	41	53	49	59	59	36
POWER-3	23	46	46	42	44	38	38	38	48	45	41	53	49	59	59	36
TECHNO-3	24	46	46	42	44	38	38	38	48	45	41	53	49	59	59	36
LATIN-3	25	46	46	42	44	64	62	64	63	134	56	53	49	59	59	135
FUSION-3	26	46	46	42	44	38	38	38	48	45	41	53	49	59	59	36
ROCK-4	27	46	46	42	44	38	37	38	48	45	41	53	49	52	52	36
JAZZ-4	28	46	46	42	44	38	37	38	48	45	41	53	49	59	57	36
METAL-4	29	42	42	42	36	38	37	38	48	45	41	53	49	52	52	36
BLUES-4	30	46	46	42	44	38	37	38	48	45	41	53	49	52	52	36
POWER-4	31	42	42	42	36	38	37	38	48	45	41	53	49	52	52	36
TECHNO-4	32	46	46	42	36	38	37	38	48	45	41	53	49	59	57	36
FUSION-4	33	42	42	42	36	38	37	38	48	45	41	53	49	52	52	36



3. User drum kit channel

4. Sound list drum kit channel

1. User drum kit U-1~U-4

2. Sound list Drum Kit

Sound list

		1 HI-HAT	2 SNARE	RIM	3 TOM1	4 TOM2	5 TOM3	6 CYMBAL1	7 CYMBAL3	8 BASS DRUM
ROCK -1	01	HI-HAT	SNARE	RIM	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	CRASH2	BASS
JAZZ -1	02	HI-HAT	SNARE	RIM	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	CRASH2	BASS
METAL -1	03	HI-HAT	SNARE	RIM	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	CRASH2	BASS
BLUES -1	04	HI-HAT	SNARE	RIM	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	CRASH2	BASS
POWER -1	05	HI-HAT	SNARE	RIM	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	CRASH2	BASS
TECHNO -1	06	HI-HAT	SNARE	RIM	HI-MID TOM	LOW TOM	SHOUT	CRASH1	CRASH2	BASS
TAIKO -1	07	HI-HAT	SNARE	WOOD	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	CRASH2	BASS
LATIN-1	08	RATTLE	LOW CONGA	CONGA RIM	OPEN HIGH CONGA	FLOOR CONGA	COWBELL	CRASH1	CRASH2	BASS
TIMBALE-1	09	HI-HAT	SNARE	WOOD	HIGH TIMBALE	LOW TIMBALE	LOW FLOOR TOM	CRASH1	CRASH2	BASS
FUSION-1	10	HI-HAT	SNARE	WOOD	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	CRASH2	BASS
ROCK-2	11	HI-HAT	SNARE	WOOD	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	RIDE1	BASS
JAZZ-2	12	HI-HAT	SNARE	WOOD	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	RIDE1	BASS
METAL-2	13	HI-HAT	SNARE	WOOD	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	RIDE1	BASS
BLUES-2	14	HI-HAT	SNARE	WOOD	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	RIDE1	BASS
POWER-2	15	HI-HAT	SNARE	WOOD	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	RIDE1	BASS
TECHNO-2	16	HI-HAT	SNARE	WOOD	HI-MID TOM	LOW TOM	SHOUT	CRASH1	RIDE1	BASS
LATIN-2	17	RATTLE	LOW CONGA	CONGA RIM	OPEN HIGH CONGA	FLOOR CONGA	LOW TIMBALE	CRASH1	RIDE1	BASS
FUSION-2	18	HI-HAT	SNARE	WOOD	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	RIDE1	BASS
ROCK-3	19	HI-HAT	SNARE	RIM	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	RIDE2	BASS
JAZZ-3	20	HI-HAT	SNARE	RIM	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	RIDE2	BASS
METAL-3	21	HI-HAT	SNARE	RIM	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	RIDE2	BASS
BLUES-3	22	HI-HAT	SNARE	RIM	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	RIDE2	BASS
POWER-3	23	HI-HAT	SNARE	RIM	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	RIDE2	BASS
TECHNO-3	24	HI-HAT	SNARE	RIM	HI-MID TOM	LOW TOM	SHOUT	CRASH1	RIDE2	BASS
LATIN-3	25	RATTLE	LOW CONGA	CONGA RIM	OPEN HIGH CONGA	FLOOR CONGA	COWBELL	CRASH1	RIDE2	BASS
FUSION-3	26	HI-HAT	SNARE	RIM	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	RIDE2	BASS
ROCK-4	27	HI-HAT	SNARE	WOOD	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	CHINA	BASS
JAZZ-4	28	HI-HAT	SNARE	WOOD	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	CRASH2	BASS
METAL-4	29	HI-HAT	SNARE	WOOD	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	CHINA	BASS
BLUES-4	30	HI-HAT	SNARE	WOOD	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	CHINA	BASS
POWER-4	31	BASS	SNARE	WOOD	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	CHINA	BASS
TECHNO-4	32	BASS	SNARE	WOOD	HI-MID TOM	LOW TOM	SHOUT	CRASH1	CRASH2	BASS
FUSION-4	33	BASS	SNARE	WOOD	HI-MID TOM	LOW TOM	LOW FLOOR TOM	CRASH1	CHINA	BASS

Spec.

Audio Sampling Frequency	16bit 44.1kHz WAV WPW system
Maximum Polyphony	32 notes
Voices	170 high quality audio
Drum kits	preset: 33 user : 4
Sensor	128 level ultra realistic velocity sensor WPW system
Custom Parameter	Volume, Sensitivity (Individually adjusted for each pad)
Songs	12 MIDI song 87 percussion rhythm
Click	30-250 BPM 9 kinds of beats
REC. and playback (drum kit & music(song, click...) on 2 tracks)	Approx. 30,000 notes, 96 PPQ Real-time replace recording
Inputs and Outputs	PHONES (Stereo 3.5mm) LINE IN (Stereo 3.5mm) USB Port (Micro-B) MIDI OUT (5-pin DIN)
Trigger Input Connectors	Hi-Hat, Snare, Tom1, Tom2, Tom3, Cymbal1, Cymbal2, Bass Drum, H.H.Ctrl, Bass Ctrl
Power	DC 5V (power adaptor included)
Quiescent Current	500mA
Dimensions	175(W)x120(D)x55(H)mm



ddrum[®]

For more information please visit our website

www.ddrum.com