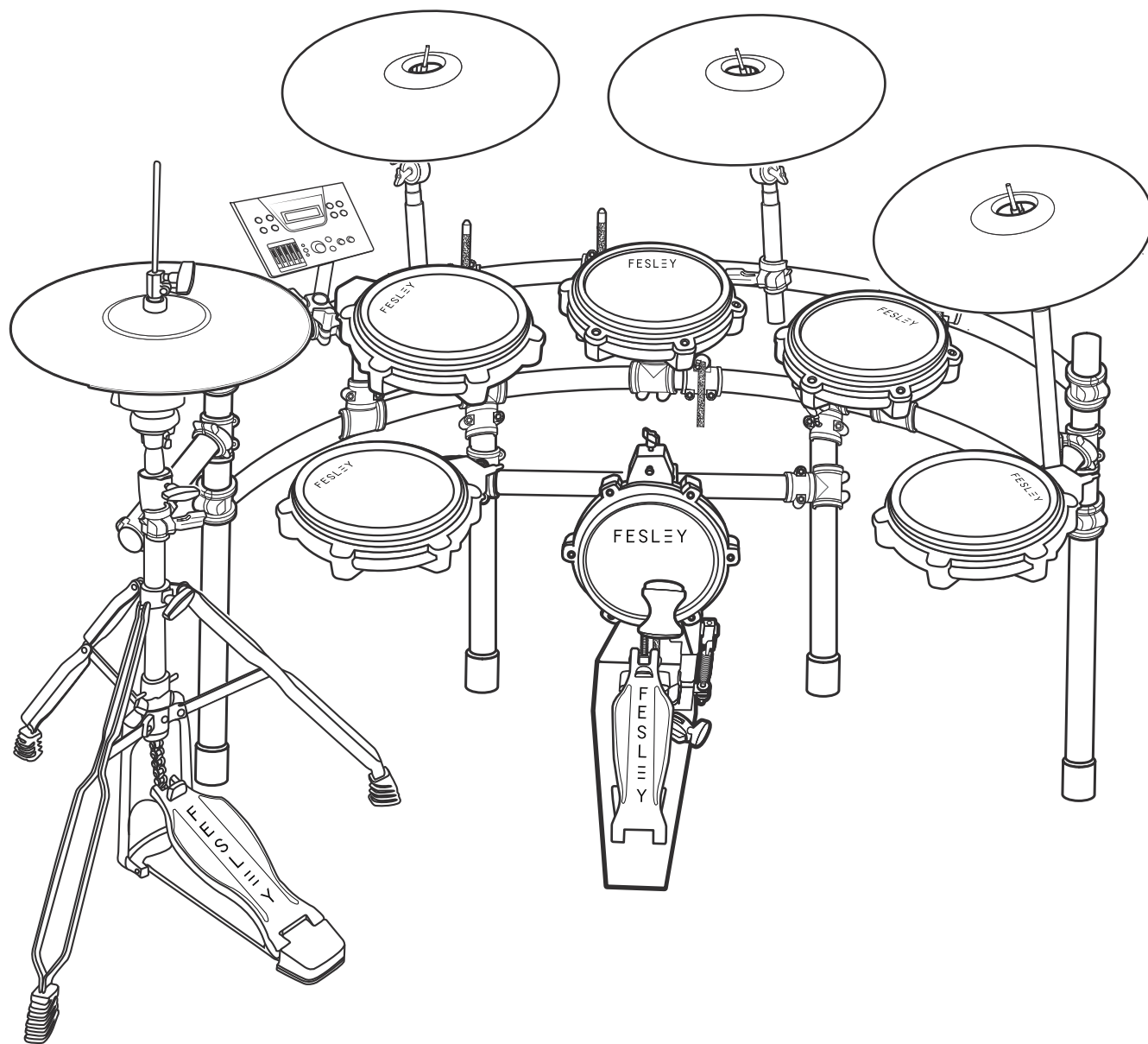# FESLEY
TO LEAD A NEW COOL

FED-1100W

USER MANUAL

MULTIFUNCTIONAL ELECTRONIC DRUM

Electronic Drum Set

To connect directly with our Support team

1-877-748-4799 (PST 8:00 am-5:00 pm, Mon-Fri)

support@fesleymusic.com

www.fesleymusic.com

👉 CONTENTS

- Please follow the instructions and read the "safety precautions" in the User Manual carefully before using .
- This product must be installed by adult , please do not let the minor install it independently.

✸ Mechanical hammer kick drum pedal

The mechanically simulated kick drum pedal brings you a real feeling of pedaling.

6-layer dynamic layering close to acoustic drum performance;
Support 6 drums and 4 cymbals;
30 drum kits, including 25 built-in drum kits and 5 user-defined drum kits;
44 Demo Songs
16 x 2 LCD screen display;
Interface: USB MIDI earphone, line input, line output.
Support recording, and recording playback;
Support adjusting parameters such as sensitivity, velocity, volume, crosstalk value, and repeated triggering of each drum;
Other functions: teaching, parameter storage, reset, metronome, etc.;

Note!

- This product is an electronic electro-acoustic musical instrument. It is normal that the speakers or earphones to have a little current sound after power on. During using, please stay away from "radio, TV, antenna receiver, router, refrigerator, TV, electrical appliances with motors and other sources of radio frequency electrical interference".
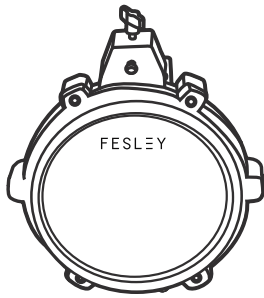
Bass/Kick Drum

Kick Pedal for Bass Drum
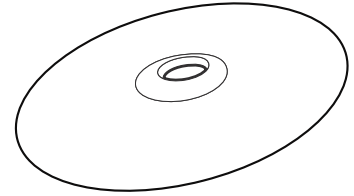
Cymbal×4

Tom×4
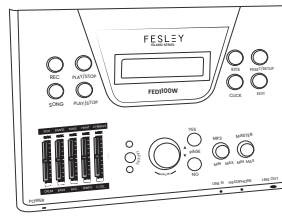
Sound Module
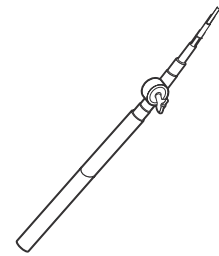
Cymbal mount (x 3)
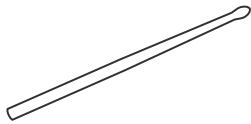
Drum stick (x 2)

Stopper for Drum (x 5)

Nut for Cymbal (x 3)

Cymbal holder (x 3)

Felt Washer for Cymbal (x 3)
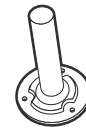
Stopper for Sound Module
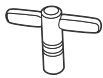
Drum Key

Wing Volt for Sound Module (x 3)

AC Adaptor
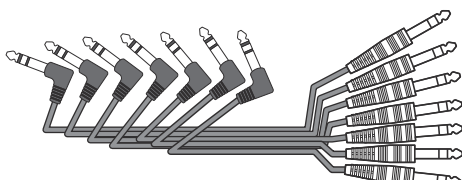
Connection cable for Pads (x 9)
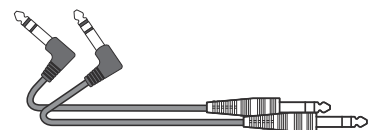
Connection cable for Pedal (x 2)

02 Loosen the hand knobs and spread the left and right legs of the stand as shown in the illustration.
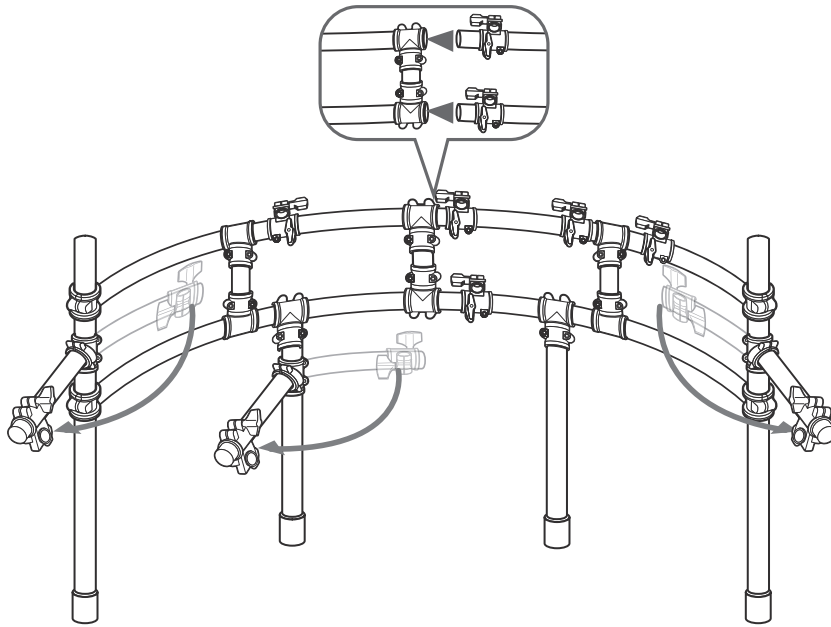
03 Attach the cymbal mounts (two locations) and drum mounts (five locations) as shown in the illustration.
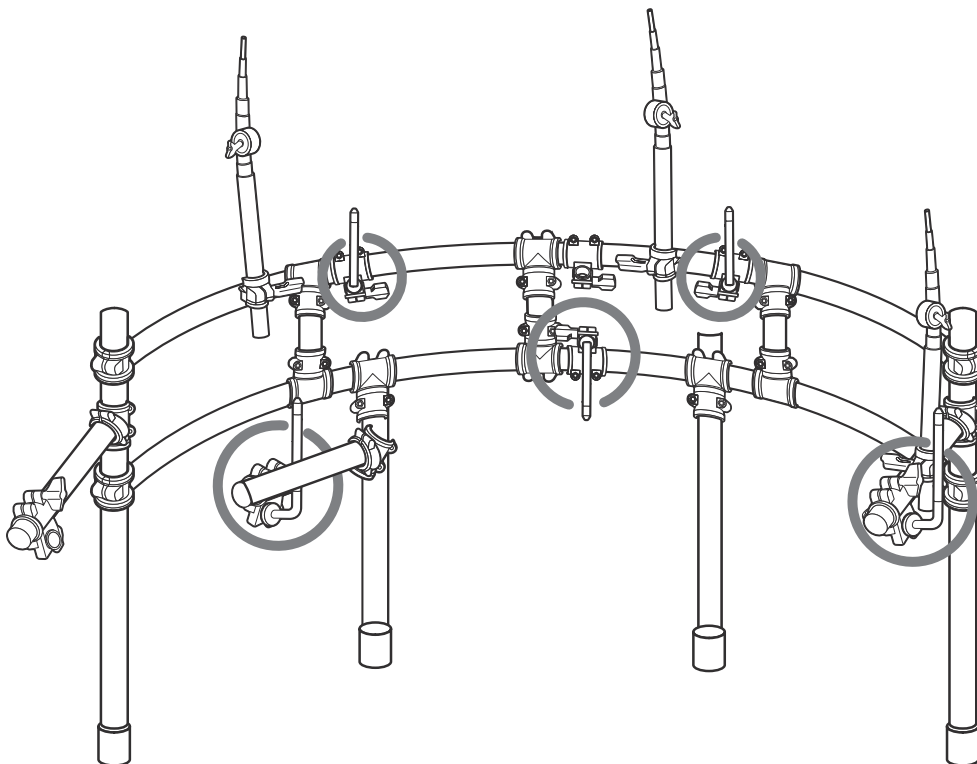
04 Assemble the Pedal to the Bass Drum.
① Fix the chain to the enclosures of the half- moon shape in the direction of the arrow.
② Fit the connect section of the kick pedal holder into the bass drum's connection stopper.
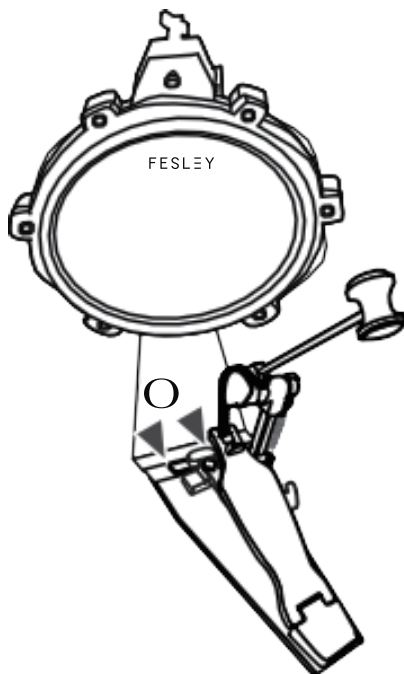
05 Attach the stopper to the bottom side of the sound module with bolts.
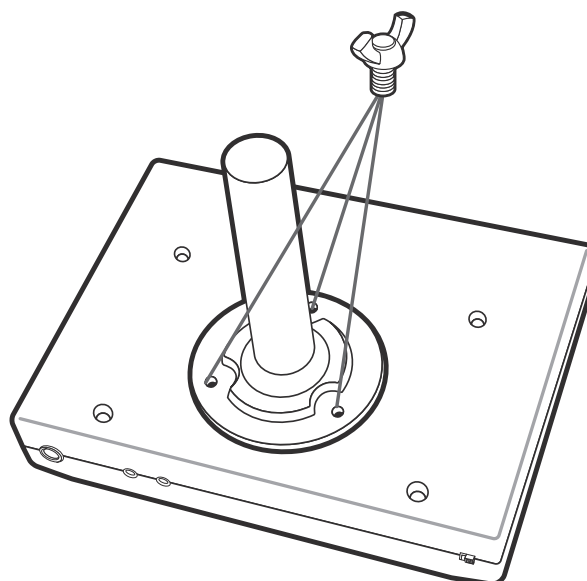
06 Assemble the Hi-Hat Cymbal and Pedal to the Pedal stand.
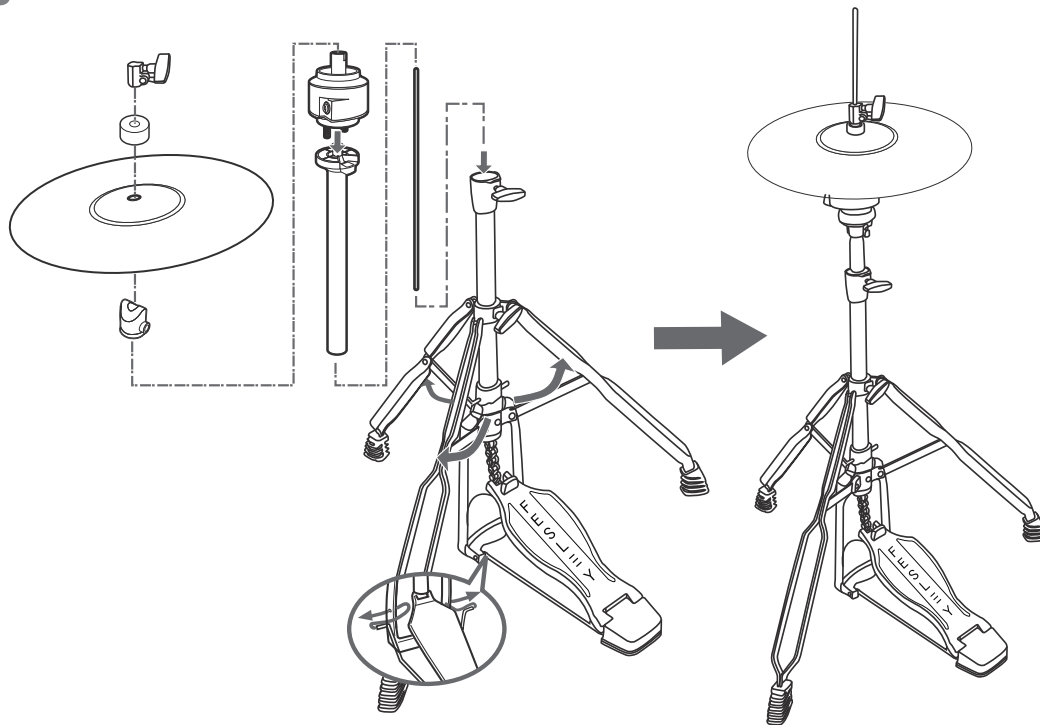
07 Attach the all parts, and adjust the positions of the pads and the sound module to your liking.

Crash Cymbal 1

Ride Cymbal

Sound Module

Crash Cymbal 2

Hi-Hat Cymbal

Tom 1

Tom 2

Tom 3

Snare

Bass/Kick

Tom 4

Pedal Stand for Hi-Hat Controller

Kick Pedal for Bass Drum
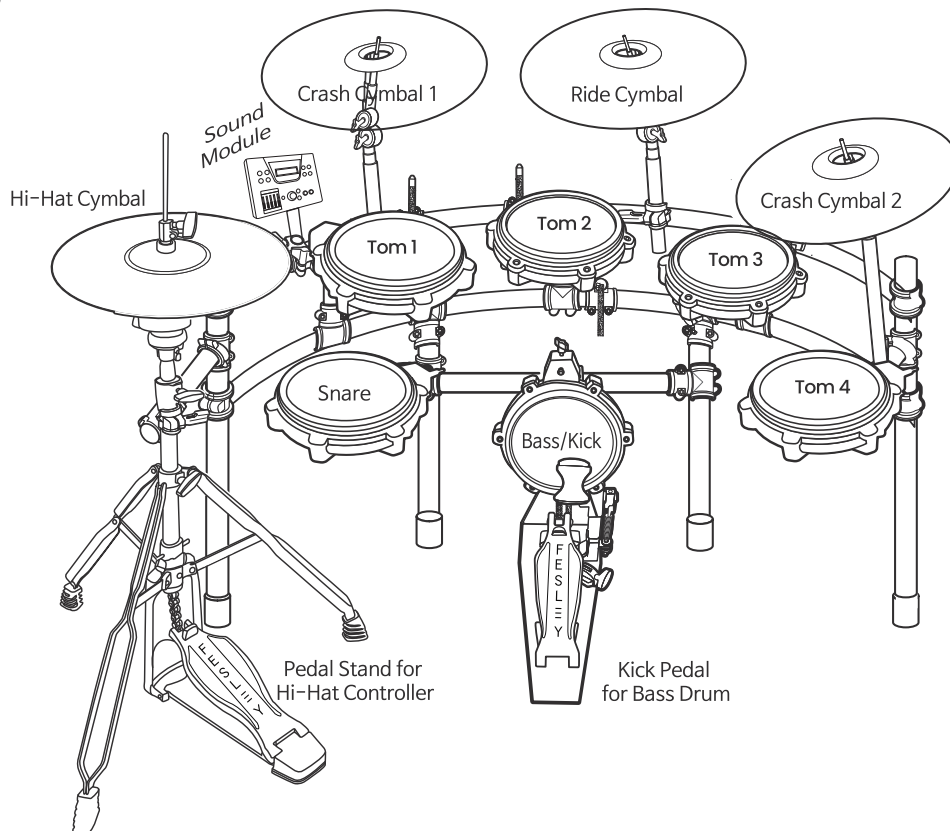
08

Connect the pads to the sound module.

- BD: Bass Drum
- SD: Snare Drum
- T3: Tom 3
- T2: Tom 2
- T1: Tom 1
- RD: Ride Cymbal

- CR: Crash Cymbal 1
- HH: Hi-Hat Cymbal
- HHC: Hi-Hat Control
- T4: Tom 4
- CR2: Crash Cymbal 2
- USB： MIDI in/out

Rear panel of the sound module

BD SD T3 T2 T1 RD CR HH HHC T4 CR2 USB DC 7V

Crash Cymbal 1

Ride Cymbal

Sound Module

Hi-Hat Cymbal

Tom 1

Tom 2

Tom 3

Crash Cymbal 2

Snare

Bass/Kick

Tom 4

Pedal Stand for
Hi-Hat Controller

Kick Pedal
for Bass Drum
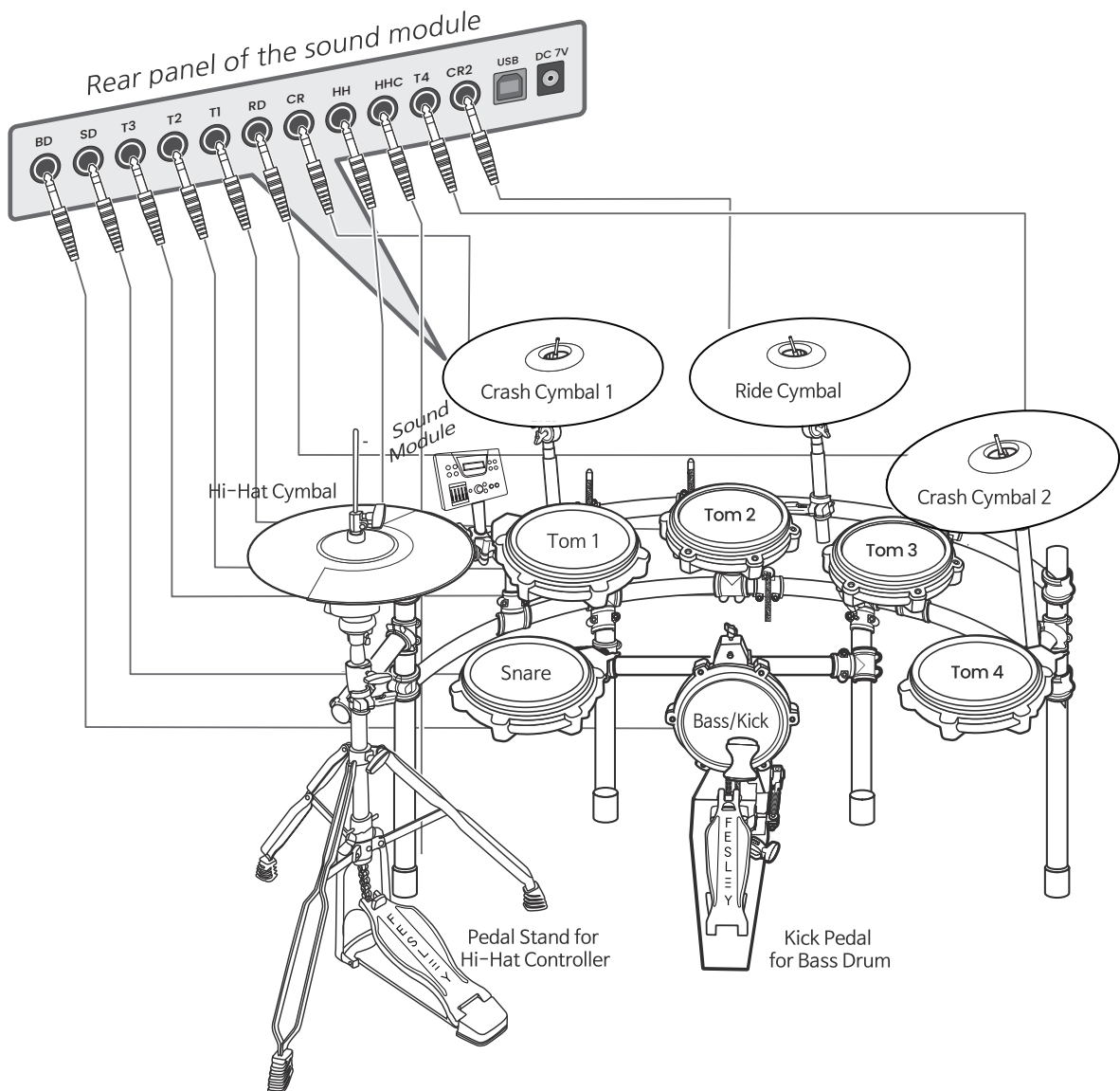
☞ INSTALLATION GUIDE

09 If equipped, attach the additional part such as the drum chair.
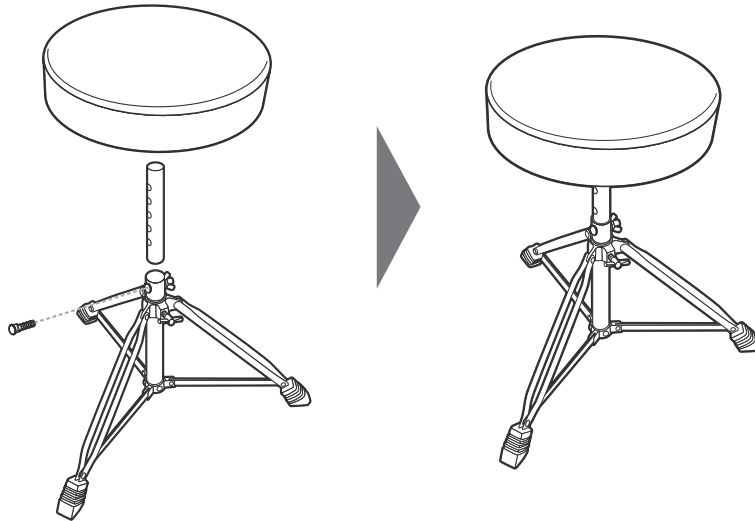
10 Ensure that your sound module is turned off. Insert the power adaptor's DC plug into the connector on the backpanel of the module. Plug the power adaptor's AC power cord into an AC wall socket or another electrical outlet.

Back side of the sound module
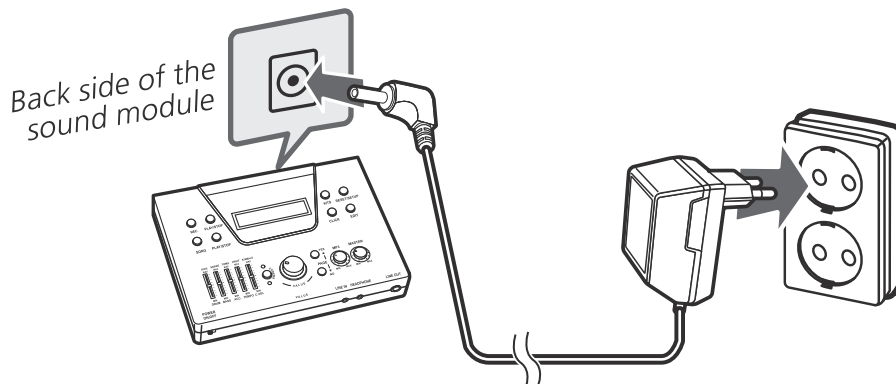
WARNING

- Use only the power adaptor that came with your sound module.
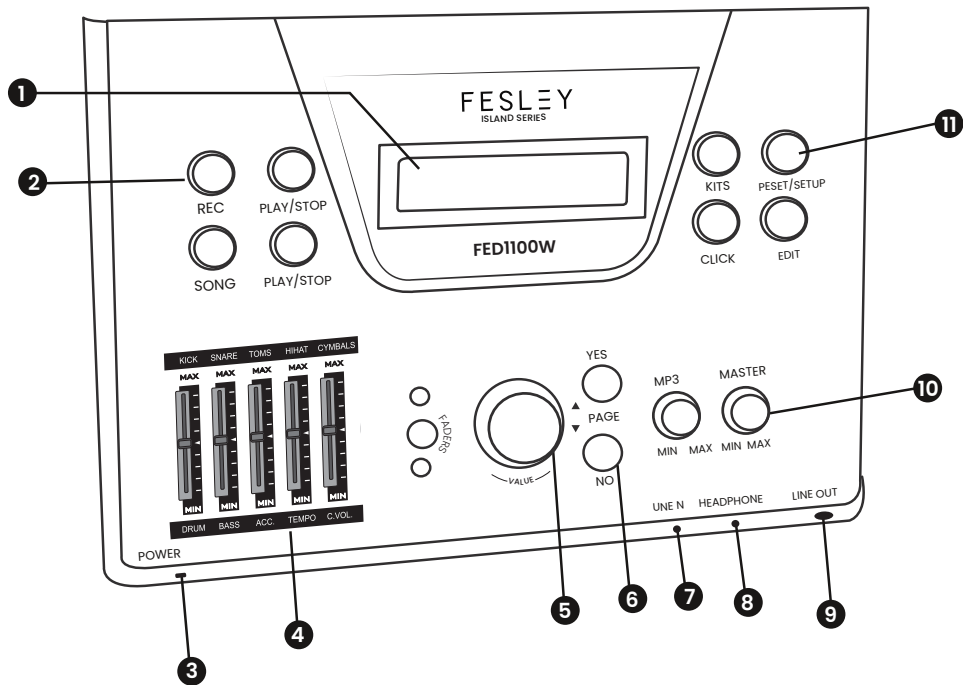
1. Display Window
Displays the operation information and data

2. Record/Playback
REC KEY : Record the drum performance.
PLAY/ STOP KEY : Play or pause the performance.
SONG KEY : Inputs the song
PLAY/ STOP KEY : Plays or pauses the song.

3. POWER ON/OFF Switch
Push to right : Turn on the device
Push to left : Turn off the device

4. Volume Balence/Tempo
FADER WITH LIGHT: Volume selection area.
HIGH ZONE: Kick Drum, Snare, Toms, Cymbal, adjust the volume of each drum or cymbal.
SONG ZONE: Volume control for drums, bass, center controller, metronome, etc.

5. VALUE Knob
Convert the drum sound quality, sets the program, and adjusts the volume.

6. PAGE Key
Convert the settings item, and confirm or deselect the item.

7.MP3/AUX INPUT Jack
Connect a removable audio device.

8. HEADPHONE Jack
Headphone jack

9. AUDIO OUTPUT Jack
Connect an audio output device.

10. In/Out volume
MP3 Adjustment: Adjust the input volume of MP3.
MASTE R Adjustment: Adjust the output volume of the audio mixer connected to the output device interface.

11. Setup/EDIT control area
KITS KEY: Enter the mode of the drum kit.
RESET/SETUP KEY: Enter the system setup mode.
CLICK KEY: Enter metronome mode.
EDIT KEY: Enter the edit mode for the selected function.
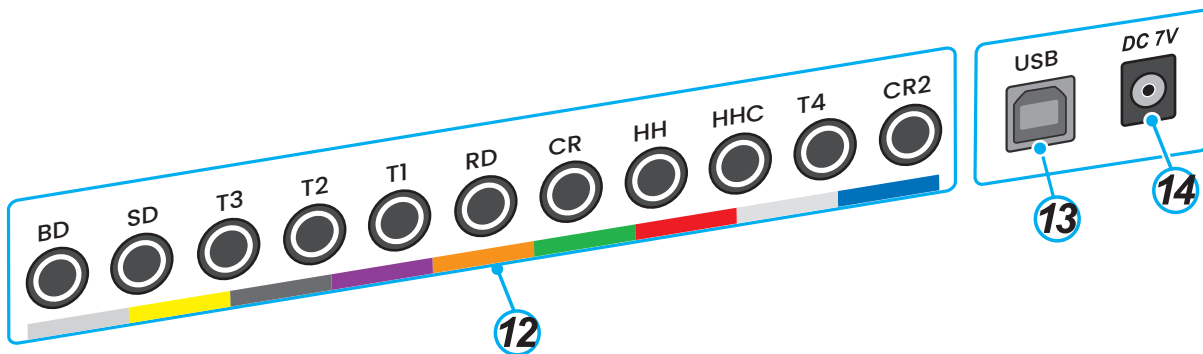
12. Drum/Cymbal Pads Trigger Input and Output Jacks

BD: Bass Drum	SD: Snare Drum	T3: Tom 3
T2: Tom 2	T1: Tom 1	RD: Ride Cymbal
CR: Crash Cymbal 1	HH: Hi-Hat Cymbal	HHC: Hi-Hat Control
T4: Tom 4	CR2: Crash Cymbal 2	

13.USB Jack
MIDI IN: Receives data from an external instrument command digitizing device.
MIDI OUT: Transmits data to an external instrument command digitizer device.

14.DC, 7V IN Jack
Connects the power adapter

Turning the device on or off
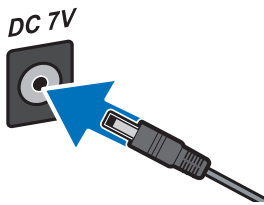
DC 7V

1. Plug the DC 7V jack on the top of the control panel with the AC power adapter connection cable, and plug the other end of the AC power adapter cord into an AC power outlet. Plug the other end of the AC power adapter cable into an AC outlet.

2. Turn on the device by pushing the power switch to the right in the power-on position.
Information such as the device name and model number will appear on the display, then the selected drum kit information will appear as well.
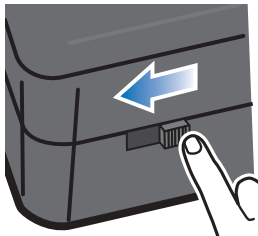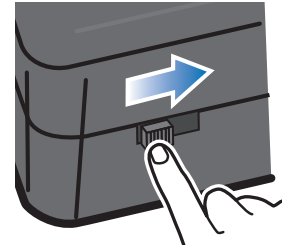
3. Push the POWER button to the left in the POWER OFF position to turn off the unit.

Direct conversion of drum kit tones

The unit is in drum set mode, and using the VALUE knob directly, the user-friendly drum kit tones can be selected.

`K11 GM STANDARD◀`

You can choose from 16 pre-set drum kits or 5 user-defined kits.

Adjust volume directly

Use the MASTER knob to adjust the drum kit volume.
Use the MP3 knob to adjust the volume of your MP3 or external auxiliary device.

MIN   MAX
MASTER

MIN   MAX
MP3

Adjusting the volume or beat of a drum kit or song

Use the VOLUME CONTROL BUTTONS (FADER) keys to select high or low volume. Then push the slide adjustment keys up (drums and cymbals) or down (drums, bass drum, cymbals). (drums, bass drum, cymbal beat, and volume) Push the slide adjustment keys to adjust the volume and beat.
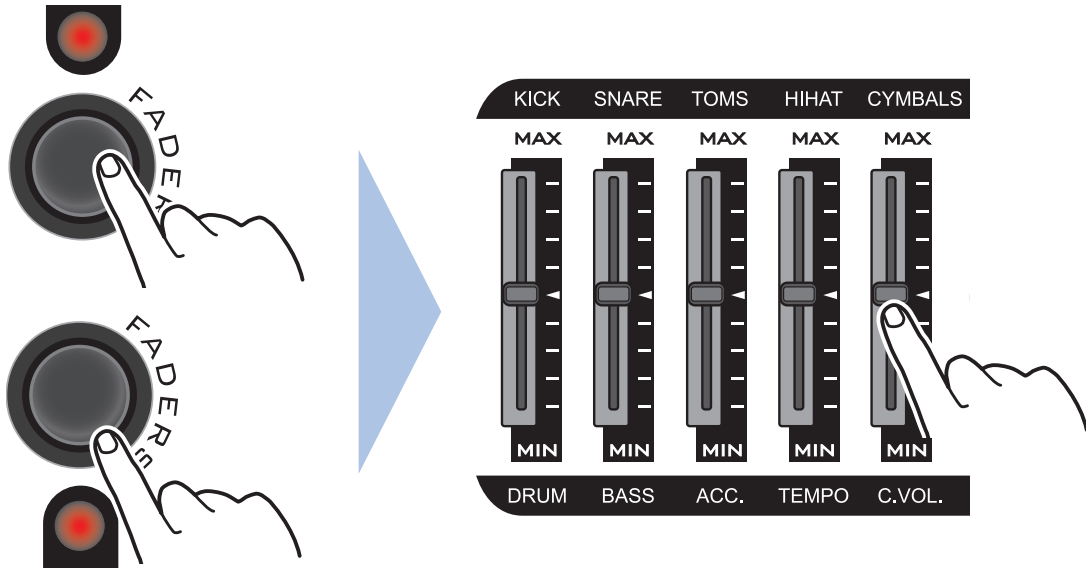
Drum Set Selection
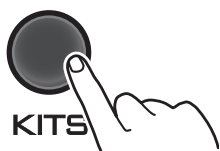
1. Press KITS to enter the selected drum set.
You can select from 16 preset drum kits or 5 user-defined drum kits.

2. Use the VALUE key or the PAGE key to select the drum set that is right for you.
You can choose from the following drum kits to suit your needs.
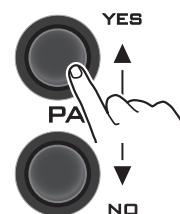
Drum Kit Editing
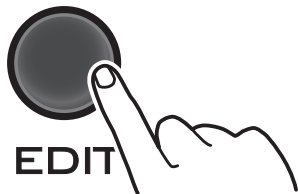
1. If you want to edit the selected drum kit, press the EDI T (Edit) key repeatedly to select the editing mode that suits you.
Each time you press the Edit key, you can select one of the following editing modes:
Treble →Standard →Balance →Reverberation →Quick Switch →Sensitivity →Cover →Reset →Exit
If you need to cancel editing, press the Edit key repeatedly, select the Reset option under your Mode name, select the Reset option, and then press the Page key (PAGE).

2. Press PAGE to select the drum or cymbal pedal that's right for you.
TOM1→TOM1 RIM→TOM2→TOM2 RIM→TOM3→TOM3 RIM→ CRASH1→RIDE BOW→RIDE BELL→HH OPEN→HH CLOSE→HH CTR L→KICK→SNARE X_STICK→SNARE RI M
Use the VALUE knob to select the scale that is right for you (00-127)
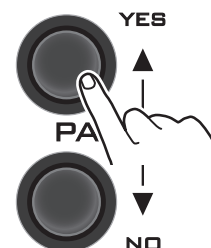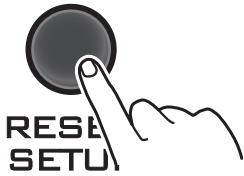
1. Press RESET/SETUP to enter the system setup mode.

2. Press the EDIT key repeatedly to select the setup menu you want to enter.

Each time you press the EDIT key, you can select one of the following settings:

①Trigger Time: Adjusts the length of the trigger time.

②Tone Control Equalizer (Bass): Adjust the equalizer. In the -63-+63 range, the default value is +42.

③Tone Control Equalizer (Treble): Adjust the equalizer. In the -63-+63 range, the default value is +32.

④Reverb Volume Control: Adjusts the reverb volume. Between 00 and 127, the default value is 20.

⑤Reverb Control Type: Select the type of reverb control. From room to hall, the default value is aspect.

⑥Digital Audio Settings (TX Channel): Select the digital output channel. Switch between 01 and 16. The default value is 10.

⑦Digital Audio Setup (RX Channel): Select the digital output channel Switch between 01--16, the default value is 01.

⑧Digital Audio Local Settings: Turns local mode on or off. The default is on.

3. Turn the VALUE knob to select the volume that suits you.

4. When the setting is finished, press the EDIT button repeatedly. After confirming, please select SURE YES or NO.
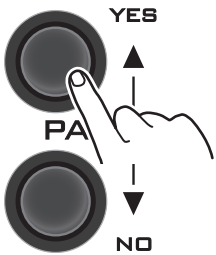
5. Press the PAGE button to confirm YES or NO.
PAGE / YES: Save the setting.
PAGE / NO: Cancel the setting

RESETTINGS
Restore Factory Settings
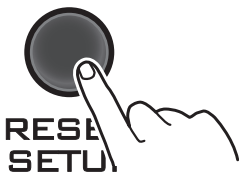
1. Press the RESET/SETUP key 2-3 times to select the reset mode.

2. Press the PAGE button to confirm YES or NO.
PAGE/YES: Select Yes to restore the factory settings.
PAGE/NO: Select NO to cancel the setting.

RESE SETU
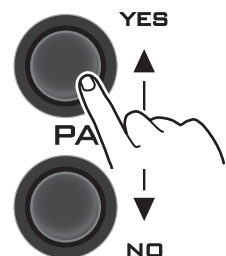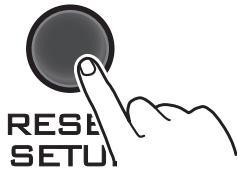
1. Press the CLICK button. Clicks start to appear, and the lower volume control (FADER) light comes on.

2. Press the PAGE key or the VALUE key to select your desired beat mode.
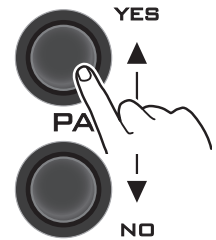
You can select one of the following beat patterns:
1/4 →1/8→1/8A→Trip→TripA →1/16→1/16A→1/16B→1/16C→1/16D →1/16E→6Tupl

3. You can use the TEMPO/C.VOL (tempo or volume) buttons to move through the slots to adjust the tempo and volume of the beat.

TEMPO: Adjusts the tempo of the metronome.
C.VOL.: Adjusts the volume of the metronome.

DRUM BASS ACC. TEMPO C.VOL.
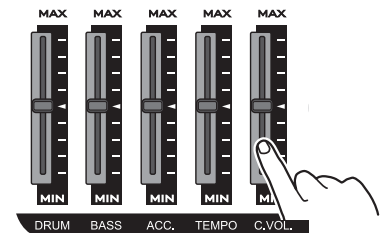
Adjusting The Metronome's Main Beat And Sound

EDIT

1. In metronome mode, press EDIT repeatedly (Edit). Enter the metronome edit mode.

BEAT: Selects the main beat of the metronome (00-8)
SOUND: Selects the sound of the metronome (01-10)

2. Press the PAGE key or the VALUE key to set a beat or sound that suits your main beat or sound.
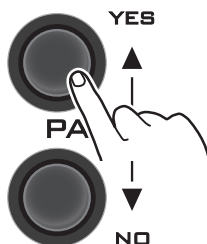
Song Replay

1. Press the SONG button to enter the song mode. Information about the song currently playing will be shown on the display, and the indicator in the FADER (volume control) area will light up.

SONG

2. Press the PAGE key or the VALUE key to select the rhyme pattern that suits you.

YES
PA
NO
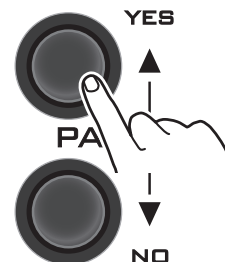
You can choose one of the 43 built-in rhymes that suit you. (Refer to the Rhyme Mode panel.).

3. In the volume control area, you can use the Shifter Slide to adjust each instrument's playback volume or song tempo.

DRUM: Adjusts the drum volume;
BASS: Adjusts the bass volume;
ACC.: Adjusts the accompaniment volume;
TEMPO: Adjusts the tempo of the song.

MAX MAX MAX MAX MAX

MIN MIN MIN MIN MIN
DRUM BASS ACC. TEMPO C.VOL.

4. Strike the drum surface at any time, or press the PLAY/STOP button to start recording.
When the song is played back, information about the song is shown on the display screen.

PLAY/STOP

5. When the recording is finished and needs to be terminated, press PLAY or STOP to terminate the recording.
Your performance data is saved as "R00" (User Rhythm Style Number).
Your performance data can be reset to the recorded data.

PLAY/STOP

👉 HOW TO RECORD YOUR PERFORMANCE

1. Press the REC button (Record) to enter the recording mode. The current rhyme information will be shown on the display, and the FADER (volume control) zone indicator will light up.

REC

2. Press the PAGE key or the VALUE key to select your piece of music. You can select one of the following rhythm forms:

R00: The user's rhythm style;
R01 ~ R43: The pre-set rhythm style.

YES
PA
NO
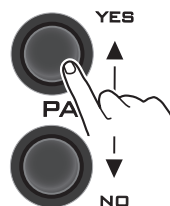
3. You can slide the volume control buttons in the FADER (volume controller) area to adjust the volume and tempo of the content being played.
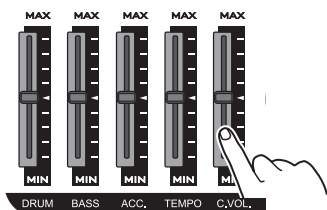
MAX MAX MAX MAX MAX
MIN MIN MIN MIN M
DRUM BASS ACC. TEMPO C.VOL.

DRUM: Adjusts the drum volume;
BASS: Adjusts the bass volume;
ACC.: Adjusts the accompaniment volume;
TEMPO: Adjusts the tempo of the song.

4. Strike the drum surface at any time, or press the PLAY/STOP button to start recording.
When the song is played back, information about the song is shown on the display screen.

PLAY/STOP

5. When the recording is finished and needs to be terminated, press PLAY or STOP to terminate the recording.
Your performance data is saved as "R00" (User Rhythm Style Number).
Your performance data can be reset to the recorded data.

PLAY/STOP

Playback of your recorded performances

If you need to play back a performance track that you have already recorded, you can do so by pressing the PLAY/STOP button again.
If you need to terminate playback, press the PLAY or STOP button to do so.

PLAY/STOP

Track List

Song Name

00 USER SONG	16 hard rock	31 rock beat
01 acid jazz	17 hard rock 2	32 rock folk
02 ballade beat	18 hip hop	33 salsa
03 bigband	19 jazz dance	34 samba
04 break beat	20 mambo	35 shuffle
05 cha cha	21 polka	36 slow beat
06 cool soul	22 pop rock	37 slow pop
07 dancy pop	23 pop swing	38 soft beat
08 dixie	24 pop	39 soul
09 easy beat	25 pop disco	40 standard pop
10 easy rock	26 pop ballade	41 swing
11 easy soul	27 pop waltz	42 techno
12 fast funk	28 r&b ballade	43 techno pop
13 folk	29 real soul	44 waltz
14 funk shuffle	30 reggae	
15 funk		

Drum Group List: Digital Conversion Interface

Key / Noe	Prog 1 Standard	Prog 9 Room	Prog 9 Power	Prog 25 Electrorc	Prog 26 TR-808
27/D#1	High Q				
28/E1	Slap				
29/F1	Scratch Push				
30/#1	Scratch Pu 1				
31/G1	Sticls				
32/G1	Square Click				
33/A1	Metronome Click				
34/A#1	Metronome Bell				
35/B1	Kick Drum 2				
36/C2	Kick Drum 1		Mondo Kick	Elec. Bass Drm	808 Bass Drum
37/C#2	Side Stik				808 Rim Shot
38/D2	Snare Drum 1		Gated Snare Drum	Elec. Snare Drm	808 Snare Drum
39/D#2	Hand Clap				
40/E2	Snare Drum 2			Gateb Snaerl Drum	
41/F2	Low Floor Tcm	Power Low Tom 2	Power Low Tom 2	Elec. Low Tom2	808 Low Tom 2
42/F#2	Closed Hi Hat [EXC1]				808 Closed Hi-Hat [EXC1]
43/G2	High Floor Tm	Power Low Tom 1	Power Low Tom 1	Elec. Low Tom1	808 Low Tom 1
44/G#2	Pedal Hi-Hat [Exc1]				808 Pedal Hi-Hat [EXC1]
45/A2	Mid Tom	Power Mid Tom 2	Power Mid Tom 2	Elec. Mid Tom2	808 Mid Tom 2
46/A#2	Open Hi-Hat [EXC1]				808 Open Hi-Hat [EXC1]
47/B2	Low Mid Tom	Power Mid Tom 1	Power Mid Tom 1	Elec. Mid Tom1	808 Mid Tom 1
48/C2	High Mid Tcm	Power High Tom 2	Power High Tom 2	Elec. High Tom2	808 High Tom 2
49/C#3	Crash Cymbal 1				808 Cymba l
50/ D3	High Tom	Power High Tom 1	Power High Tom 1	Elec. High Tom 1	B08 High Tom 1
51/ D#3	Ride Cymbal 1			Reverse Cymbal	
52/E3	Chinese Cymbal				

Kev / Noe	Prog 1 Standard	Prog 9 Room	Prog 9 Power	Prog 25 Electrorc	Prog 26 TR-808
53/F3	Ride Bell				
54/ F#3	Tambourine				
55/G3	Splash Cymbal				
56/ G#3	Cowbell				808 Cowbell
57/A3	Crash Cymbal 2				
58/ A#3	Vibra Slap				
59/B3	Ride Cymbal 2				
60/CA	High Bongo				
61/C#4	Low Bongo				
62/D4	Mute High Conga				808 High Conga
63/D#4	Open High Conga				808 Mid Conga
64/E4	Low Conga				808 Low Conga
65/F4	High Timbale				
66/F#4	Low Timbale				
67/G4	High Agogo				
68/G#4	Low Agogo				
69/A4	Cabasa				
70/ A#4	Maracas				808 Maracas
71/B4	Short Whistle [EXC2]				
72/C5	Long Whistle [EXC2]				
73 / C#5	Short Guiro [EXC3]				
74 / D5	Long Guiro [EXC3]				
75 / D#5	Claves				
76 / E5	High Wood Block				808 Claves
77 / F5	Low Wood Block				
78 / F#5	Mute Cuica [EXC4]				
79 / G5	Open Cuiea [EXC4]				
80 / G#5	Mute Triangle [EXC5]				
81 / A5	Open Triangle [EXC5]				
82 / A#5	Shaker				
83 / B5	Jingle Bell				
84 / C6	Belltree				
85 / C#6	Castanets				
86 / D6	Mute Surdo [EXC6]				
87 / D#6	Open Surdo [EXC6]				
88 / E6					

Notes
[EXC] : Sounds with same EXC number are mutually exclusiv

Drum Set Table : MIDI Channel 10

Key/Note	Prog 33: Jazz	Prog 41: Brush	Prog 49: Orchestra	Prog 57: SFX Set	Prog 65: ELEC Drum
27/ D#1			Closed Hi-Hat [EXC1]		ELEC. Mid Hi-Hat
28/ E1			Pedal Hi-Hat [EXC1]		
29/F1			Open Hi-Hat [EXC1]		
30 / F#1			Ride Cymbal		
31/ G1					
321G#1					
33/A1					
34 / A#1					
35/B1	Jazz Bass Drum 2	Jazz Bass Drum 2	Concert Bass Drum 2		
36/C2	Jazz Bass Drum 1	Jazz Bass Drum 1	Concert Bass Drum 1		ELEC. Kick
37/ C#2					X-Stick ELEC.
38/D2		Brush Tap	Concert Snare Drum		Snare Drum
39/ D#2		Brush Slap	Castanets	High Q	
40/E2		Brush Swirl	Concert Snare Drum	Slap	Steel High Snare Rim
41/F2			Timpani F	Scratch Push	ELEC. Low Floor Tom .
42/ F#2			Timpani F#	Scratch Pull	ELEC. Closed Hi-Hat [EXC1]
43/G2			Timpani G	Sticks	ELEC. Tom 3
44/G#2			Timpani G#	Square Click	
45/A2			Timpani A	Metronome Click	
46 / A#2			Timpani A#	Metronome Bell	ELEC. Open Hi-Hat [EXC1]
47/B2			Timpani B	Guitar Fret Noise	ELEC. Tom 2
48/C3			Timpani C	Guitar Cut Noise Up	
49/ C#3			Timpani C#	Guitar Cut Noise Down	ELEC. Crash Cymbal
50/D3			Timpani D	Double Bass String Slap	ELEC. Tom 1
51/ D#3			Timpani D#	Flute Key Click	ELEC. Ride Cymbal
52/ E3			Timpani E	Laughing	
53 /F3			Timpani F	Screaming	
54/F#3				Punch	
55/G3				Heartbeat	
56/ G#3				Footsteps 1	
57/ A3			Concert Cymbal 2	Footsteps 2	
58/ A#3				Applause	
59/B3			Concert Cymbal 1	Door Creaking	ELEC. Ride Cup
60/C4				Door Closing	
61/C#4				Scratch	
62/ D4				Wind Chimes	
63/D#4				Car Engine	
64/ E4				Car Breakes	
65/ F4				Car Passing	ELEC. Cow Bell
66/F#4				Car Crash	
67/ G4				Siren	
68/G#4				Train	
69 / A4				Jet Plane	
70 / A#4				Helicopter	
71/ B4				Starship	
72/C5				Gun Shot	
73/C#5				Machine Gun	
74/D5				Laser Gun	
75/D#5				Explosion	
76/E5				Dog Bark	
77 /F5				Horse Gallop	

Key/Note	Prog 33: Jazz	Prog 41: Brush	Prog 49: Orchestra	Prog 57: SFX Set	Prog 65: ELEC Drum
78/F#5				Birds Tweet	
79/G5				Rain	
80/G#5				Thundel	
81/ A5				Wind	
82/ A#5				Seashore	
83/B5				Stream	
84/C6				Bubble	
85/C#6					
86/D6					
87/D#6					
88/E6			Applauses		
89/F6					
90/ F#6					
91/G6					
92/G#6					
93/A6					
94/A#6					
95/B6					

Drum Set Table : MIDI Channel 10

Key / Note	Prog 66: FUNK Drum	Prog 67: JAZZ Drum	Prog 68: METAL Drum	Prog 69: ROCK Drum
27/ D#1	FUNK. Mid Hi-Hat	JAZZ. Mid Hi-Hat	METAL. Mid Hi-Hat	ROCK. Mid Hi-Hat
28/E1				
29/F1				
30/F#1				
31/G1				
32/ G#1				
33/ A1				
34 / A#1				
35/B1				
36/ C2	FUNK. Kick	JAZZ. Kick	METAL. Kick	ROCK. Kick
37/ C#2	X-Stick	X-Stick	X-Stick	X-Stick
38/ D2	FUNK.Snare Drum	JAZZ. Snare Drum	MATAL. Snare Drum	ROCK. Snare Drum
39/ D#2				
40/E2	Dm Jazz Snare Rim	Steel Hi Snare Rim	Snare Rim	Dance Snare Rim
41/F2	FUNK. Low Floor Tom	JAZZ. Low Floor Tom	METAL. Low Floor Tom	ROCK. Low Floor Tom
42/ F#2	FUNK. Closed Hi-Hat [EXC1]	JAZZ. Closed Hi-Hat [EXC1]	METAL. Closed Hi-Hat [EXC1]	ROCK. Closed Hi-Hat [EXC1]
43/ G2	FUNK. Tom 3	JAZZ. Tom 3	METAL. Tom 3	ROCK. Tom 3
44 / G#2				
45/ A2				
46 / A#2	FUNK. en Hi-Hat [EXC1]	JAZZ. Open Hi-Hat [EXC1]	METAL. Open Hi-Hat [EXC1]	ROCK. Open Hi-Hat [EXC1]
47/ B2	FUNK. 2	JAZZ. Tom 2	METAL. Tom 2	ROCK. Tom 2
48/ C3				
49/ C#3	FUNK. Crash Cymbal	JAZZ. Crash Cymbal	METAL. Crash Cymbal	ROCK. Crash Cymbal
50/D3	FUNK. Tom 1	JAZZ. Tom 1	METAL. Tom 1	ROCK. Tom 1
51/ D#3	FUNK. Ride Cymbal	JAZZ. Ride Cymbal	METAL. Ride Cymbal	ROCK. Ride Cymbal
52/E3				
53/F3				
54/F#3				
55/G3				
56/ G#3				
57 / A3				

Key / Note	Prog 66: FUNK Drum	Prog 67: JAZZ Drum	Prog 68: METAL Drum	Prog 69: ROCK Drum
58 / A#3				
59/B3	FUNK. Ride Cup	JAZZ. Ride Cup	METAL. Ride Cup	ROCK. Ride Cup
60/C4				
61/C#4				
62/ D4				
63/D#4				
64/ E4				
65/ F4	FUNK. Cow Bell	JAZZ. Cow Bell		ROCK. Cow Bell
66/F#4				
67/ G4				
68 / G#4				
69/ A4				
70/ A#4				
71/ B4				
72/C5				

Key / Note	Prog 70: WD Drum	Prog 128: CM-64/32	Key/ Note	Prog 68: METAL Drum	Prog 69: ROCK Drum
11C#-	FUNK.Kick		36/C2	Low Mid Tom 1	Acoustic Bass Drum
2/D-	JAZZ. Kick		37/ C#2	Power Mid Tom 1	Rim Shot
3/D#-	ROCK. Kick		38/D2	Elec Mid Tom 1	Acoustic Snare Drum
4/ E-	METAL. Kick		39/D#2	808 Mid Tom 1	Hand Clap
5/F-	ELEC. Kick		40/E2	FUNK. Tom 3.wav	Electronic Snare Drum
6/ F#-	Kick Drum 1		41/F2	JAZZ. Tom 3.wav	Acoustic Low Tom
7/G-	Mondo Kick		421 F#2	ROCK. Tom 3.wav	Closed Hi-Hat
81G#-	Elec BD		43/G2	METAL. Tom 3.wav	Acoustic Low Tom
9/A-	808 Bass Drum		44/G#2	ELEC. Tom 3.wav	Open Hi-Hat 1
10/ A#-	FUNK. Snare		45/ A2	High Floor Tom	Acoustic Mid Tom
11/B-	JAZZ. Snare		46/ #2	Power Low Tom 1	Open Hi-Hat 2
12/CO	ROCK. Snare		47/ B2	Elec Low Tom 1	Acoustic Mid Tom
13/ C#0	METAL. Snare		48/C3	808 Low Tom 1	Acoustic Hi Tom
14/DO	ELEC. Snare		49/C#3	Low Floor Tom	Crash Cymbal
15/ D#O	Snare Drum 1		50/D3	Power Low Tom 2	Acoustic Hi Tom
16/ EO	Gated SD		51/ D#3	Elec Low Tom 2	Ride Cymbal
17/FO	808 Snare Drum		52/E3	808 Low Tom 2	
18/F#6	|Dm Jazz Snare Rim		53 /F3	FUNK. Crash	
19/ GO	Steel Hi Snare Rim		54/ F#3	JAZZ.Crash	Tambourine
20/ G#0	|Dance Snare Rim		55/G3	ROCK.Crash	
21/AO	Snare Rim		56/G#3	METAL.Crash	Cowbell
22 / A#0	FUNK. Tom 1		57/ A3	ELEC. Crash	
23/BO	JAZZ. Tom 1		58/ A#3	Crash Cymbal 1	
24/C1	ROCK. Tom 1		59/B3	808 Cymbal	
25/C#1	METAL. Tom 1		60 /C4	FUNK.Ride	High Bongo
26/D1	ELEC. Tom 1		61/ C#4	JAZZ. Ride	Low Bongo
27/ D#1	High Tom 1		62/ D4	ROCK. Ride	Mute Hi Conga
28/E1	Power Hi Tom		63/D#4	METAL. Ride	High Conga
29/F1	Elec Hi Tom		64/ E4	ELEC. Ride	Low Conga
30 / F#1	808 Hi Tom		65/ F4	Ride Cymbal 1	High Timbale
31/G1	FUNK. Tom 2		66/F#4	FUNK.Ride_Cup	Low Timbale
321G#1	JAZZ. Tom 2		67/ G4	JAZZ. Ride_Cup	High Agogo
33/A1	ROCK. Tom 2		68/ G#4	ROCK. Ride_Cup	Low Agogo
34/#1	METAL. Tom 2		69/ A4	MATAL. Ride_Cup	Cabasa
35/B1	ELEC. Tom 2	Acoustic Bass Drum			

Key / Note	Prog 70: WD Drum	Prog 128: CM-64/32	Key/ Note	Prog 68: METAL Drum	Prog 69: ROCK Drum
70/ A#4	ELEC. Ride_Cup	Maracas	123 / D#9	Open Surdo [EXC6]	
71/B4	Ride Cymbal 2	Short Whistle	124 / E9	Metronome Click	
72/C5	FUNK.Open Hi-Hat [EXC1]	Long Whistle	125 / F9	Metronome Bell	
73 /C#5	JAZZ. Open Hi-Hat [EXC1]	Quijada	126/F#9		
74/D5	ROCK. Open Hi-Hat [EXC1]		127 / G9		
75/ D#5	METAL. Open Hi-Hat[EXC1]	Claves	128 / G#9		
76/ E5	ELEC. Open Hi-Hat [EXC1]	Laughing			
77 / F5	Open Hi-Hat [EXC1]	Screaming			
78/F#5	808 Open Hi-Hat [EXC1]	Punch			
79/G5	FUNK. Close Hi-Hat [EXC1]	Heartbeat			
80/ G#5	JAZZ. Close Hi-Hat [EXC1]	Footsteps 1			
81/ A5	ROCK. Close Hi-Hat [EXC1]	Footsteps 2			
82/ A#5	METAL. Close Hi-Hat (EXC1]	Applause			
83/B5	ELEC. Close Hi-Hat [EXC1]	Door Creaking			
84/C6	Closed Hi-Hat [EXC1]	Door Closing			
85/C#6	808 Closed Hi-Hat [EXC1]	Scratch			
86/D6	Pedal Hi-Hat [EXC1]	Wind Chimes			
87/ D#6	808 Pedal Hi-Hat [EXC1]	Car Engine			
88/ E6	X-Stick	Car Brakes			
89/F6	Hand Clap	Car Passing			
90/F#6	Tambourine	Car Crash			
91/G6	Cowbell	Siren			
92/ G#6	High Bongo	Train			
93 / A6	Low Bongo	Jet Plane			
94/ A#6	Vibra Slap	Helicopter			
95/B6	High Timbale	Starship			
96/C7	Low Timbale	Gun Shot			
97/C#7	Cabasa	Machine Gun			
98/D7	Maracas	Laser Gun			
99/ D#7	Claves	Explosion			
100 / E7	High Wood Block	Dog Bark			
101/F7	Low Wood Block	Horse Gallop			
102/F#7	Chinese Cymbal	Birds Tweet			
103 / G7	Splash Cymbal	Rain			
1041G#7	Reverse Cymbal	Thunder			
105 / A7	Mute Hi Conga	Wind			
106/ A#7	Open Hi Conga	Seashore			
107 / B7	Low Conga	Stream			
108 /C8	High Agogo	Bubble			
109/C#8	Low Agogo				
110/D8	Short Hi Whistle				
111/ D#8	Long Lo Whistle				
112/ E8	Short Guiro [EXC3]				
113/F8	Long Guiro [EXC3]				
114 / F#8	Mute Cuica [EXC4]				
115/G8	Open Cuica [EXC4]				
116/ G#8	Mute Triangle [EXC5]				
117 / A8	Open Triangle [EXC5]				
118/ A#8	Shaker				
119/ B8	Jingle Bell				
120 / C9	Belltree				
121 / C#9	Castanets				
122 / D9	Mute Surdo (EXC6I				

GM Sound Variation (all channels except 10)

To select variation : send CTRL 0, then PC

PC: Program change

CO: controller 0 value (zero for General Midi capital sounds)

Sound names conventions :

w - pan type sound (low notes sent to left, high notes sent to right)

d -other velocity response

v - velocity split type sound

0-special release on sound

PC	GENERAL MIDI	CO	1'st VAR	CO	2'nd VAR	CO	3'rd VAR
1	(Grand) Piano 1						Acou Piano 1
2	(Bright) Piano 2						Acou Piano 2
3	(El. Grd) Piano 3						Acou Piano 3
4	Honky-tonk Piano						Elec Piano 1
5	El.Piano1	8	Detuned EP 1				Elec Piano 2
6	El.Piano2	8	Detuned EP 2				Elec Piano 3
7	Harpsichord	8	Coupled Hps.				Elec Piano 4
8	Clavi						Honky Tonk
9	Celesta						Elec Org 1
10	Glockenspiel						Elec Org 2
11	Music Box						Elec Org 3
12	Vibraphone						Elec Org 4
13	Marimba						Pipe Org 1
14	Xylophone						Pipe Org 2
15	Tubular Bells	8	Church Bell	9	Carillon	127	Pipe Org 3
16	Dulcimer (Santur)						Accordion
17	Drawbar Organ	8	Det. Organ 1				Harpsi 1
18	Percussive Organ	8	Det. Organ 2				Harpsi 2
19	Rock Organ						Harpsi 3
20	Church Organ	8	Ch. Organ 2				Clavi 1
21	Reed Organ						Clavi 2
22	Accordion (french)	8	Acc. (Italian)				Clavi 3
23	Harmonica						Celesta 1
24	Tango Accordion						Celesta 2
25	Ac. Guitar (Nylon)	8	Ukulele				Syn Brass 1
26	Ac. Guitar (Steel)	8	12-str. Guitar	16	Mandolin		Syn Brass 2

PC	GENERAL MIDI	CO	1'st VAR	CO	2'nd VAR	CO	3'rd VAR
27	El. Guitar (jazz)	8	Hawaiian Gt.				Syn Brass 3
28	El.Guitar(clean)	8	Chorus Gt				Syn Brass 4
29	El.Guitar (muted)	8	Funk Gt				Syn Bass 1
30	Overdriven Guitar						Syn Bass 2
31	Distortion Guitar	8	Feedback Gt.				Syn Bass 3
32	Guitar harmonics	8	Gt. Feedback				Syn Bass 4
33	Acoustic Bass						Fantasy
34	Finger Bass						Harmo Pan
35	Picked Bass						Chorale
36	Fretless Bass						Glasses
37	Slap Bass 1						SoundTrack
38	Slap Bass 2					127	Atmosphere
39	Synth Bass 1	8	Synth. Bass 3				Warm Bell
40	Synth Bass 2	8	Synth. Bass 4				Funny Vox
41	Violin						Echo Bell
42	Viola						Ice Rain
43	Cello						Obeo 2001
44	Contrabass						Echo Pan
45	Tremolo Strings						Doctor Solo
46	Pizzicato Strings						School Daze
47	Orchestral Harp						BellSinger
48	Timpani						Square Wave
49	String Ensemble 1	8	Orchestra				Str Sect 1
50	String Ensemble 2						Str Sect 2
51	Synth Strings 1	8	Syn Strings 3				Str Sect 3
52	Synth Strings 2						Pizzicato
53	Choir Aahs						Violin 1
54	Voice Oohs						Violin 2
55	Synth Voice						Cello 1
56	Orchestra Hit						Cello 2
57	Trumpet						Contrabass
58	Trombone						Harp 1
59	Tuba						Harp 2
60	Muted Trumpet						Guitar 1
61	French Horn					127	Guitar 2
62	Brass Section	8	Brass 2				Elec Gtr 1
63	Synth Brass 1	8	Syn Brass 3				Elec Gtr 2

☞ GM Sound Variation Table

PC	GENERAL MIDI	CO	1'st VAR	CO	2'nd VAR	CO	3'rd VAR
64	Synth Brass 2	8	Syn Brass 4				Sitar
65	Soprano Sax						Acou Bass 1
66	Alto Sax						Acou Bass 2
67	Tenor Sax						Elec Bass 1
68	Baritone Sax						Elec Bass 2
69	Oboe						Slap Bass 1
70	English Horn						Slap Bass 2
71	Bassoon						Fretless 1
72	Clarinet						Fretless 2
73	Piccolo						Flute 1
74	Flute						Flute 2
75	Recorder						Piccolo 1
76	Pan Flute						Piccolo 2
77	Blown Bottle						Recorder
78	Shakuhachi						Pan Pipes
79	Whistle						Sax 1
80	Ocarina						Sax 2
81	Lead 1 (square)	1	Square				Sax 3
82	Lead 2 (sawtooth)	1	Saw				Sax 4
83	Lead 3 (calliope)						Clarinet 1
84	Lead 4 (chiff)					127	Clarinet 2
85	Lead 5 (charang)						Obeo
86	Lead 6 (voice)						Engl Horn
87	Lead 7 (fifths)						Bassoon
88	Lead8 (bass+lead)						Harmonica
89	Pad 1 (new age						Trumpet 1
90	Pad 2 (warm)						Trumpet 2
91	Pad 3 (polysynth)						Trombone 1
92	Pad 4 (choir)						Trombone 2
93	Pad 5 (bowed)						Fr Horn 1
94	Pad 6 (metallic)						Fr Horn 2
95	Pad 7 (halo)						Tuba
96	Pad 8 (sweep)						Brs Sect 1
97	FX 1 (rain)						Brs Sect 2
98	FX 2 (soundtrack)					127	Vibe 1
99	FX 3 (crystal)	8	Brass 2				Vibe 2
100	FX4 (atmosphere)	8	Syn Brass 3				Syn Mallet

PC	GENERAL MIDI	CO	1'st VAR	CO	2'nd VAR	CO	3'rd VAR
101	FX 5 (brightness)						Wind Bell
102	FX 6 (goblins)						Glock
103	FX 7 (echoes)	2	Echo Pan				Tube Bell
104	FX 8 (sci-fi)						Xylophone
105	Sitar						Marimba
106	Banjo						Koto
107	Shamisen					127	Sho
108	Koto	8	Taisho Koto				Shakuhachi
109	Kalimba						Whistle 1
110	Bag pipe						Whistle 2
111	Fiddle						Bottleblow
112	Shanai						Breathpipe
113	Tinkle Bell						Timpani
114	Agogo						Melodic Drum
115	Steel Drums						Deep Snare
116	Woodblock	8	Castanets				Elec Perc 1
117	Taiko Drum	8	Concert BD				Elec Perc 2
118	Melodic Tom	8	Melo Tom 2				Taiko
119	Synth Drum	8	808 Tom	9	Elec Perc 1		Taiko rim
120	Reverse Cymbal						Cymbal

32*: This variation can also be obtained by sending variation # 24.

	FED1100W
Pads	3-Zone Snare, 1-Zone Toms 4 Kits
Cymbals	Hi-Hat Cymbal, Crash Cymbal (Mute senser), 2-Zone Ride Cymbal, Splash Cymbal
Pedal Swtich	Hi-Hat Control, Kick Pedal (Sensitive Velocity)
Drum Kits	16 Preset Kits, 5 User Kits
Songs	44 Rhythm Patterns
Display	16 x 2 LCD Module
Switch Controls	Kits, Song, Play/Stop, Rec, Play/Stop, Click, Reset/Setup, Edit, @-dial, Page Up/Down, Faders Mode
Faders Controls	Kits Mode : Kick, Snare, Toms, Hihat, Cymbals /Song Mode : Drum, Bass, Acc., Tempo, Click-volume
Volum Controls	MP3/AUX Volume, Master Volume
Connections	Headphone (3.50Jack), MP3/AUX In (3.5Ø Jack), AUX Out (6.5Ø Jack), MIDI In/Out, 9-Triger In (6.5Ø Jack)
Power Supply	DC Adaptor (7.5~9 V/300 mA)

☞ MIDI Implementation Chart

Function		Transmitted	Recognized	Remarks
Basic Channel	Default	10	1 ~ 8 & 10 ~ 16	
	Changed	x	x	
Mode	Default	x	Mode 3	
	Messages	x	x	
	Altered	*************	****************	
Note Number		0 ~ 127	0 ~ 127	
	True voice	*************	0 ~ 127	
Velocity	Note ON	0 ~ 127	0 ~ 127	
	Note OFF	x	0 ~ 127	
After Touch	Key's	x	x	
	Channel's	x	x	
Pitch Bend		x	○	
Control Change	0	x	○	Bank Select
	1	x	○	Modulation
	4	x	○	Foot Control
	5	x	○	Portamento Time
	6	x	○	Data Entry
	7	x	○	Volume
	10	x	○	Pan
	11	x	○	Expression
	64	x	○	Sustain Pedal
	65	x	○	Portamento On/Off
	66	x	○	Sostenuto Pedal
	67	x	○	Soft Pedal
	71	x	○	Resonance
	72	x	○	Release Time
	73	x	○	Attack Time
	74	x	○	Cut Off
	80	x	○	Reverb Program
	81	x	○	Chorus Program
	90	x	○	Reverb Level
	91	x	○	Chorus Level
	120	x	○	All Sound OFF
	121	x	○	Reset All Controller *1
	123	x	○	All Notes OFF *1
Program Change		x	○	
System Exclusive		x	○	
System common	Song Position	x	x	
	Song Select	x	x	
	Tune	x	x	
System Real Time	Clock	x	x	
	Commands	x	x	
Aux Messages	Local ON/OFF	x	x	
	All Notes OFF	x	x	
	Active Sense	○	x	
	Reset	x	x	

Mode 1 : Omni On, Poly Mode 2 : Omni On, Mono   O : Yes   X : No
Mode 3 : Omni Off, Poly Mode 4 : Omni Off, Mono   Notes   *1 Except 9, 10 Channel

👉 PRODUCT MAINTENANCE

Careful maintenance and protection of this product plays an important role in prolonging the service life of the product and reducing the failure.

1 AVOID HEATING, DAMPNESS OR DIRECT SUNLIGHT

Do not over expose the product to direct sunlight, or place it near air conditioning or extremely hot place.

2 DO NOT USE NEAR THE TV OR RADIO

This product may cause video or audio interference to the reception of TV and radio. If this happens, the product should be removed from the TV or radio.

3 NO DILUENTS OR SIMILAR CHEMICALS SHOULD BE USED FOR CLEANING

Clean the product with a soft cloth wetted with weak water solution and neutral detergent. Soak the cloth in a solution and wring it dry until it approaches drying.

4 DO NOT SHAKE, AVOID COLLISION

When moving, the product should be handled carefully and lightly. Violent vibration and collision are strictly prohibited in order to avoid damage to the shell or internal electronic components.

👉 SAFETY PRECAUTIONS

POWER SUPPLY

This product can be powered by standard indoor wall sockets. Please only use the power cord specified in this product. When not in use, please turn off the power supply. When not in use for a long time, pull out the power cord and keep it properly.

SIGN

To ensure that you use this product safely and correctly, to prevent harm to users and others and financial damage, this manual and products are marked with a series of safety signs. The various signs and their meanings are as follows:

⚠ WARNING

This sign indicates that there is a potential risk of death or serious injury if this mark is ignored and the product is mishandled.

⚠ BE CAREFUL

This sign indicates that there is a potential danger of injury to personnel or other financial damage if this sign is ignored and the product is operated incorrectly.

EXAMPLE OF LOGO

This triangle sign (△) indicates what users should pay attention to.
(The left example is careful shocks)

A circular sign (⊘) with an oblique line indicates prohibitions. The icons in or beside the logo indicate the contents specifically prohibited. (The example on the left is no disassembly)

The round black bottom sign (⬤) indicates what must be observed. The diagrams in this sign indicate the contents of the specific matters that must be observed.
 (The example on the left is that the power plug must be pulled out of the socket)

☞ SAFETY PRECAUTIONS

⚠ WARNING

Smoke, odor, overheating
When the product smokes, smells or overheats, there is a danger of fire and electric shock when it is used continually. In case of the above situation, the following operations should be performed immediately:
1. Turn off the power supply.
2. Pull the plug out of the power outlet.
3. Contact your dealer.

Power cord
1. The improper use of power cord may cause fire and electric shock. The following precautions must be observed:
● The special power cord designated for this product must be used.
● The AC power supply with output voltage within the rated voltage range for household use must be used.
● Do not overload power sockets and extension lines.

2. The improper treatment of power line will lead to its damage or breakage, which will cause fire and electric shock hazards. The following precautions must be observed:
● Do not place or heat heavy objects on power lines.
● Do not attempt to alter or bend the power cord too much.
● Do not twist or pull the power cord.
● If the power cord or plug is damaged, please replace the same type of power cord.

3. Do not touch the power cord and plug with wet hands, otherwise there is a danger of electric shock.
4. Please use the power cord where the water will not splash. Water is in danger of causing fire and electric shock.
5. Never place vases or any other container containing water on this product. Water is dangerous of causing fire and electric shock.
6. Do not allow minors to unplug and touch power lines or connection boards. Minors have no common sense of electricity safety, which may cause electric shock.

⚠ BE CAREFUL

The improper use of power cord may cause fire and electric shock. The following precautions must be observed:
● Never put the power cord near the oven or other heat source.
● Do not pull the cable when pulling out of the power socket. The main body of the plug must be grasped.
● The power cord plug must be inserted in the socket to the end.
● Make sure the power supply is off before connecting or disconnecting it.
● When thunderstorms occur or before traveling or other long-term departure, disconnect the power cord from the wall outlet.
● At least once a year, remove the power cord from the wall outlet and clean the dust accumulated around the plug.

Do not burn this product
Do not put this product in the fire, otherwise it will lead to product combustion and explosion of internal electronic components, which will cause fire and personnel injury.

Water and foreign bodies
Water, other liquids and (metal sheets, etc.) entering this product are in danger of causing fire and electric shock. In case of the above situation, the following operations shall be performed immediately:
1. Turn off the power supply.
2. If you are using a power cord for power supply, unplug it from the wall outlet.
3. Contact your distributor.

Disassembly and transformation
Do not disassemble or transform the product in any way, otherwise there is a risk of electric shock, scald or other personal injury. All internal inspection, adjustment and maintenance operations should be entrusted to your distributor.

Falling or colliding

If the product falls or is damaged by strong impact, it will be in danger of causing fire and electric shock. In case of the above situation, the following operations shall be performed immediately:
1. Turn off the power supply.
2. If you are using a power cord for power supply, you need to unplug it from the wall outlet.
3. Contact your distributor.

Plastic bag

Do not let anyone put plastic bags for this product on his head or in his mouth. Otherwise, there is a risk of asphyxia. Families with young children should pay special attention to it.

Keep a distance from the product and the bracket

Climbing the bracket is dangerous of overturning or damage. Families with young children should pay special attention to it.

Put

Avoid placing the product on an uneven surface or any other unstable place. Otherwise, it will cause the product to fall down, which will lead to the risk of injury.

Product Mobility

Before moving this product, you must unplug the power cord plug from the wall outlet and pull out all other cables and connecting wires. Otherwise, it will lead to damage of power or connection wires, resulting in fire and electric shock.

clean

Before cleaning this product, you must unplug the power cord plug from the wall outlet, otherwise there is a risk of fire and electric shock.

Jack

The socket of this product can only be connected to the designated equipment and devices. Connecting non-designated equipment or devices is dangerous of causing fire and electric shock.

Location selection

It should be avoided to place the product in the following places, otherwise there is a risk of fire and electric shock.
● High temperature or dusty places.
● Kitchen or other places with lampblack.
● Where the product is exposed to direct sunlight, or any other place where the product will produce high temperature.

Volume

Don't play music long and loud. Pay special attention when using headphones. Excessive volume can damage your hearing.

Heavy

Do not place heavy objects on this product. Otherwise, the top of the product will be overweight, causing the product to overturn or drop objects on it, which will lead to the risk of injury.

Correct assembly of scaffolds

The incorrect assembly of the bracket may overturn, causing the product to fall off and posing a risk of injury to personnel. Therefore, it must be assembled according to the instructions in the attached installation guide to ensure that the product is properly mounted on its bracket.

WHAT WE ARE

FESLEY is a startup music instrument brand on a mission to transform the way musicians experience their instruments.

With a team of passionate music lovers with decades of exquisite production experience and designers from renowned music schools, we create instruments that combine style, quality, and affordability.

Our goal is simple: to provide music enthusiasts with an exceptional playing experience through sleek designs, professional sound, and practical materials.

Join us TO LEAD A NEW COOL with FESLEY.

WARRANTY

PRODUCT WARRANTY INFORMATION

- All items can be returned for any reason within 30 days of the receipt and will receive a full refund as long as the item is returned in its original product packaging and all accessories from its original shipment are included. All returned items will receive a full refund back to the original payment method. All returned items will not be charged a re-stocking fee.

- Pictures may be required for some returns to ensure an item is not damaged prior to its return. Items returned are not considered undamaged until they are received by Fesley and verified as such. All damages to items are the customer's responsibility until the item has been received by and acknowledged by Fesley as undamaged.

To connect directly with our Support team

📞 1-877-748-4799 (PST 8:00 am-5:00 pm, Mon-Fri)

✉ support@fesleymusic.com

🔍 www.fesleymusic.com

⚠ WARNING

Manufacturer and seller expressly disclaim any and all liability for personal injury, property damage, or loss, whether direct, indirect, or incidental, resulting from the incorrect attachment, improper use, inadequate maintenance, or neglect of this product.