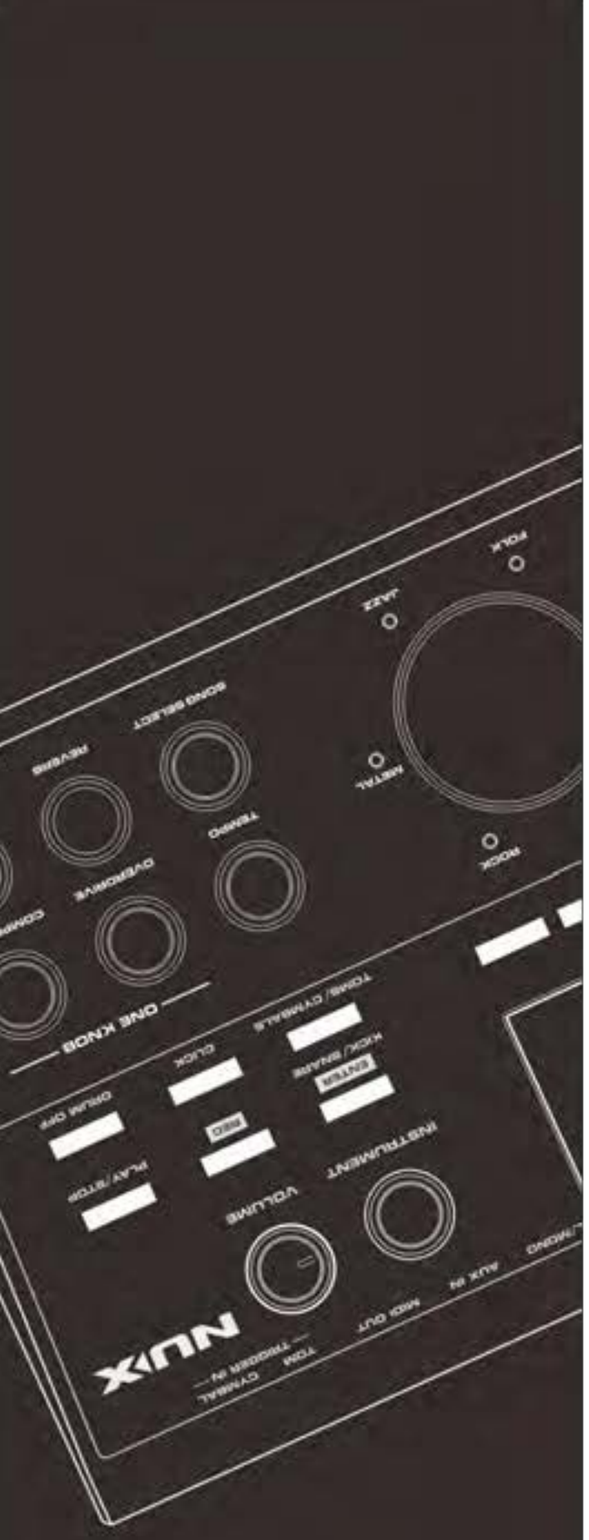


使用说明书

Version 1.0

# DM-7/DM-7X
# Digital Drum Kit
# 电子鼓

NUX Drum System

NUX

NUX Drum System

User Manual

Version 1.0

# USING THE UNIT SAFELY

INSTRUCTIONS FOR THE PREVENTION OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

**About ⚠WARNING and⚠CAUTION Notices**

| | |
|---|---|
| **⚠WARNING** | Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used Improperly. |

**About the Symbol**

| | |
|---|---|
| **⚠ CAUTION** | Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly.<br>* Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings, as well to domestic animals or pets. |

## ALWAYS OBSERVE THE FOLLOWING

### ⚠WARNING

- Before using this unit, make sure to read the instructions below and the Ownerd's Manual.
- Do not open (or modify in any way) the unit or its AC adaptor.
- Do not attempt to repair the unit, or replace parts within it (except when this manual provides specific instructions directing you to do so). Refer all servicing to your retailer, the nearest Cherub Service Center.
- Never use or store the unit in places that are:
  - Subject to temperature extremes (e.g., direct sunlight in an enclosed vehicle, near a heating duct, on top of heat-generating equipment); or are
  - Damp (e.g., baths, washrooms, on wet floors); or Are
  - Humid; or Are
  - Exposed to rain; or Are
  - Dusty; or Are
  - Subject to high levels of vibration.
- This unit may be installed on a stand using a Clamp.
- When installing the unit on a stand with a clamp, the stand must not be placed in an unstable location or on an incline, but in a level and stable position. Even if a stand is not used,make sure that the unit is placed in a stable location.

### ⚠WARNING

- Be sure to use only the AC adaptor supplied with the unit. Also, make sure the line voltage at the installation matches the input voltage specified on the AC adaptor's body. Other AC adaptors may use a different polarity, or be designed for a different voltage, so their use could result in damage, malfunction, or electric shock.
- Do not excessively twist or bend the power cord, nor place heavy objects on it. Doing so can damage the cord, producing severed elements and short circuits. Damaged cords are fire and shock Hazards!
- This unit, either alone or in combination with an amplifier and headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level, or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should immediately stop using the unit, and consult an Audiologist.
- Do not allow any objects (e.g., flammable material,coins, pins); or liquids of any kind (water, soft drinks,etc.) to penetrate the unit.



### ⚠WARNING

- Immediately turn the power off, remove the AC adaptor from the outlet, and request servicing by your retailer, the nearest Cherub Service Center.
  - The AC adaptor or the power-supply cord has been damaged; or
  - If smoke or an unusual odor occurs
  - Objects have fallen into, or liquid has been spilled onto the unit; or
  - The unit has been exposed to rain (or otherwise has become wet); or
  - The unit does not appear to operate normally or exhibits a marked change in performance.
- In households with small children, an adult should provide supervision until the child is capable of following all the rules essential for the safe operation of the unit.
- Protect the unit from strong impact. (Do not drop it!)
- Do not force the unit's power-supply cord to share an outlet with an unreasonable number of other devices. Be especially careful when using extension cords—the total power used by all devices you have connected to the extension cord's outlet must never exceed the power rating (watts/amperes) for the extension cord. Excessive loads can cause the insulation on the cord to heat up and eventually melt through.
- Before using the unit in a foreign country, consult with your retailer, the nearest Cherub Service Center.

### ⚠ CAUTION

- The unit and the AC adaptor should be located so their location or position does not interfere with their proper ventilation.
- Always grasp only the output plug or the body of the AC adaptor when plugging into, or unplugging from, this unit or an outlet.
- Any accumulation of dust between the AC adaptor and the power outlet can result in poor insulation and lead to fire. Periodically wipe away such dust with a dry cloth. Also, disconnect the power plug from the power outlet whenever the unit is to remain unused for an extended period of time.
- Try to prevent cords and cables from becoming entangled. Also, all cords and cables should be placed so they are out of the reach of children.
- Never climb on top of, nor place heavy objects on the unit.
- Never handle the AC adaptor body, or its output plugs, with wet hands when plugging into, or unplugging from, an outlet or this unit.
- If you need to move the instrument, take note of the precautions listed below. Make sure to have a firm grip, to protect yourself from injury and the instrument from damage.
  - Check to make sure that the clamp that fixes the unit to the stand has not become loose. Fasten them again securely whenever you notice any loosening.
  - Disconnect the power cord.
  - Disconnect all cords coming from external devices.
- Before cleaning the unit, turn off the power and unplug the AC adaptor from the outlet.
- Whenever you suspect the possibility of lightning in your area, disconnect the AC adaptor from the outlet.
- Should you remove security screws, make sure to put them in a safe place out of children's reach, so there is no chance of them being swallowed accidentally.

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# Control Panel

## Top Panel

**1. Display screen**
Display operation information.

**2. Display operation button**
Display operation button, Operate by the display.

3. **Drum kit switch knob**
Switch drum kit.

**4. Tempo knob**
Tempo setting.

**5. Song select knob**
Built-in demo song selection.

**6. Effect knob**
Built-in 4 effects (overdrive, compressor, reverb, tune) knob.

**7. Instrument knob**
Adjust drum pad parameters.

8. **Volume knob**
Master volume.

**9. ENTER/KNCK/SNARE button**
Quickly select the corresponding drum button, ENTER is the Operation confirmation button.

**10. TOMS/CYMBALS button**
Quickly select the corresponding drum button.

**11. REC recording button**
Quickly enter to recording function.

**12. CLICK Metronome button**
Quickly enter to Metronome function.

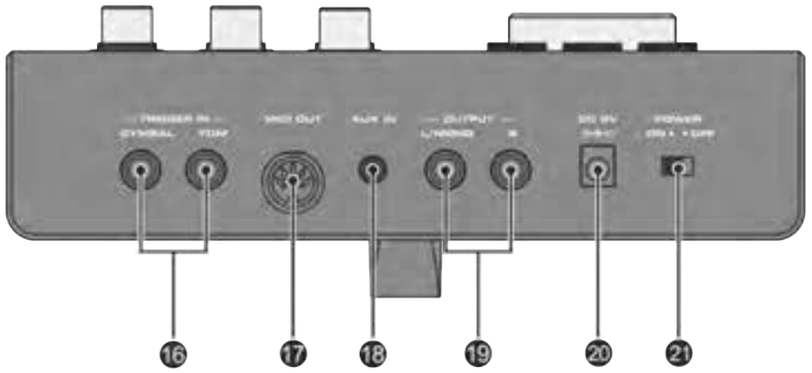
**13. PLAY/STOP button**
Play / stop the demo song.

**14. DRUM OFF button**
Turn on/ mute the drum track from demo song.

**15. USB interface**
Connecting DM-7/DM-7X with computer.

# Control Panel

## Interface panel




**16. Trigger in interface**
Expand tom/cymbal.

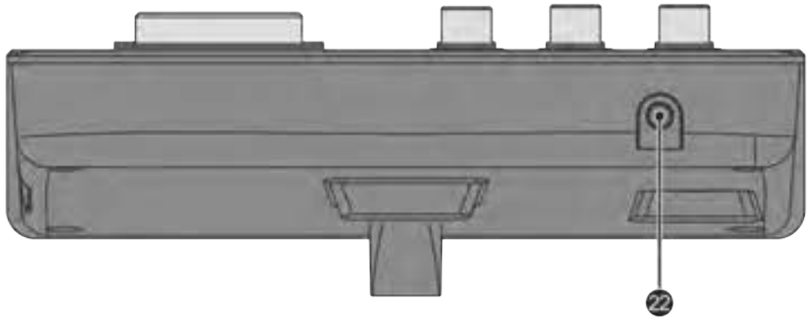
**17. MIDI out interface**
MIDI output interface.

**18. AUX IN interface**
Connect an external audio device.

**19. Output interface (L/MONO, R)**
Connect DM-7/DM-7X with PA system or AMP. If you use mono, pls connect L/MONO.

**20. DC 9V interface**
Connect the power adapter.

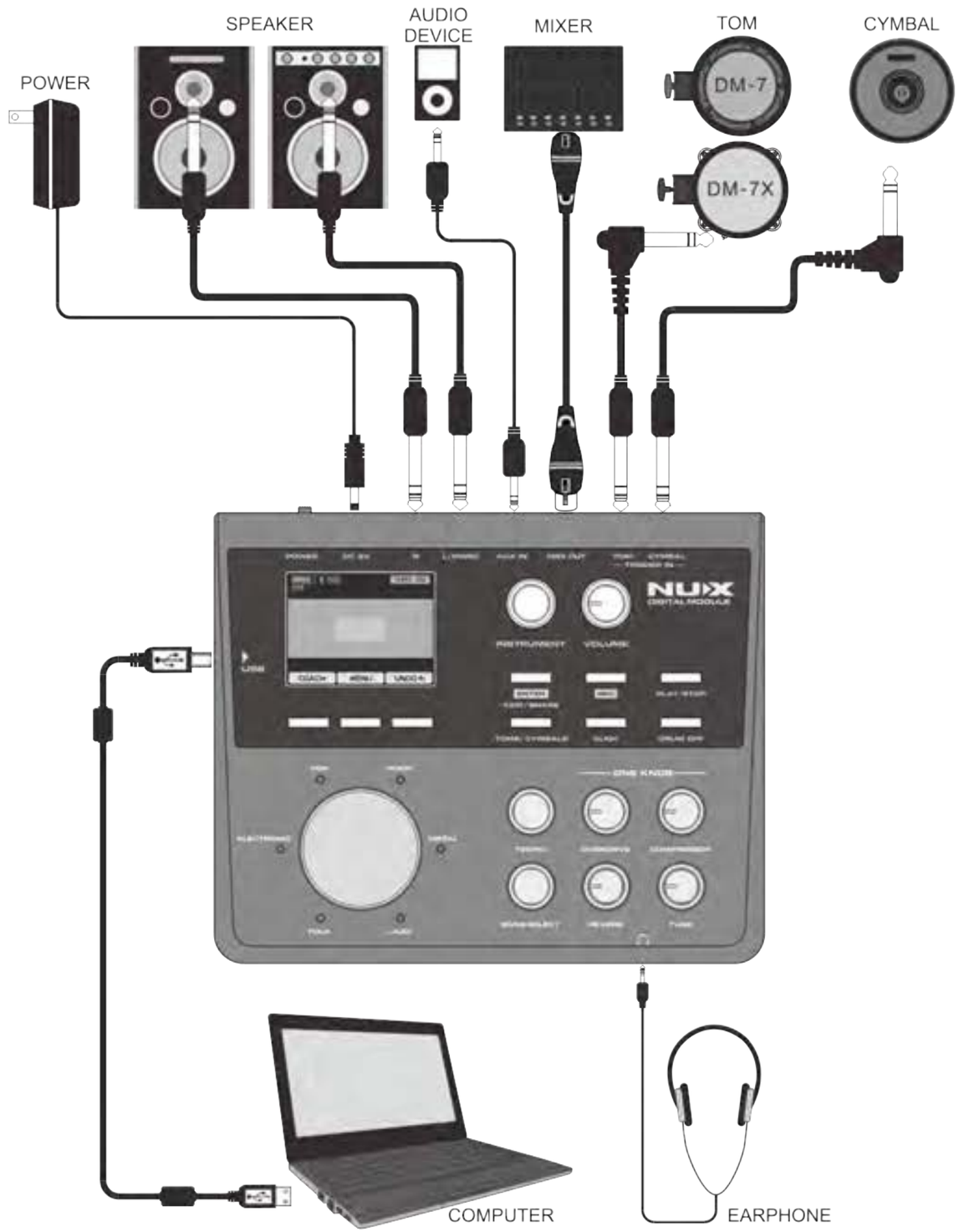
**21. POWER**
DM-7/DM-7X ON/OFF button.




**22. PHONE interface**
Earphone interface.

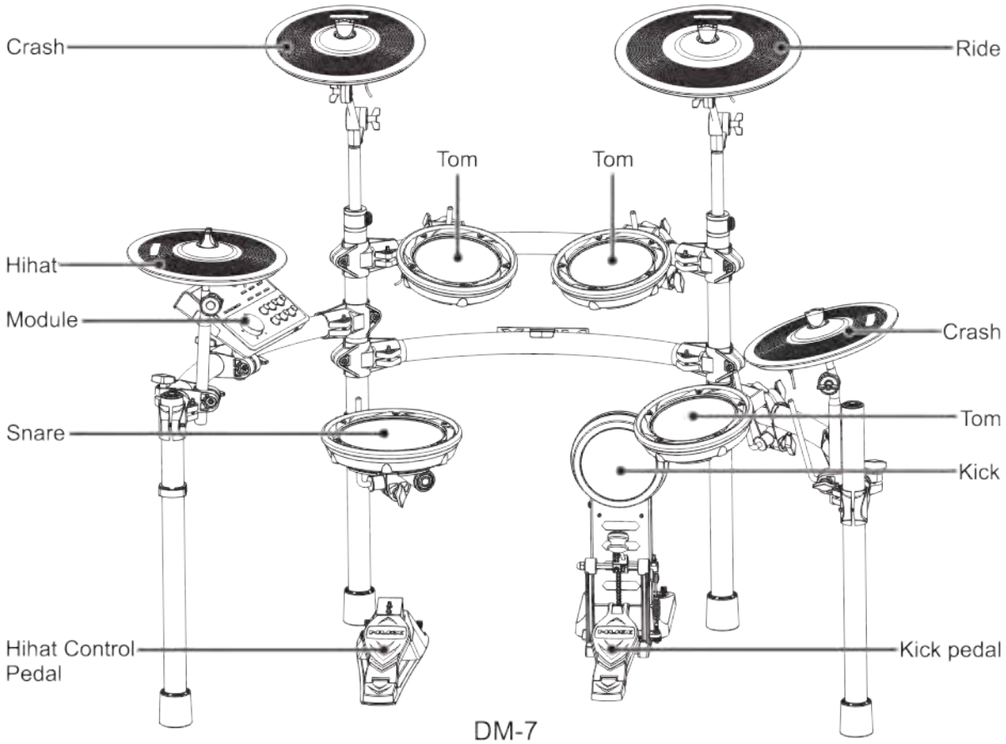


# Connecting Audio Equipment

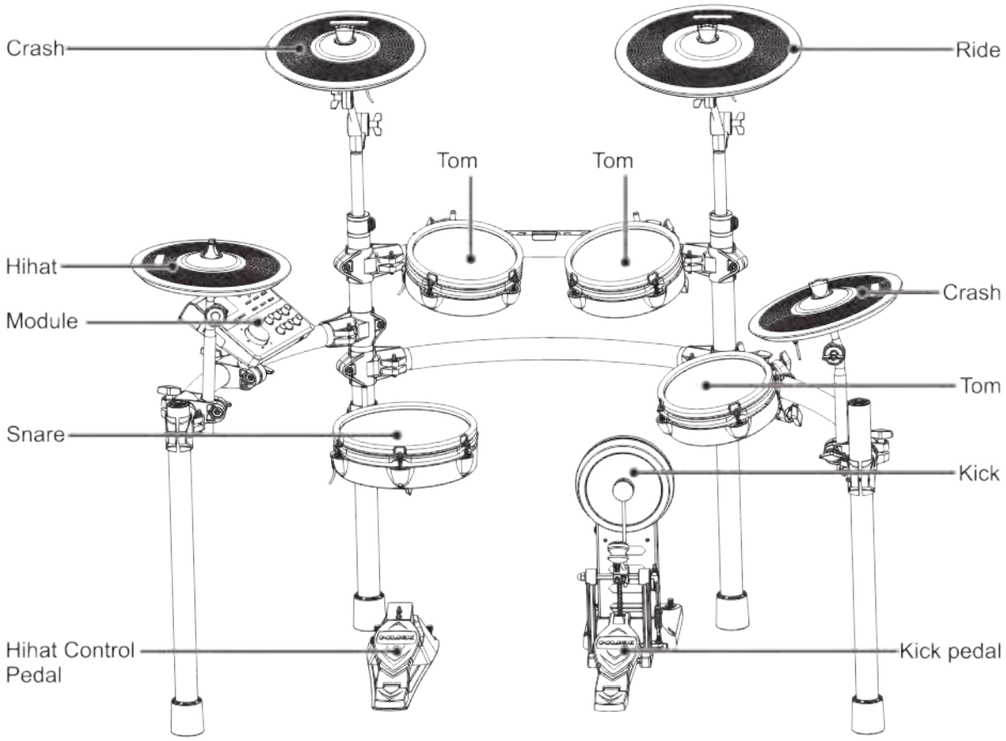



**WARNING:**
To prevent equipment damage, pls turn down the volume before turn on DM-7/DM-7X or connect it to other driver.

# Connecting Digital Drums




DM-7

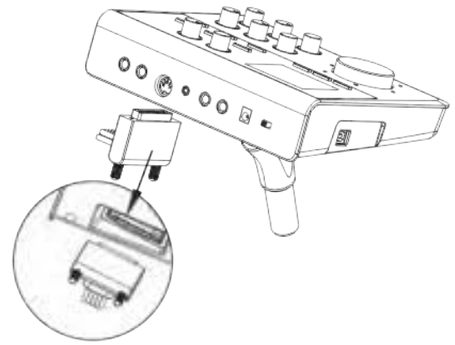



DM-7X



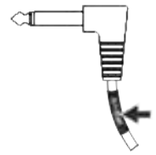
# Connecting Digital Drums

1. Connect the cable to the module.

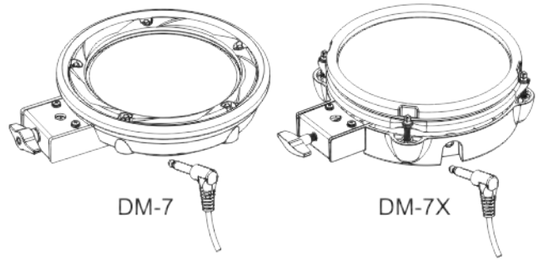


2. Connect the drum and the cymbal

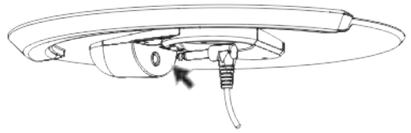
   The label on the cable indicates the name of the connected pad or pedal. as the picture shows.



Connect the drum pad:

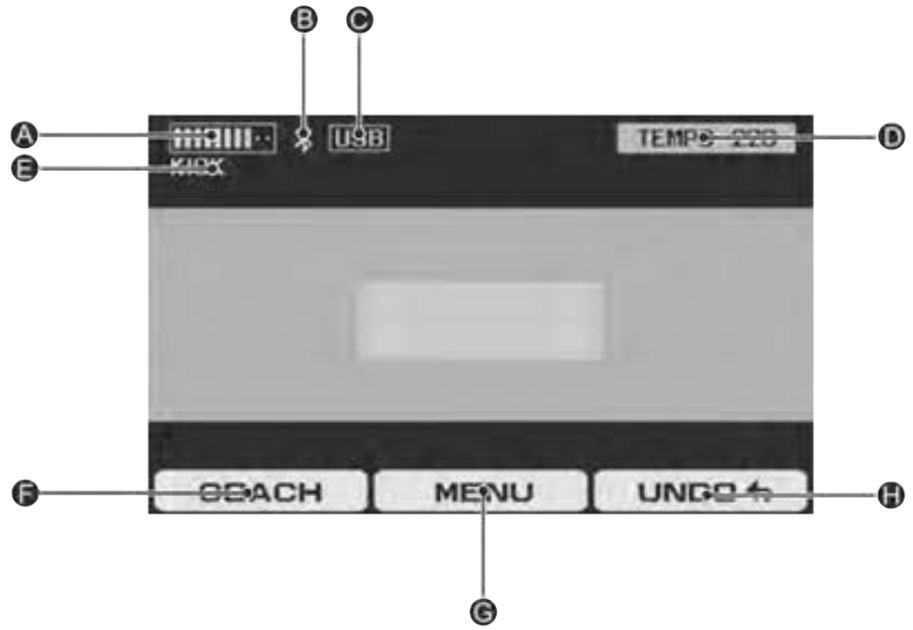



Connect the cymbals:



**Note:** To prevent equipment malfunction or damage, turn down the volume and turn off the power of the device when connecting the device.

# About Screen




A: Ten-level force display
B: Bluetooth
C: USB connect icon
D: TEMPO icon
E: The pad which you playing
F: Coach icon
G: MENU icon
H: UNDO icon

## Turn on/off the power

### ＊Turn on the power

1. Turn down the master volume.
2. Turn down the speaker's volume.
3. Turn on the power.

＊When you turning on the power, you may hear a faint sound, this in normal.

4. Hit the drum pad and cymbal pad, tune the volume.

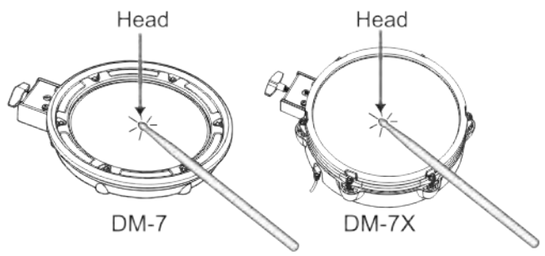
### ＊Turn off the power

1. Turn down the speaker's volume.
2. Turn off the power of external connection device.
3. Turn off the DM-7/DM-7X.

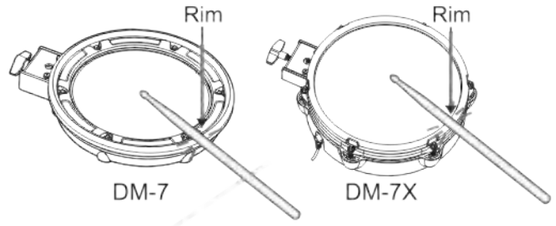
## How you can play on DM-7

### ＊Snare

Head shot

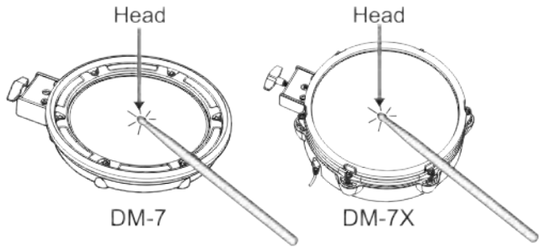



Open rim shot

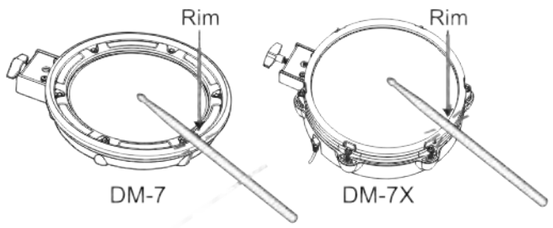



### ＊Tom

Head shot

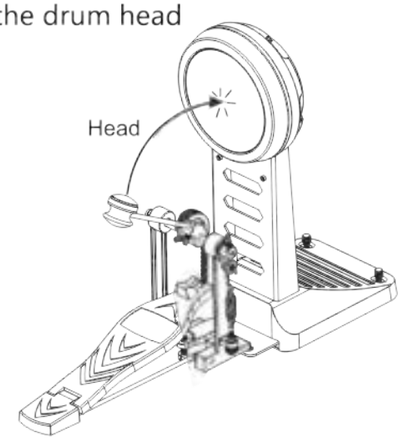



Open rim shot



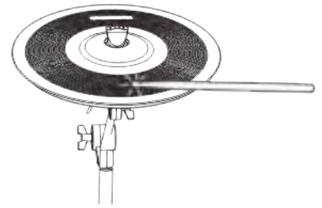

### ＊Kick

Hit the drum head

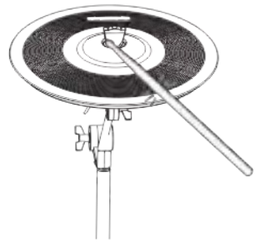



### ＊Crash

Bow shot

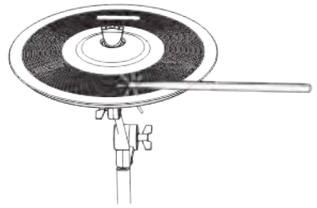


Edge shot



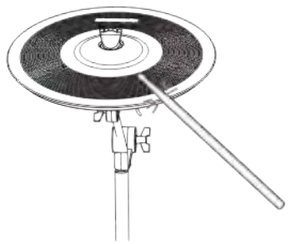
### ＊Ride

Bow shot

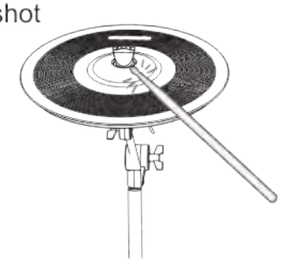


# Ready to Play

Edge shot

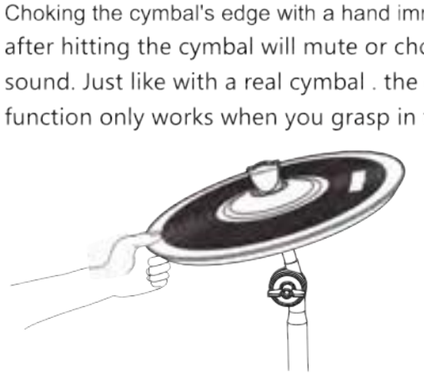


Bell shot



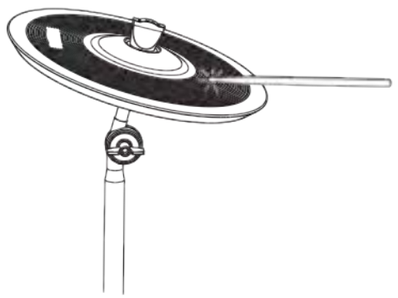
Choking a cymbal

Choking the cymbal's edge with a hand immediately after hitting the cymbal will mute or choke the sound. Just like with a real cymbal . the choke function only works when you grasp in the area.

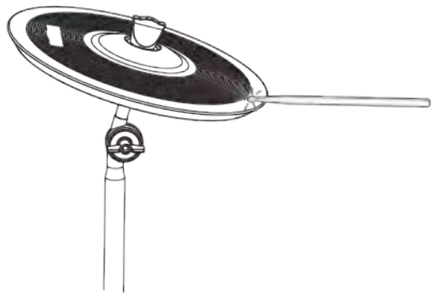


## *Hihat

Bow shot

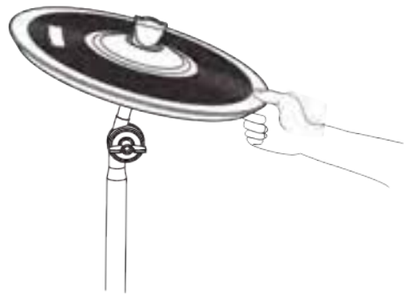


Edge shot

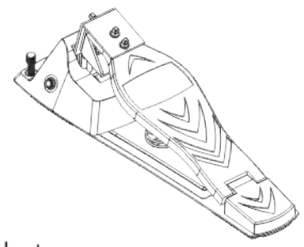


Choking a cymbal

Choking the cymbal's edge with a hand immediately after hitting the cymbal will mute or choke the sound. Just like with a real cymbal . the choke function only works when you grasp in the area.



## *Hi-hat control pedal



Open hi-hat

Strike the hi-hat without pressing the pedal.

Closed hi-hat

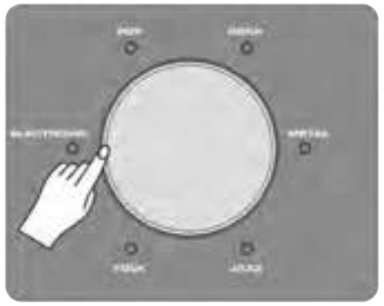
Strike the hi-hat with the pedal pressed.



# Drum Kit Operation

## Selecting a Drum Kit

1.Use the dial to select the Drum kit style, press the dial to confirm the style to the indicator flashing, and turn the dial again to select the style inner drum.



2.Turn the dial to enter the Drum kit mode in any mode.

## Setting the Drum Kit

1.Use the dial to select the drum set you want to edit.

2.Use any button as below pic to enter edit mode.

3.Hit any drum pad to select the mat to edit (or you can just press KICK/SNARE, TOMS/CYMBALS) to select.

## Setting the Drum Pad

1. In the drum setting mode, select the pad you need to edit and enter the drum setting mode.

2. Press the display button to select the parameter you want to edit.
3. Use the INSTRUMENT knob to adjust the parameters.
4. Switch any interface to automatically save parameters.

Parameter comparison table

| Parameter | Adjustment range | Parameter description |
|---|---|---|
| Instrument | | Select current drum pad sound |
| Tuning | -32-0-+32 | Adjust the current pad tone |
| Level | 0 -127 | Adjust the current pad volume |

## Setting the Drum Pad Panning

1. Click the MENU button on the main.

2. Use the up and down keys to select PAD PANNING and press ENTER to enter.

3. Use the up and down keys to select an adjustment item and the INSTRUMENT knob to adjust the parameters.

# Drum Kit Operation

## One Knob Effect

The DM-7/DM-7X's unique One knob effect adjustment feature makes it easy to adjust individual effects instantly. Just rotate each effect knob.

Parameter comparison table

| Parameter | Adjustment range | Parameter description |
|---|---|---|
| Overdrive | Adjust the intensity according to the brightness of the indicator light | Adjust overdrive |
| Compressor | Adjust the intensity according to the brightness of the indicator light | Adjust compressor |
| Reverb | Adjust the intensity according to the brightness of the indicator light | Adjust reverb |
| Tune | Adjust the intensity according to the brightness of the indicator light | Adjust tune |

## Edit The Drum Kit Name

1. Select KIT NAME SET under the MENU, press ENTER to enter the editing interface

2. Use the INSTRUMENT knob to select a character and press the left or right button to select the character you want to edit. (optional characters: A~Z, 0~9)

3. After the modification is completed, press EXIT to exit and save automatically.

**Note:** Modify the drum kit name to the drum group displayed on the current main interface, so first determine the drum kit to be modified in the main interface, and then enter the menu to modify the drum kit name.



# DEMO song function operation

In the Drum kit mode, turn the SONE SELECT knob to enter the demo mode.

**Note:** PRESET represents the built-in demo.
User represents the user's recording.

1. Press PLAY/STOP to play or pause the track.

2. Press the DRUM OFF button to turn the drum sound in the demo song on or off.

**Note:** Press the PLAY/STOP button on the DRUM KIT interface to play the demo song. The played track is selected in the song select interface.

## SONG Setting operation

1. Press MENU on the DRUM KIT interface to enter the menu, press the up or down button to select the character you want to edit, press ENTER to enter the editing interface.

2. After entering, adjust the parameters by using the up and down keys and the INSTRUMENT knob.

Parameter comparison table

| Parameter | Adjustment range | Parameter description |
|---|---|---|
| Drum Off | Drum On-Drum Off | Drums in DEMO are turned on/off |
| Cycle play | On-Off | Loop playback on/off |
| Back volume | 0 -127 | Background music VOL adjustment |
| Drum volume | 0 -127 | Drum VOL adjustment |

**Note:** When exiting this mode, the parameters are automatically saved (except for the DRUM OFF parameter).

# Recording function

1. Press the REC button on the panel to enter the recording interface, tap any drum, and the recording starts.

2. During recording, press the Pause button to pause recording, pause and press the Record button to continue recording.

3. During recording, if you stop playing in 3 seconds, the recording is terminated, or the stop button is pressed directly to terminate the recording. After termination, press the play button to listen to this recording.

# COACH function

1. On the DRUM KIT table, click on COACH to enter the coaching function.

2. Use the up and down keys to select the function you want to practice and press ENTER to enter.

## ACCENTS

In this mode, you can practice the accent transfer.

1. Enter this mode, after the automatic four-shot preparation, the practice begins.

2. After finishing the exercise, automatically enter the score interface to score this exercise. (Press START to start the exercise again)

3. Click SETUP to enter the setting interface, press the up and down keys to select the item you want to set, and adjust the parameters by using the INSTRUMENT knob.

Parameter comparison table

| Parameter | Adjustment range | Parameter description |
|---|---|---|
| Rhythm Shiift | 8th/Triplet/16th | Accent type switching |
| Sound | FULL/4TH/ACCENT/QUEIT | Sound switching |
| Score | OFF/4bar/8bar/16bar/32bar | Scoring mode switching |

4. Click CLICK to enter the metronome setting interface, press the up and down keys to select the parameter you want to adjust, and adjust it by using the INSTRUMENT knob.

Parameter comparison table

| Parameter | Adjustment range | Parameter description |
|---|---|---|
| Tempo | 40-240 | Speed adjustment |
| Sound | 1/2/3/4 | Tone adjustment |
| Volume | 0-127 | Volume adjustment |
| Pan | L64-CENTER-R63 | Panning adjustment |

## Time Check

In this mode, you can train your hit accuracy.

1. Enter this mode, after the automatic four-shot preparation, the practice begins.

2. After finishing the exercise, automatically enter the score interface to score this exercise. (Press START to start the exercise again)

3. Click SETUP to enter the setting interface, press the up and down keys to select the item you want to set, and adjust the parameters by using the INSTRUMENT knob.

Parameter comparison table

| Parameter | Adjustment range | Parameter description |
|---|---|---|
| Score | OFF/4BAR/8BAR/16BAR/32BAR | Scoring mode switching |
| Display1 | KICK/SNARE/TOMS/RIDE/CYMS/HIHAT | Test position 1 |
| Display2 | KICK/SNARE/TOMS/RIDE/CYMS/HIHAT | Test position 2 |
| Gauge | LEFT AHEND/ LEFT BEHIND | Measurement mode switching |

4. Press the CLICK button to enter the metronome setting interface, press the up and down keys to select the parameter you want to adjust, and adjust it by using the INSTRUMENT knob.

Parameter comparison table

| Parameter | Adjustment range | Parameter description |
|---|---|---|
| Tempo | 40-240 | Speed adjustment |
| Beat | 1-9 | Beat adjustment |
| Rhythm | Triplet/4th/8th/16th | Note switching |
| Sound | 1/2/3/4 | Metronome tone type |
| Volume | 0-127 | Metronome VOL switching |
| Pan | L64 – CENTER – R63 | Metronome panning switching |

## QUEIT COUNT

In this mode, you can train the sense of time, and the metronome will alternate between 'sound and mute'.

1. Enter this mode, start the practice after the automatic four-shot preparation.

2. The metronome is muted when practicing to silent shooting.

3. Automatically score after each session is completed and continue to practice.

4. Click the SETUP button to enter the setting interface, press the up and down keys to select the item you want to set, and adjust the parameters by using the INSTRUMENT knob.

Parameter comparison table

| Parameter | Adjustment range | Parameter description |
|---|---|---|
| Measures | 4/8/12/16 | Number of beats per measure |
| Queit | 1/2/4/8 | Silent beat |

5. Click the CLICK button to enter the metronome setting interface, press the up and down keys to select the parameter you want to adjust, and use the INSTRUMENT knob to adjust.

Parameter comparison table

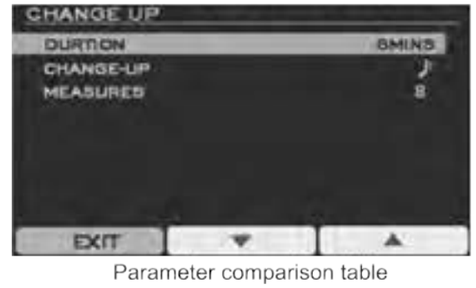
| Parameter | Adjustment range | Parameter description |
|---|---|---|
| Tempo | 40-240 | Speed adjustment |
| Beat | 1-9 | Beat adjustment |
| Rhythm | Triplet/4th/8th/16th | Note switching |
| Sound | 1/2/3/4 | Metronome tone type |
| Volume | 0-127 | Metronome VOL switching |
| Pan | L64-CENTER-R63 | Metronome panning switching |

## Change Up

In this mode, you can train your performance speed accuracy for different notes at the same time value.

1. Enter this mode, start the practice after the automatic four-shot preparation.

2. This mode does not set a score, click SETUP to enter the setting interface, use the up and down keys to select the item you want to set, and adjust the parameters with the INSTRUMENT knob.




Parameter comparison table

| Parameter | Adjustment range | Parameter description |
|---|---|---|
| Durtion | 5/10/15/20 MINS | Practice time |
| Change-UP | 16th/5/6 | Note adjustment |
| Measures | 1/2/4/8 | Beat number adjustment |

3. Click the CLICK button to enter the metronome setting interface, press the up and down keys to select the parameter you want to adjust, and adjust it by using the INSTRUMENT knob.

Parameter comparison table

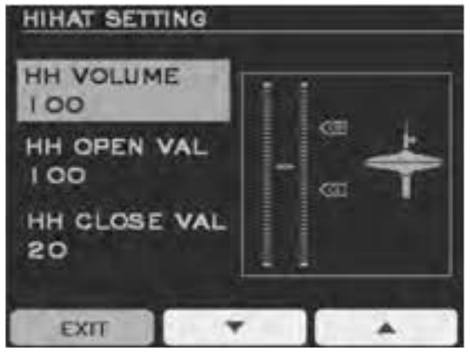
| Parameter | Adjustment range | Parameter description |
|---|---|---|
| Tempo | 40-240 | Speed adjustment |
| Beat | 1-9 | Beat adjustment |
| Sound | 1/2/3/4 | Metronome tone type |
| Volume | 0-127 | Metronome VOL switching |
| Pan | L64-CENTER-R63 | Metronome panning switching |

# System Menu Funtion

Click the MENU button on the main interface to enter the menu, and use the up and down keys to select the item you want to set, press ENTER to enter

## Hihat Setting

Select the HIHAT SETTING item and press the ENTER key to enter. This interface is used to adjust the hi-hat system value.




Adjust the value with the INSTRUMENT knob.
HH VOLUME Hi-hat volume adjustment
Range: 0 – 126

HH OPEN VAL (opening hihat range adjustment)
Range: 70 – 126

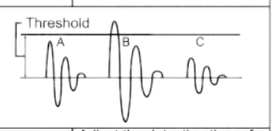
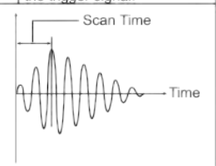
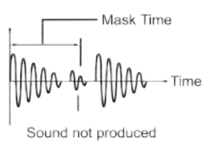
HH CLOSE VAL(closing hihat range adjustment)
Range: 1-60

## Trigger

1. In the MENU screen, select TRIGGER and press ENTER to enter.
2. Hit the pad and select the pad you want to set.
3. Use the up and down keys to select the parameter you want to adjust, use The INSTRUMENT knob adjusts.

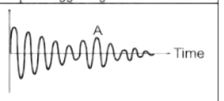
*The higher the sensitivity, the louder the sound even if the pad is tapped lightly. The lower the sensitivity, the smaller the volume will be when you hit the pad with force. Try and adjust the sensitivity that suits your habits.

Parameter comparison table

| Parameter | Adjustment range | Parameter description |
|---|---|---|
| SENSITIVITY | 0.1 – 3.2 | Adjust the drum sensitivity, the higher the sensitivity, the louder sound will be produced even if the pad is tapped lightly. The lower the sensitivity, the smaller the volume will be produced even if you tap hard. Try and adjust the sensitivity that suits your combat habits. |
| THRESHOLD | 0 – 16 | Adjust the trigger level of the drum. |
| As shown on the right, the B waveform will sound and the A and C waveforms will not occur.<br>**Note:** If the value you set is too high, a light blow will not sound. |  | |
| SCANTIME | 1MS-8MS | Adjust the detection time of the trigger signal. |
| When setting, try a soft and powerful blow and confirm the natural change in volume.<br>**Note:** If the value you set is too high, the sounding time will be lengthened. Please set as low as possible. |  | |
| MASKTME | 4MS-64MS | Adjust the masking time of the trigger signal. |
| **Note:** When playing fast, too high values may mask the trigger signal, so lower the value as much as possible. |  | |





| RETRIG CANCEL | 0-16 | Adjust the repeat trigger value of the trigger signal. |
|---|---|---|
| **Note:** If the value is set too high, some hit signals may be ignored due to the small force of the strike.<br>Therefore, set the minimum value as much as possible without repeated triggering. |  | |
| XTALK CANCEL | 0%-80% | Adjust the crosstalk value. |
| When hit, some drums that are not hit are also triggered to sound, improving the XTALK CANCEL of the drum that is being audible.<br>**Note:** If the value is set too high and the strike is at the same time, the drum with a small striking force may not be triggered. Therefore, the value is set as small as possible without crosstalk. | | |
| CURVE | LINEAR/EXP/LOG/LOUND | |
| RIM GAIN | 0.1-3.2 | Adjust the edge hit gain to be effective only for the drum rim and the cymbals edge. |
| HEAD RIM ADJUST | 0.1-3.0 | When you hit the rim or the side, the tone will be worse than you want,<br>you can improve this by adjusting RIM ADJUST. If the value is set too low, you will not be able to play it. |

**Note:** The parameter will be saved automatically when exiting this mode.

## Midi Note

Set the MIDI code output corresponding to the pad, OFF means no output

1. In the MENU interface, select MIDI NOTE and press ENTER enter.

2. Use the up and down keys to select the parameter you want to adjust, use the INSTRUMENT knob to adjust the value.

Parameter comparison table

| Parameter | Adjustment range | Parameter description |
|---|---|---|
| KICK | OFF, 0 - 127 | Adjust the kick drum output midi code |
| SNARE | OFF, 0 - 127 | Adjust the snare drum output midi code |
| SNARE RIM | OFF, 0 - 127 | Adjust the snare rim output midi code |
| TOM1 | OFF, 0 - 127 | Adjust the tom1 output midi code |
| TOM1 RIM | OFF, 0 - 127 | Adjust the tom1 rim output midi code |
| TOM2 | OFF, 0 - 127 | Adjust the tom2 output midi code |
| TOM2 RIM | OFF, 0 - 127 | Adjust the tom2 rim output midi code |
| TOM3 | OFF, 0 - 127 | Adjust the tom3 output midi code |
| TOM3 RIM | OFF, 0 - 127 | Adjust the tom3 rim output midi code |
| RIDE BOW | OFF, 0 - 127 | Adjust the ride bow output midi code |
| RIDE EDGE | OFF, 0 - 127 | Adjust the ride edge output midi code |
| RIDE BELL | OFF, 0 - 127 | Adjust the ride bell output midi code |
| CRASH1 BOW | OFF, 0 - 127 | Adjust the crash1 bow output midi code |
| CRASH1 EDGE | OFF, 0 - 127 | Adjust the crash1 edge output midi code |
| CRASH2 BOW | OFF, 0 - 127 | Adjust the crash2 bow output midi code |
| CRASH2 EDGE | OFF, 0 - 127 | Adjust the crash2 edge output midi code |
| HH OPEN BOW | OFF, 0 - 127 | Adjust the open hihat bow output midi code |
| HH OPEN EDGE | OFF, 0 - 127 | Adjust the open hihat edge output midi code |
| HH CLOSE BOW | OFF, 0 - 127 | Adjust the close hihat bow output midi code |
| HH CLOSE EDGE | OFF, 0 - 127 | Adjust the close hihat edge output midi code |
| HH PEDAL | OFF, 0 - 127 | Adjust the hihat control output midi code |
| TOM4 | OFF, 0 - 127 | Adjust the tom4 output midi code |
| TOM4 RIM | OFF, 0 - 127 | Adjust the tom4 rim output midi code |

**Note:** When you exit this mode, the parameters are automatically saved.

## Click

1. Select the CLICK item in the MENU interface and press ENTER to enter
2. Use the up and down keys to select the parameter you want to adjust, adjust the value using the INSTRUMENT knob

Parameter comparison table

| Parameter | Adjustment range | Parameter description |
|---|---|---|
| Tempo | 40-240 | Speed adjustment |
| Beat | 1-9 | Beat adjustment |
| Rhythm | Triplet/4th/8th/16th | Note switching |
| Sound | 1/2/3/4 | Metronome tone type |
| Volume | 0-127 | Metronome VOL switching |
| Pan | L64-CENTER-R63 | Metronome panning switching |

**Note:** When you exit this mode, the parameters are automatically saved.

# System Menu Funtion

## Factory Reset

1. In the MENU screen, select FACTORY RESET and press ENTER to enter.
2. Use the up and down keys to select the parameter you want to adjust and press ENTER to enter the setting.

Parameter comparison table

| Parameter | Interface content | Parameter description |
|---|---|---|
| RESET CURRENT KT | | Restore all current parameters of this drum kit to the factory settings. |
| RESET ALL KT | | Restore all parameters of all drum kits to factory settings. |
| RESET SYSTEM | | Restore the source system version content to the factory settings. |
| RESET ALL | | Restore all content values to factory settings. (one click recovery) |

## Option

1. In the MENU screen, select OPTION and press ENTER to enter.
2. Use the up and down keys to select the parameter you want to adjust, use the INSTRUMENT knob to adjust the value.

Parameter comparison table

| Parameter | Adjustment range | Description |
|---|---|---|
| TFT BRIGHTNESS | 0-10 | Screen brightness adjustment |
| MIDI OUT CHANNEL | 1-16 | Midi signal channel selection |
| SYSTEM INFORMATION | | System version information |

## USD-MIDI

Use the USB MIDI cable to connect the drum machine USB port to the computer's USB port. After the connection is successful, the USB icon on the screen will light. After the connection is successful, the unit responds to the MIDI signal transmitted from the computer and sends a MIDI signal to the computer.

# Drum Group Tone Editing

| Style | Full Name |
|---|---|
| POP | Standard |
| | Original |
| | Vintage |
| | Studio |
| | Stage |
| | POP06 |
| | POP07 |
| | POP08 |
| ROCK | Standard |
| | Stage |
| | Original |
| | Studio |
| | Vintage |
| | ROCK06 |
| | ROCK07 |
| | ROCK07 |
| METAL | Heavy |
| | Blast |
| | 90s |
| | Diabolic |
| | Progressive |
| | METAL06 |
| | METAL07 |
| | METAL08 |
| JAZZ | Standard |
| | Original |
| | Live |
| | Swing |
| | Modern |
| | JAZZ06 |
| | JAZZ07 |
| | JAZZ08 |
| FOLK | Jing-Opera |
| | Bangor |
| | Latin |
| | Conga |
| | Africa |
| | FOLK06 |
| | FOLK07 |
| | FOLK08 |
| ELECTRONIC | Standard |
| | Morden Machine |
| | Ambience |
| | Dubstep |
| | Stage |
| | ELECT06 |
| | ELECT07 |
| | ELECT08 |

**Note:** Groups 1-5 of each style are preset drum kits, Group 6-8 of each styles are custom drum kits.

# Midi Table

| Function | | Transmitted | Recognized | Remarked |
|---|---|---|---|---|
| Basic default | | 10 | 1-16 | |
| Channel changed | | No | No | |
| Note | | 0-127 | 0-127 | |
| Velocity: | Note on | Yes | Yes | |
| | Note off | No | Yes | |
| After key's | | No | Yes | |
| Touch Channel's | | No | Yes | |
| Control Change: | 0 | No | No | Bank select |
| | 1 | No | Yes | Modulation |
| | 5 | No | Yes | Portamento time |
| | 7 | No | Yes | Volume |
| | 10 | No | Yes | Pan |
| | 11 | No | Yes | Expression |
| | 64 | No | Yes | Sustain pedal |
| | 65 | No | Yes | Portamento on/off |
| | 66 | No | Yes | Sostenuto pedal |
| | 67 | No | Yes | Soft pedal |
| | 120 | No | Yes | All sound off |
| | 121 | No | Yes | Reset all controllers |
| | 123 | No | Yes | All note off |
| Program Change: | | No | Yes | Yes |
| System exclusive | | No | No | No |

# Technical Specifications

**Polyphony** :108
**Display** :TFT LCD color screen
**Voice** :30 sets of sounds
**Drum Kit** :48 sets of drum sets (30 sets of preset drum sets, 18 sets of user drum sets)
**Demo song:** 20 demo songs
**Recording:** 10 sets of recordings
**C L I C K:** Editable metronome tone, number of beats, rhythm, speed, volume Trigger : MIDI function:USB MIDI, automatic computer recognition 3 TOM (dual trigger), 1 SNARE (dual trigger), 1 HIHAT (dual trigger), 1 CRASH (dual trigger), 1 RIDE (three trigger), 1 KICK (single trigger)
**Interface** :Headphone jack, power connector, OUTPUT, AUX IN, MIDI OUT, TRIGGER IN (CYMBAL/TOM)
**Power** :DC 9V

*Technical specifications are subject to change without notice.



**FCC ID: 2AOAA-DM-7**
**FCC WARNING:**
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
If this equipment does cause harmful interference to radio or television reception,
which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.
To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

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