Artist
GUITARS

CPD1000
MANUAL

INFORMATION FOR YOUR SAFETY!

THE FCC REGULATION WARNING (for USA)

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 circuit different from that to which the receiver is connected

- Consult the dealer or an experiencted radio/TV technician for help

Unauthorized changes or modification to this system can void the user's authority to operate this equipment.

> ### CAUTION
>
> The normal function of the product may be disturbed by Strong Electro Magnetic Interference. If so, simply reset the product to resume normal operation by following the owner's manual. In case the function could not resume, please use the product in other location.

PRECAUTIONS

Please keep this manual in a safe place for future reference.

Power Supply

Please connect the designated AC adaptor to an AC outlet of the correct voltage.

Do not connect it to an AC outlet of voltage other than that for which your instrument is intended.

Unplug the AC power adaptor when not using the instrument, or during electrical storms.

Connections

Before connecting the instrument to other devices, turn off the power to all units. This will help prevent malfunction and/or damage to other devices.

Location

Do not expose the instrument to the following conditions to avoid deformation, discoloration, or more serious damage:

- Direct sunlight
- Extreme temperature or humidity
- Excessive dusty or dirty location
- Strong vibrations or shocks
- Close to magnetic fields

Interference with other Electrical Devices

Radios and televisions placed nearby may experience reception interference. Operate this unit at a suitable distance from radios and televisions.

Cleaning

- Clean only with a soft, dry cloth
- Do not use paint thinners, solvents, cleaning fluids, or chemical impregnated wiping cloths

Handling

- Do not apply excessive force to the switches or controls
- Do not let paper, metallic, or other objects into the instrument
- If this happens, unplug the AC adaptor from the wall outlet
- Then have the instrument inspected by qualified service personnel

Disconnect all cables before moving the instrument.

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INSTALLATION INSTRUCTIONS

Drum Module

Crash 1

Ride

Hi-Hat

Tom 1

Tom 2

Tom 3

Snare

Hi-Hat control

Kick

Product Lists

1. **Main Pad x 1**
2. **Cymbal x 3**
3. **Cymbal rod x 3**
4. **Drum Module x 1**
5. **Pedal x 2**
6. **Wiring Harness x 1**
7. **Adaptor x 1**
8. **Shoulder Bag x 1**
9. **Drum key and screws**
10. **Drum sticks**
11. **User manual**

Installation Steps

1. Install cymbal rods into the main pad console.
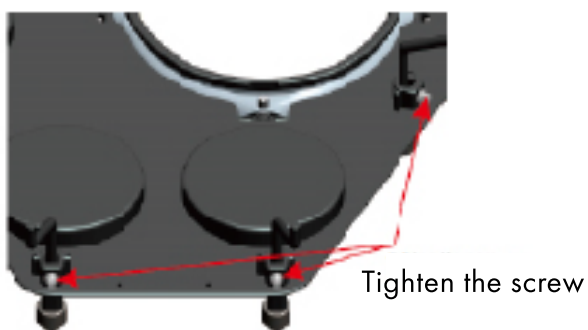
Tighten the screw

2. Adjust the height to your preference, and tighten the screw to secure to secure the rod.

3. Install the cymbals.
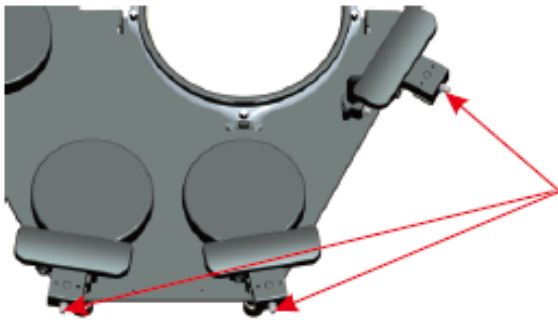
4. Adjust the cymbal height and tighten the screw.

Module holder should be installed under the main pad
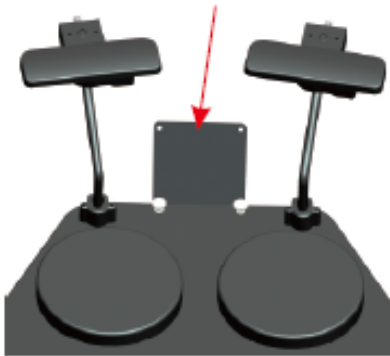
5. Use the finger screws to tighten the module mount.
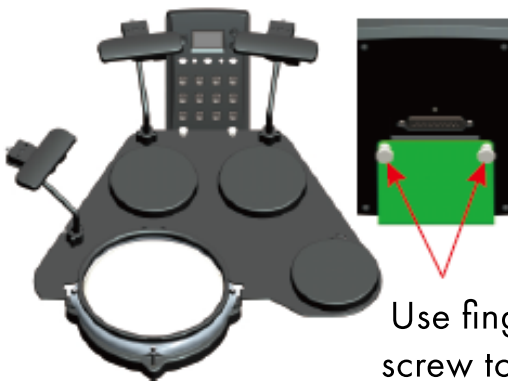
6. Install the module on the module mount using the finger screws.

Use finger screw to fix the module

7. Plug the cable harness into the rear of the drum module, and use the plastic-tipped finger screws to lock this in place.

Finger screw

Module mount should be installed under the main pad
Use finger screw to fix the module

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PANEL & DISPLAY DESCRIPTION

Front Panel

1. **POWER Button**
   This button turns the power on and off.

2. **LINE OUT Knob**
   Adjust the volume of line output.

3. **VOLUME Knob**
   Adjust the output volume.

4. **KIT Button**
   Enter the kit menu.

5. **COACH Button**
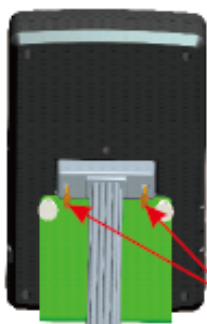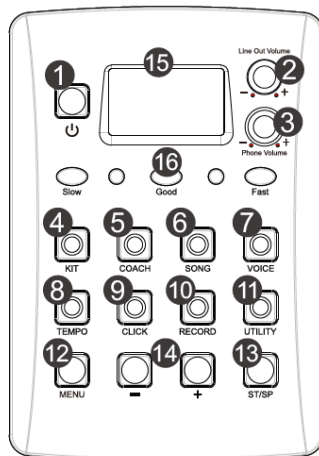   Enter the Coach menu.

6. **SONG Button**
   Enter the Song menu.

7. **VOICE Button**
   Enter the Voice menu.

8. **Tempo Button**
   Adjust the current tempo.

9. **CLICK Button**
   Turn the metronome on or off and enter the Click menu.

10. **RECORD Button**
    Enter the Record menu.

11. **UTILITY Button**
    Enter the Utility menu.

12. **MENU Button**
    In the VOICE, SONG, CLICK UTILITY mode, press the MENU button to enter the submenu.

13. **START/STOP Button**
    Start or Stop playback.

14. **+/- Button**
    Press the [+] button increases and [-] button decreases the current seleceted parameter.

15. **Main Display**
    Parameter display.

16. **LED Display**
    LED Indicators for Coach playing.

Real & Side Panel
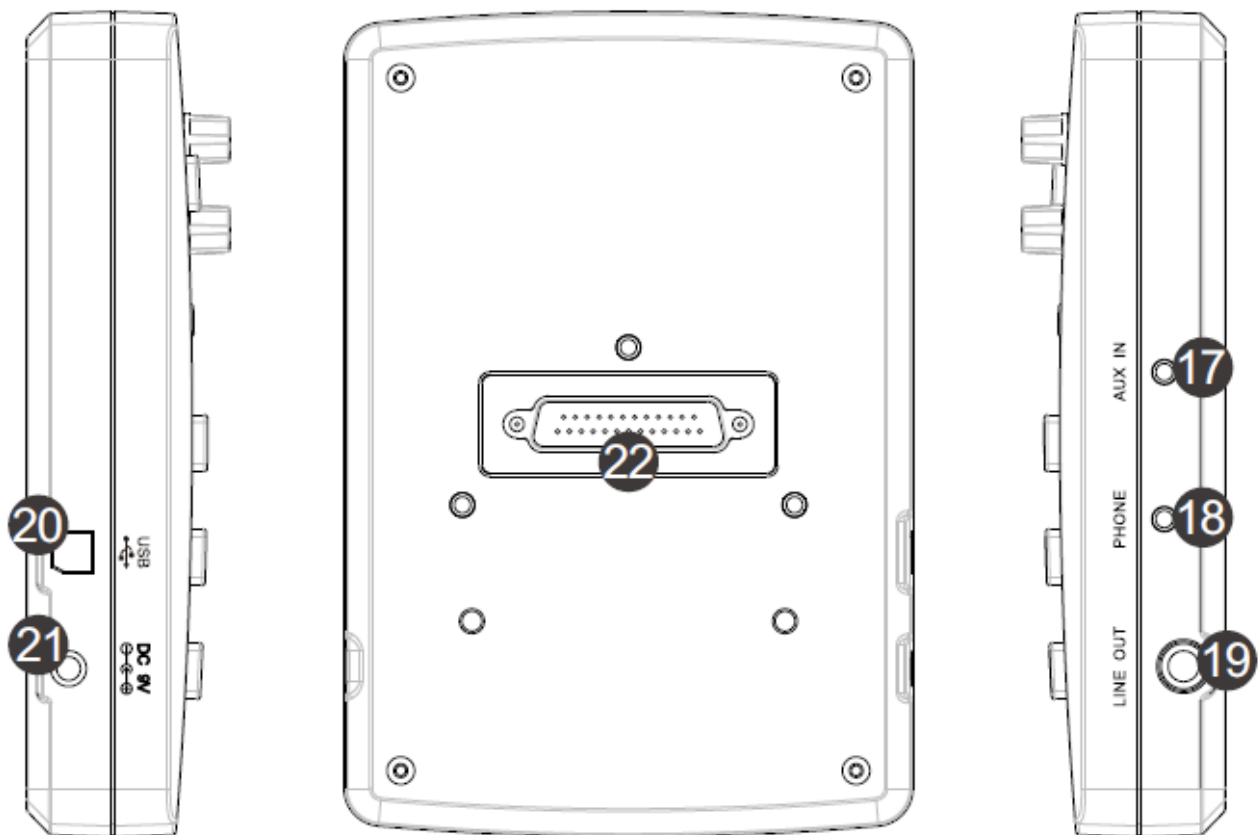
17. **AUX IN Jack (1/8")**

    This stereo input jack is for an external sound input, such as a phone, CD, or MP3 player.

18. **PHONES Jack (1/8")**

    This stereo output jack is used to connect headphones to the module.

19. **LINE OUTPUT Jack (1/4")**

    Stereo output connection to a PA, mixer, or drum amplifier.

20. **USB Connector**

    This port is used to connect to a computer (MIDI In/Out via USB).

21. **DC IN Jack**

    Connect the included DC 9V power adaptor.

22. **Wiring Harness Input**

    Input connections for the wiring harness, to connect to each pad, cymbal, and pedal.

SET UP

> ## CAUTION!
>
> To prevent electric shock and damage to the device, make sure the power is turned OFF on the drum and all related devices before installing the wiring harness.

Connecting Pads and Pedals

With the wiring harness installed and secured in the rear of the Drum Module, plug the corresponding cable tips into their respective pads, cymbals, and foot pedals.

The Snare uses a stereo input, so they support double triggering for both the snare and rimshot sounds.

Note: The CPD1000 is designed to be used on a flat surface, and is best used seated at a table.

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CONNECTIONS

Connecting Audio Equipment

When using an amplifier, connect the Output L/MONO jack located on the side of the drum module.

Note: The line output volume is controlled by the LINE OUT knob.

## Connecting Headphones

Connect your headphones to the PHONES jack located on the side of the drum module.

Note: The headphones output volume is controlled by the VOLUME knob.

Connecting an MP3/CD Player

Connect MP3 player or other audio source to the stereo AUX IN jack located on the side of the drum module. The input signal is mixed with the drum signal, allowing you to play along.
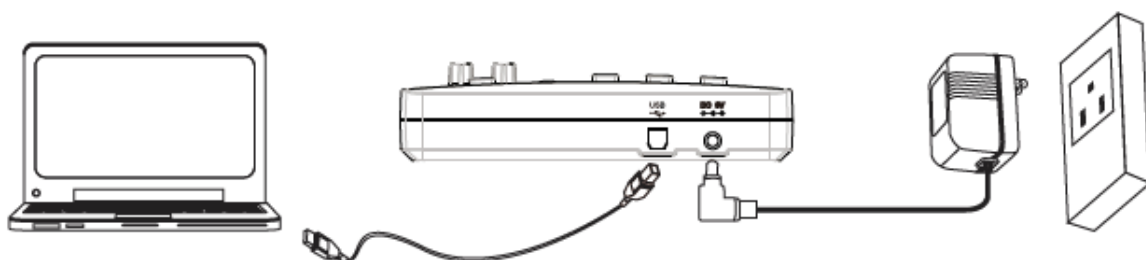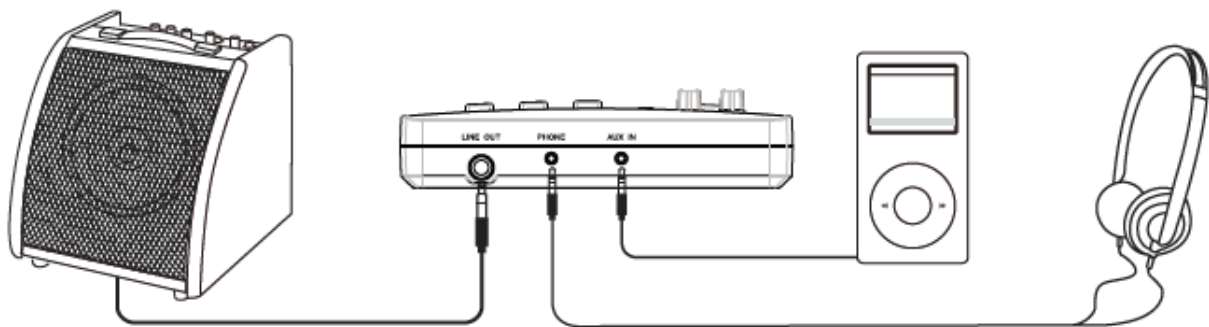
Connecting a Computer/MIDI

Use a Type B USB cable, which can receive and transmit MIDI messages to you computer.

Power Supply, Switch & Factory Reset

Connect the adaptor to the DC IN jack on the side panel. Ensure you have installed all the connectons correctly, and have turned down the volume before switching on the module. Press the power button to turn on the drum module, the display will show kit number 001.

Hold down the power button for 3 seconds to switch the drum module off.

Power the module on, then press and hold the [+] and [-] buttons for 5 seconds or until the display blinks.

PERFORMING

Selecting a Drum Kit

After powering up, the digital drum will be in KIT menu mode, with the KIT button lit up.

1. Use the [+] and [-] buttons to select your kit. There are 15 kits in the digital drum:

    • 10 preset kits (Kits 001-010)
    • 5 user kits (Kits U01-U05), displayed by the added letter "U"

2. Hit a pad to play the selected kit.

Playing the Pads

Similar to an acoustic drum kit, CPD1000 responds to various playing techniques and dynamics. All the pads are velocity sensitive, and some voices change timbre depending on the striking force. As such, do not hit the pads too hard, you can adjust these velocity and sensitivity settings if you need to.

Head

Head

Rim
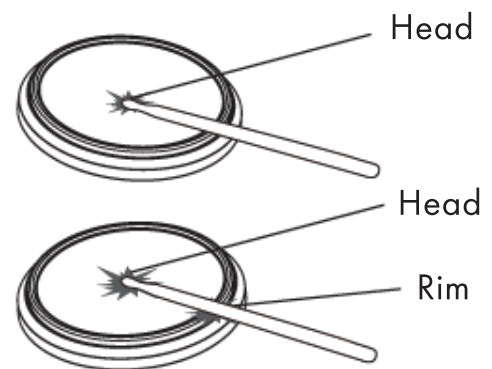
Drum Pad Head and Cymbal Pads

For the best response, strike the pads and cymbals gently but firmly in the center.
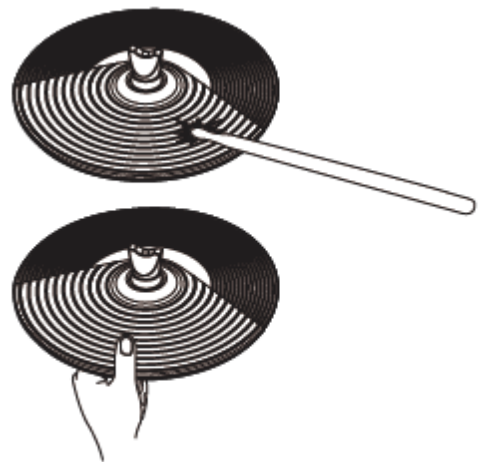
Hi-Hat

The Hi-Hat sound varies depending on the position of Hi-Hat pedal.

Open Hi-hat Sound: Strike the Hi-Hat pad without pressing the pedal.

Closed Hi-hat: Strike the Hi-Hat pad with the pedal pressed completely down.

Pedal Close Sound: Press the pedal completely down without striking the pad.

Adjusting the Sensitivity of a Pad

You can adjust the sensitivity of the pads to your playing style and desired dynamic range.

1. Press the [UTILITY] button to enter Utility mode, he UTILITY button will be lit to indicate this.

2. Strike a pad or press [+] or [-] button to select the pad or cymbal you want to adjust. The main display will indicate the current selected pad.

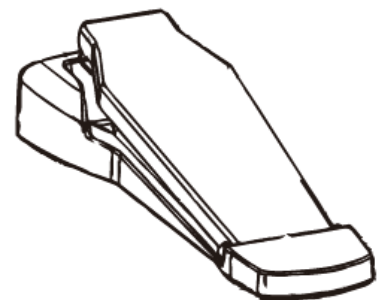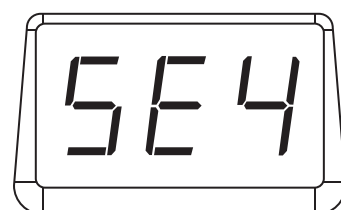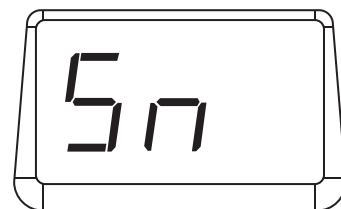3. Press the [MENU] button twice to enter the SENSITIVITY submenu.

4. Press the [+] or [-] button to adjust the sensitvity. The sensitvity range is from 1 to 16, and is saved automatically.

Using the Metronome/Click Feature

Press CLICK button to Start or Stop the Metronome function, the click LED will flash accordingly when metronome is engaged.

Press Menu button to enter the "Click" submenu
Press once to edit the time signature using the [+] or [-] button
Press twice to edit the interval using the [+] or [-] button
Press three times to edit the Volume using the [+] or [-] button

Time signature: 1~9/2, 1~9/4, 1~9/8, 1~9/16
Volume of metronome: 0 to 31

Adjusting the Tempo

You can adjust the tempo of the Metronome, the current song, and the current coach practice, all using the tempo button.

1. Press the [TEMPO] button
2. Use the [+] or [-] buttons to adjust the current tempo

Note: In a submenu, if there's no operaton for 3 seconds, it will return to the previous menu page automatically.

EDITING AND SAVING A DRUM KIT

You can modify and save custom parameters to each user kit.

Adjusting the Volume of a Drum Kit

1. Press the [KIT] button, then use the [+] or [-] button to select the kit you want to edit.

2. Press the [MENU] button once to enter the Volume page.

3. Use the [+] or [-] button to adjust the kit volume. The kit volume range is 0 to 31.

Volume

L06
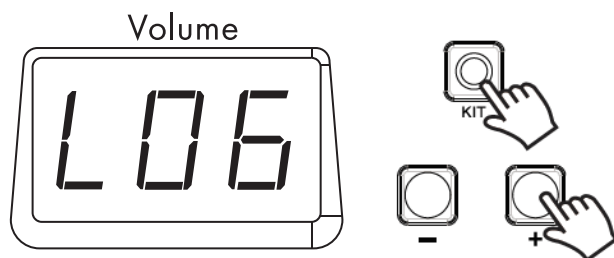
Selecting the Drum Voice for a Pad or Cymbal

1. Press the [Voice] button to enter the Voice submenu.

2. Strike a pad to select the pad.

3. Use the [+] or [-] button to select the voice.
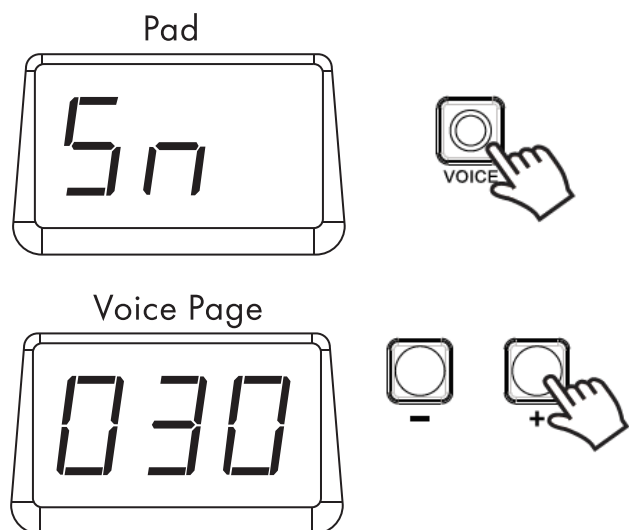
The full voice list can be found on page 22

Pad

Sn

Voice Page

030

Adjusting the Volume of the Pad

1. Press Voice button.

2. Press the [MENU] button to enter Volume page.

3. Use the [+] or [-] button to adjust the voice volume of a pad, the volume range is 0 to 31.

Volume

L06
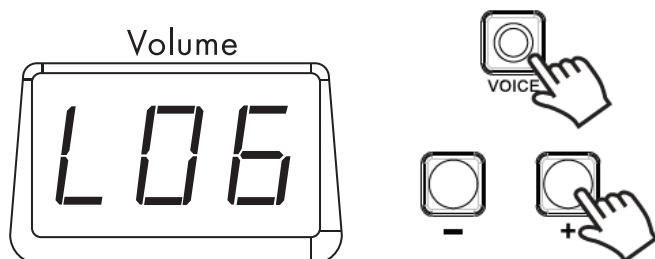
Saving a User Kit

1. Press and hold the [KIT] button until the display flashes.

2. Use the [+] or [-] button choose the user kit you want to save to.

3. Press and hold the [KIT] button until the display flashes to save the settings to the selected user kit.

User kit
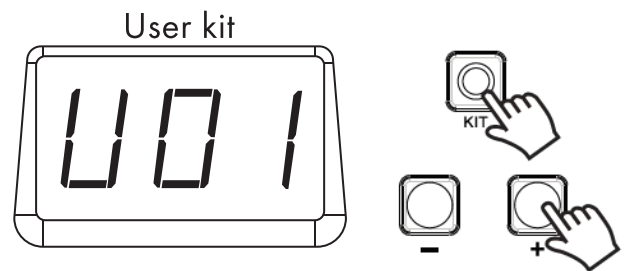
PLAYING ALONG WITH SONGS

Selecting and Playing Back a Song

1. Press the [SONG] button to enter the Song menu mode.

2. Press the [+] or [-] button to select a song you want to play with. The CPD1000 has 30 inbuilt songs. Please refer to Song List on page 24.

3. Use the [ST/SP] button to start or stop song the playback.
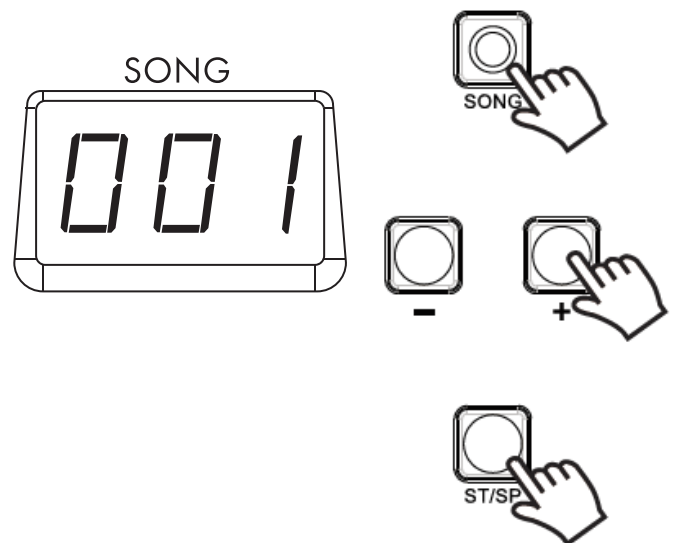
SONG

Adjusting the Volume of the Song

In Song model

1. Press the [SONG] button to enter the Song menu mode.

2. Press the [MENU] button to enter Volume submenu.

Volume

3. Press the [+] or [-] button to adjust the song volume.
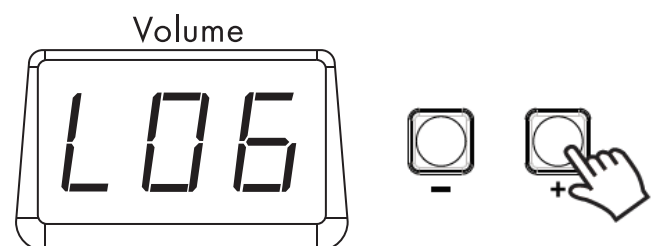
Muting the Drums in Songs

1. Press the [SONG] button to enter the Song menu mode.

2. Press the [MENU] button twice to enter the Drum submenu.

3. Press the [+] or [-] button to set the drum sounds on or off.

Drum On

Drum Off
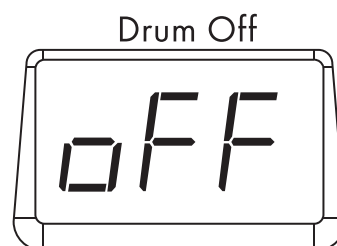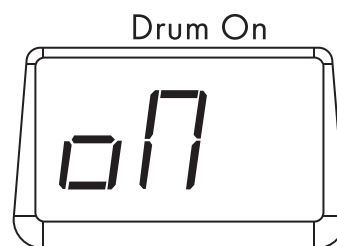
RECORDING YOUR PERFORMANCE

1. Press the [RECORD] button to enter recording mode.

2. In recording mode press the [START/STOP] button to start or stop your recording.

3. If you are in recording mode, press the [RECORD] button to exit and cancel the recording.

Notes:

1. When you enter recording mode the guide metronome will automatically start recording, you can press the [CLICK] button to silence this.

2. Press the [START/STOP] to begin recording, start recording after the guide metronome and LCD display indicate to begin.

3. Press the [START/STOP] button again to stop recording. Recording automatically saves to "U01".

Quick Record

1. Press the [RECORD] button to enter recording mode.

2. Press the [ST/SP] button to start recording.

3. Press the [ST/SP] button again to stop recording.

Drum Off

oFF

RECORD

Time signature

4 - 4
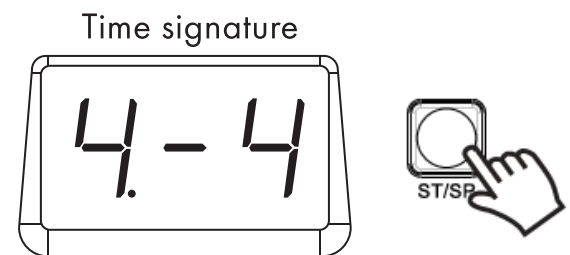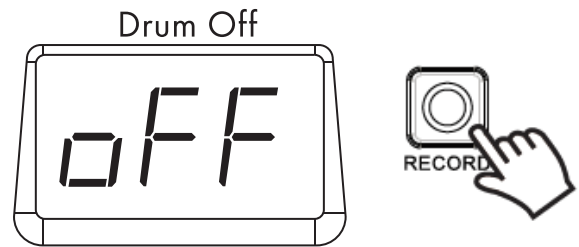
ST/SP

Playing Back your Performance

1. Press the [SONG] button to enter Song mode.

2. Use the [+] or [-] button to select song U01.

3. Use the [ST/SP] button to start or stop playback.

If you start recording again, the new recording automatically replaces the previous recording.

SONG

U01

SONG

– +

ST/SP

21
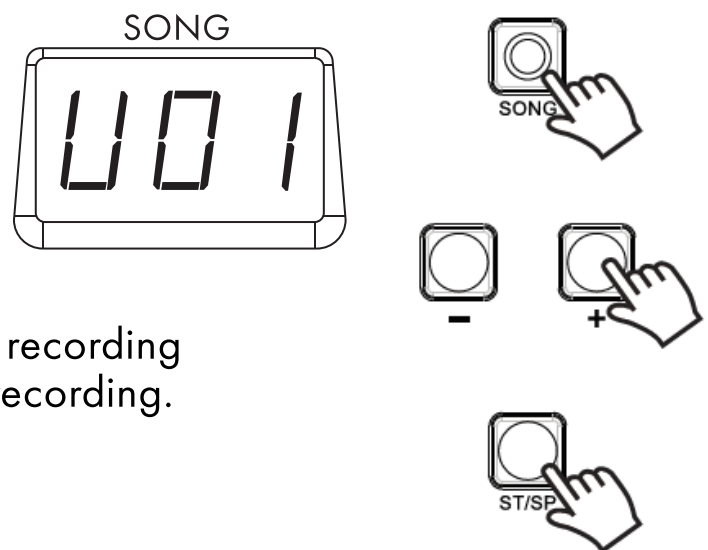
COACH

There are two types of practce mode; basic practice and super practice.

Basic: Test your timing skills using the Snare
Super: Practice using the whole kit

Selecting a Beat or Rhythm to Practice

1. Press the [COACH] button to enter the Coach Index submenu.

2. Press the [+] or [-] button to select the beat or rhythm which you want to practice.

3. Press the [MENU] button to enter Coach Mode.

4. Select the OFF mode to practice your beats in an infinite loop, and the ON mode to cycle 3 times, with 4 beats per cycle.

COACH INDEX

8 0 1

COACH Mode

4 - 0

SONG

− +

ST/SP
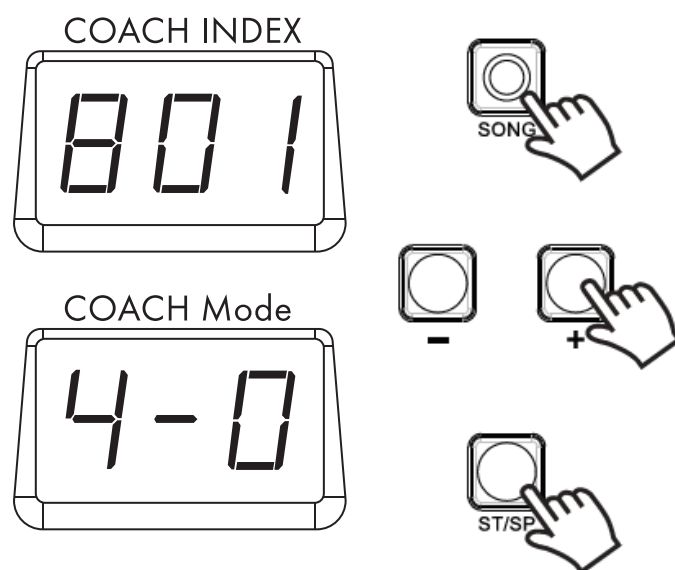
Notes:

There are 5 types coach mode for player to choose.
4 – 0: Coach in all 4 measures.
3 – 1: Coach in 1st, 2nd, 3rd measures, and 4th measure for free practice.
1 – 1: Coach in 1st, 3rd measures, and 2nd and 4th measure for free practice.
2 – 2: Coach in 1st, 2nd measures, and 3rd and 4th measure for free practice.
1 – 3: Coach in 1st measures, and 2nd, 3rd and 4th measure for free practice.

Scoring your Practice

If you want to check your progress, please set the score mode to be ON.

1. Press the [MENU] button again to enter the Score subemenu. Set the Score mode ON.

2. Press the [ST/SP] button and start practicing with Score mode.

BEAT AND RHYTHM

Basic type show as follows:

PERSONALISING THE PAD SETTINGS

About Settings of Pads

You can adjust any of the following settings from Utility mode. Press the [UTILITY] button to enter Utility mode, when engaged, the [UTILITY] button will be lit. You can use [+] or [-] or [-] button to choose which pad you want to adjust the parameters for.

All parameters will save automatically after selecting them, and the module will return to the previous menu if there is no operaton for 3 seconds.

Threshold: This setting allows a trigger signal to be received only when the pad is struck harder than a specified force. This can be used to prevent a pad from sounding in response to extraneous vibrations from another pad.

Press the [UTILITY] button, the display will show the current threshold value (e.g. "th2'), use the [+] or [-] buttons to adjust this.

Sensitivity: Adjust the sensitivity of the pad to regulate the pad response. Higher sensitivity settings mean that the pad will produce a loud volume even when struck softly.

Press the [MENU] button again, the display will show the current Sensitivity value (e.g. "S03"), use the [+] or [-] buttons to adjust this.

Pad Settings		
Pad	Threshold (1-8)	
	Sensitivity (1-16)	
	Crosstalk (0-9)	
	Retrig Cancel (1-16)	
	Curve (1-6)	
Special	Rim-Adjust (1-6)	
	Transmit Midi Channel (1-16)	

Threshold

bh4

Sensitivity

SE4

Rim Adjustment

rA4
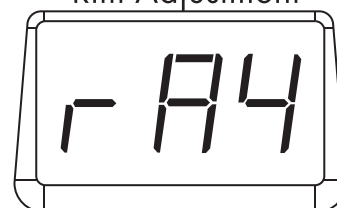
Crosstalk: The vibration produced by hittng one pad may trigger the sound from another pad unintentionally, this is called crosstalk. You can avoid this accidental triggering by setting the Crosstalk value, so that when two pads are played simultaneously, the one that is struck less forcefully will not trigger. Be careful to set this parameter to the minimum value required to prevent crosstalk, but still allow you to use the kit effectively.

Crosstalk

[r3

With a setting of 0, crosstalk prevention does not function.

Press the [MENU] button, the display will show the current Crosstalk value (e.g. "Cr3"), use the [+] or [-] buttons to adjust this.

Press the [MENU]] button until the display shows the current Retrig Cancel (e.g. "r05"), use the [+] or [-] buttons to adjust this.

Press the [MENU] button until the display shows the current Aim Adjust value (e.g. "rA3"), use the [+] or [-] buttons to adjust this.

Press the [MENU] button until the display shows the current Trans Midi Channel value (e.g. "h08"), use the [+] or [-] buttons to adjust this.

Curve: Curve refers to how the trigger signal's dynamic response relates to your pad hit, and this setting allows you to control the relation between the velocity (striking force) and changes in volume (the dynamic curve), so that the acoustic response feels as natural as possible.

Curve

[U4
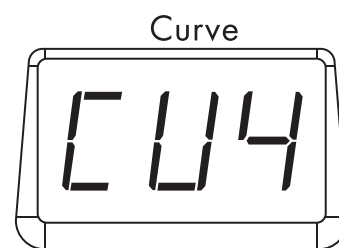
Press the [MENU] button until the display shows the current Curve value (e.g. "CU8"), use the [+] or [-] buttons to adjust this.

Curve1: The standard setting, this produces the most natural correspondence between your playing dynamics and volume change.

Curve 2 and 3: Compared to Curve1, these have strong dynamics that produce a greater change.

Curve 4 and 5: Compared to Curve1, softer playing produces a greater change.

Curve6: Very little dynamic response, making it easy to maintain strong volume levels. If using drum triggers, these settings help maintain stable levels.

Retrig-Cancel: This setting prevents double triggering (retriggering) in response to a single strike. In particular for a drum trigger, the waveform is irregular, which can cause trigerring to occur. This is especially likely to occur as the waveform diminishes. The Retrig Cancel setting detects this irregularity in the waveform and prevents false triggering from occurring.
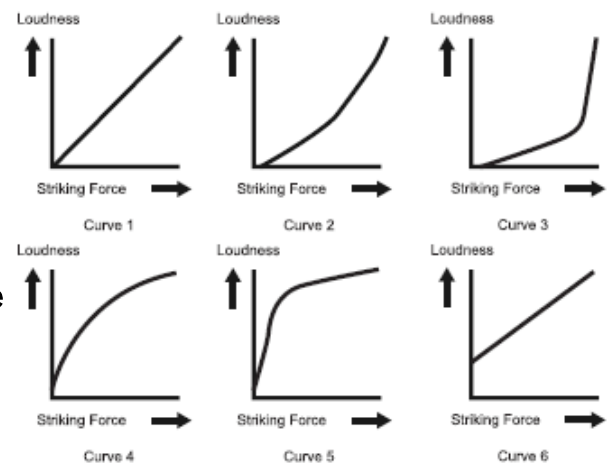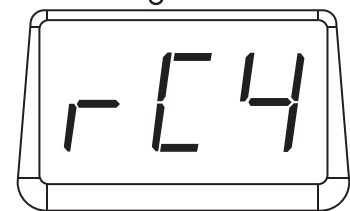
Saving Settings of Pads

After adjusting the trigger settings, you can save them into memory. In UTILITY menu, press and hold the [UTILITY] button, the module will store all pad settings.

Note:

1. If you turn off the power without saving, you will lose any trigger setting changes you have made.
2. These parameters affect all of the kit sounds.

DRUM KIT LISTS

NO.	Preset Kit
1	ROCK
2	POP
3	FUNK
4	METAL
5	JAZZ
6	BRUSH
7	VINTAGE
8	LATIN
9	DANCE
10	CONCERT

DRUM INSTRUMENT LISTS

NO.	Name	NO.	Name
	KICK		**SNARE**
1	KICK01	26	SNARE01
2	KICK02	27	SNARE02
3	KICK03	28	SNARE03
4	KICK04	29	SNARE04
5	KICK05	30	SNARE05
6	KICK06	31	SNARE06
7	KICK07	32	SNARE07
8	KICK08	33	SNARE08
9	KICK09	34	SNARE09
10	KICK10	35	SNARE10
11	KICK11	36	SNARE11
12	KICK12	37	SNARE12
13	KICK13	38	SNARE13
14	KICK14	39	SNARE14
15	KICK15	40	SNARE15
16	KICK16	41	SNARE16
17	KICK17	42	SNARE17
18	KICK18	43	CONCERT SN
19	KICK19	44	BRUSH SN
20	KICK20	45	SN_808
21	CONCERT BD1	46	SN_909
22	CONCERT BD2	47	SN_SDX
23	KICK_808	48	SIDESTICK1
24	KICK_909	49	SIDESTICK2
25	KICKSDX	50	SIDESTICK3

NO.	Name	NO.	Name
	SNARE		**HIHAT**
51	SIDESTICK4	101	CLOSED IHAT1
52	SIDESTICK5	102	CLOSED IHAT2
53	SNARERIM1	103	CLOSED IHAT3
54	SNARERIM2	104	CLOSED IHAT4
55	SNARERIM3	105	CLOSED IHAT5
56	SNARERIM4	106	CLOSED IHAT6
57	SNARERIM5	107	CLOSED IHAT7
58	SNARERIM6	108	CLOSED IHAT8
59	SNARERIM7	109	CLOSED IHAT9
	TOM	110	CLOSED IHAT10
60	TOM1H	111	CLOSED IHAT11
61	TOM1M	112	CLOSED IHAT12
62	TOM1L	113	PEDAL HIHAT1
63	TOM1F	114	PEDAL HIHAT2
64	TOM2H	115	PEDAL HIHAT3
65	TOM2M	116	PEDAL HIHAT4
66	TOM2L	117	PEDAL HIHAT5
67	TOM2F	118	PEDAL HIHAT6
68	TOM2LF	119	PEDAL HIHAT7
69	TOM3H	120	PEDAL HIHAT8
70	TOM3M	121	PEDAL HIHAT9
71	TOM3L	122	PEDAL IHAT10
72	TOM3F	123	PEDAL IHAT11
73	TOM4H	124	PEDAL IHAT12
74	TOM4M	125	OPEN HIHAT1
75	TOM4L	126	OPEN HIHAT2
76	TOM5H	127	OPEN HIHAT3
77	TOM5M	128	OPEN HIHAT4
78	TOM5L	129	OPEN HIHAT5
79	TOM6H	130	OPEN HIHAT6
80	TOM6M	131	OPEN HIHAT7
81	TOM6F	132	OPEN HIHAT8
82	BRUSHTOMH	133	OPEN HIHAT9
83	BRUSHTOMM	134	OPEN HIHAT10
84	BRUSHTOML	135	OPEN HIHAT11
85	TOM808H	136	OPEN HIHAT12
86	TOM808M	137	LOOSE HIHAT1
87	TOM808L	138	LOOSE HIHAT2
88	TOM808F	139	LOOSE HIHAT3
89	ELE TOMH	140	LOOSE HIHAT4
90	ELE TOMM	141	LOOSE HIHAT5
91	ELE TOML	142	LOOSE HIHAT6
92	ELE TOMF	143	LOOSE HIHAT7
93	TOM909H	145	ELE HIHAT1
94	TOM909M	146	ELE HIHAT2
95	TOM909L	147	ELE HIHAT3
96	TOM909F	148	ELE HIHAT4
97	TOMSDXH	149	ELE HIHAT5
98	TOMSDXM		
99	TOMSDXL		
100	TOMSDXF		

NO.	Name	NO.	Name
	CRASH	194	METRO_CLICK
150	CRASH01	195	METRO_BELL
151	CRASH02	196	808_CLAP
152	CRASH03	197	TAMBRINE
153	CRASH04	198	COWBELL1
154	CRASH05	199	COWBELL2
155	CRASH06	200	ECOW BELL
156	CRASH07	201	VSLAP
157	CRASH08	202	HIBONGO
158	CRASH09	203	LOBANGO
159	CRASH10	204	MUTECONGA1
160	CRASH11	205	HICONGA1
161	SPLASH01	206	LOCONGA1
162	SPLASH02	207	HSTIMBLH
163	SPLASH03	208	HSTIMBLL
164	BRUSH CRASH1	209	HIAGOGO
165	BRUSH CRASH2	210	LOAGOGO
166	BRUSH CRASH3	211	CABASA
167	CHINACRASH1	212	MARACAS
168	CHINACRASH2	213	WHISTLE_S
169	CONCERT CRASH	214	WHISTLE_L
170	ELE CRASH1	215	GUIRO_S
171	ELE CRASH2	216	GUIRO_L
172	ELE CRASH3	217	CLAVE1
173	ELE CRASH4	218	WBLK_H
174	ELE CRASH5	219	WBLK_L
175	ELE CRASH6	220	CUICA_M
	RIDE	221	CUICA_O
176	RIDE1	222	MTRINAGLE
177	RIDE2	223	OTRIANGLE
178	RIDE3	224	SHKR1
179	RIDE4	225	JNGLBL
180	RIDE5	226	BLLTREE
181	RIDE6	227	CSTNTS1
182	RIDE BELL1	228	SURDO_M
183	RIDE BELL2	229	SURDO_O
184	RIDE BELL3	230	CLICK_808
185	RIDE BELL4	231	COWBELL_808
186	ELE RIDE1	232	TIMPANI
187	ELE RIDE2	233	RECYMBAL
	PERCUSSION	234	DOWN
188	HI Q	235	DJEMBEL
189	SLAP	236	DJEMBEH
190	SCR_PUSH	237	DJEMBEM
191	SCR_PULL	238	TAIKO
192	STICK	239	TAIKOS
193	SQ_CLICK	240	LOGONG

DEMO SONG LISTS

NO.	Name
1	16BEAT1.mid
2	16BEAT2.mid
3	16BEAT3.mid
4	8BEAT1
5	8BEAT2
6	ROCK1
7	ROCK2
8	ROCK3
9	ROCK4
10	BALLAD1
11	BALLAD2
12	BALLAD3
13	BALLAD4
14	BASSLINE
15	POP BALLAD
16	DANCE1
17	DANCE2
18	DANCE3
19	POP
20	BEGUINE
21	FUNK
22	SWING1
23	SWING2
24	SWING3
25	SWING4
26	LATIN1
27	LATIN2
28	SLOWROCK1
29	SLOWROCK2
30	JAZZ