

ddrum[®]

Digital Drum Set 100 Series DD1

Owner's manual



Congratulations!

Thank you for purchasing this digital drum . The drum has been developed to act and play like a drum set but with greater ease. Before you use the instrument, we recommend you to read through this manual.

Taking Care of Your Digital Drum Set

Location

- Do not expose the unit to the following conditions to avoid deformation, discoloration, or more serious damage.
- Direct sunlight.
- High temperature (near a heat source, or in a car during the day time).
- Excessive humidity.
- Excessive dust.
- Strong vibration

Power Supply

- Make sure to use the suitable AC adaptor, and also make sure the AC outlet voltage at your country matches the input voltage specified on the AC adaptor label.
- Turn the power switch OFF when the instrument is not in use.
- An AC adaptor should be unplugged from the AC outlet if the instrument is not be used for an extended period of time.
- Unplug the AC adaptor during electric storms.
- Avoid plugging the AC adaptor into the same AC outlet as appliance with high power consumption, such as electric heaters or ovens. Also avoid using multi-plug adaptors since these can result in reducing the sound quality, operation errors and possibly damage.

Turn Power OFF When Making Connections

- To avoid damage to the instrument and other devices to which it is connected, turn the power switches of all related device OFF prior to connecting or disconnecting cables.

Handling and Transport

- Never apply excessive force to the controls, connectors or other parts of the instrument.
- Always unplug cables by gripping the plug firmly, but not pulling on the cable.
- Disconnect all cables before moving the instrument.
- Physical shocks caused by dropping, bumping, or placing heavy objects on the instrument can result in scratches and more serious damage.

Cleaning

- Clean the unit with a dry soft cloth.
- A slightly damp cloth may be used to remove stubborn grime and dirt.
- Never use cleaners such as alcohol or thinner.
- Avoid placing vinyl object on top of the unit (vinyl can stick to and discolor the surface).

Electrical Interference

- This instrument contains digital circuitry and may cause interference if placed too close to radio or television receivers. If this occurs, move the instrument further away from the affected 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 instruction manual. In case the function could not resume, please use the product in other location.

This device complies with part 15 of the fcc rules. operation is subject to the following two conditions:

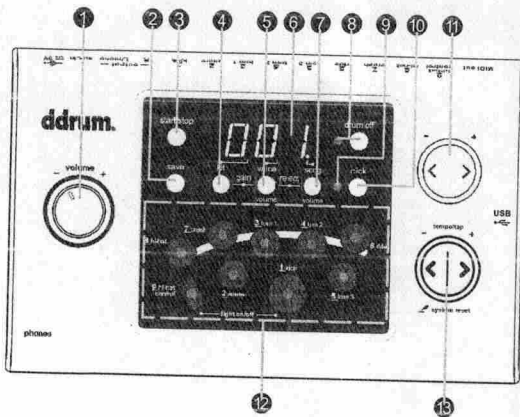
- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Contents

Panel Controls	3
- Front Panel.....	3
- Rear Panel.....	3
- Side Panel.....	3
Setup	4
- Connect the Pads and the Pedal.....	4
- Connect a MIDI device.....	5
- Connect to PC with USB cable.....	5
- Connect an audio equipment.....	5
- Connect a CD player, etc.(Aux in jack).....	6
- Connect Headphones.....	6
- Connect the Power supply jack.....	6
Functions	7
- Switch the power ON.....	7
- Set the main volume.....	7
- Select a drum kit.....	7
- Set the AUX IN volume.....	7
- Play with a Metronome.....	8
Play a Song	8
- Select a Song.....	8
- Listen to the Song.....	8
- Adjust the Song's volume.....	9
- Adjust the Song's tempo.....	9
- Tap tempo function.....	9
- Mute a Drum part.....	9
- Play with a Click voice.....	10
- Use the lighting guide function.....	10
Create a User Drum Kit	10
- Set a drum voice.....	10
- Adjust the volume of Pad.....	11
- Adjust the MIDI note of Pad.....	11
- Save your drum kit voices.....	11
Setting	12
- Adjust the pad sensitivity.....	12
- Set the rejection for each pad.....	12
- Reverb.....	13
- Tuning.....	13
- Factory set.....	13
Specifications	14
MIDI implementation chart	14
GM Backing Instrument List	15
Voice list/Preset kit list/Song list	16

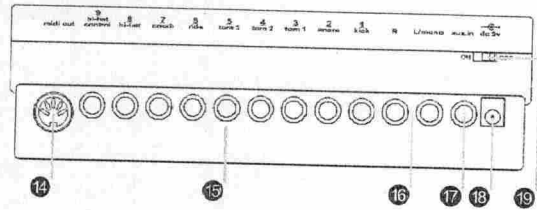
Panel Controls

Front Panel



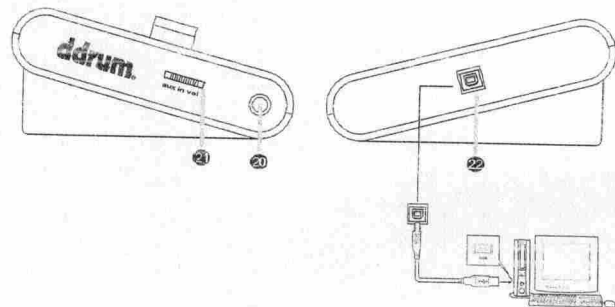
- 1 **Volume knob**
Control the volume of phone and line output. Turn it clockwise to increase the volume and anticlockwise to decrease it.
- 2 **[save] button**
Save current kit setting to a user kit.
- 3 **[start/stop] button**
Start or stop song playing.
- 4 **[kit] button**
Display the drum kit number or reverb setting.
- 5 **[voice / volume] button**
Display the voice number, volume, pitch or MIDI note.
- 6 **3-digit LED display**
Display the parameters of current menu mode.
- 7 **[song / volume] button**
Display the song number or accompaniment volume value.
- 8 **[drum off] button and indicator**
This button is used to turn on or turn off the percussion of song.
- 9 **Beat indicator**
Beat of metronome or a song is playing
- 10 **[click] button**
Turn on or off the metronome.
- 11 **[+] and [-] buttons**
These buttons are used to change the setting number of kit, voice, song and adjust the Pad volume.
- 12 **Pad select buttons and indicators**
Select current pad and adjust the pad volume. When you press them, the corresponding indicator lights up.
- 13 **[tempo - / +] and [tap] buttons**
Change current tempo.

Rear Panel



- 14 **MIDI out jack**
Connect with external sound module.
- 15 **Trigger input jacks**
Connect with pads, cymbals, hi-hat control, kick trigger.
- 16 **Output jacks (R, L/mono)**
Connect with the amplifier or audio system. For monaural output use the L/mono jack.
- 17 **Aux.in jack**
Connect with external sound source.
- 18 **Power supply jack (DC in 9V)**
Connect an AC adaptor to this jack.
- 19 **Power switch**
Turn the power on/off.

Side Panel



- 20 **Phones jack**
Connect with to a pair of stereo headphones to this jack. (Connect the headphones will not mute the output jacks.)
- 21 **Aux in volume dial**
Control the volume of aux in line input
- 22 **USB port**
Connect to the PC or other module with USB host device.

Setup

Caution!

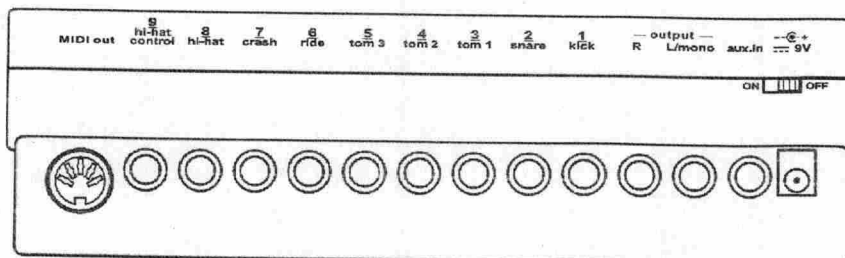
To prevent electric shock and damage to the device, make sure the power is switched OFF on the drum and all related device before making any connection.

Connect the Pads and the Pedals

Using the provided cables, connect each Trigger input jack on the rear panel of the module, and make sure each pad is connected to its corresponding Trigger input jack.

Note:

1. The voice of hi-hat pad hitting is controlled by hi-hat pedal. Similar to a real drum kit, the hi-hat pad functions as an 'open hi-hat' when the pedal is stepped. When the pedal is released, it functions as a 'closed hi-hat'.
2. The valid striking area of a cymbal pad (ride, crash or hi-hat) is near the edge of the pad, which is different from other pads.

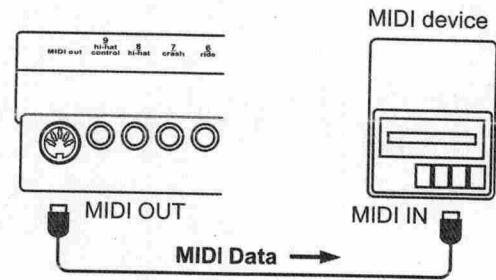


Connect a MIDI device

This is for you want to use an external sound module or MIDI sequencer.

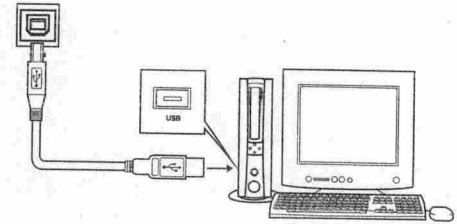
Transmit MIDI Data

1. Use a MIDI cable to connect the MIDI OUT jack on the drum module with the MIDI IN jack on the external MIDI device.
2. This drum will output all the MIDI codes generated by pads hitting or pedal stepping via the MIDI output connector. But clicking and the MIDI codes in songs are excluded.



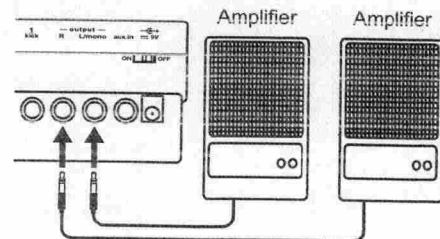
Connect to PC with USB cable

1. Connect PC or other USB host devices that support USB Audio.
2. For devices with USB cable, you can choose USB Audio Device in the device menu of the software to transfer midi data.
3. The USB is compatible with Windows 7, XP, Vista and Mac OS without any PC driver. The drum module sends the MIDI data by hitting pads or stepping pedal through USB port. But the data of the click and song playing is not included. USB port only sends and receives MIDI information.



Connect an audio equipment

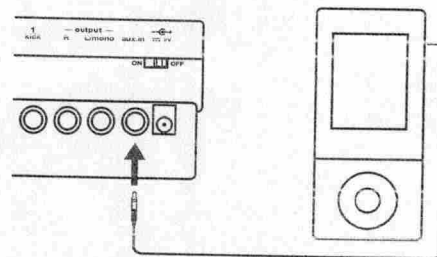
1. When you want to listen to the voices with an amplifier, connect amplifiers with the Output L/MONO and R jacks on the rear panel. (For monaural playback, use the L/MONO jack; for stereo playback, connect both L/MONO and R jacks.)
2. The volume is adjusted with the VOLUME knob.



Connect a CD player, etc.(Aux. In jack)

1. The audio output of a CD player, or other audio source, to connect with the AUX IN jack on the rear panel can be mixed with the sound of the drum. This function is convenient that lets you play along with a favourite song.
2. The volume of the external signal is adjusted with the VOLUME knob.
3. The volume of external signal can also be adjusted with AUX IN VOLUME dial.

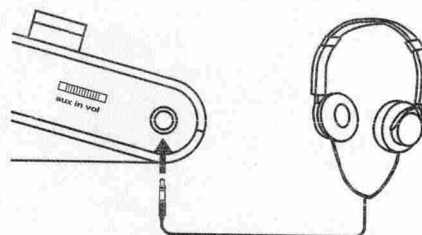
* Before make the connection, turn down the volume to the minimum level.



Connect Headphones

An optional set of stereo headphones can be connected with the PHONES jack located on the side of the drum module.

* Adjust the volume to a comfortable level.

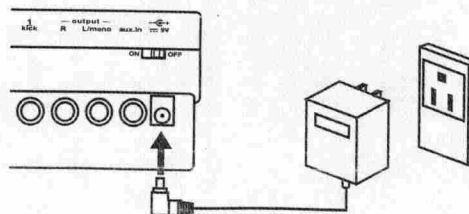


Connect the Power supply jack

Make sure the power is switched OFF and connect the power adaptor with the DC IN jack on the rear panel.

Note:

1. To protect the speakers, amplifier and the drum module from damage, rotate the volume knob to the minimum volume level before switching the power ON.
2. Make sure the power is switched OFF when connecting drum module with external devices.

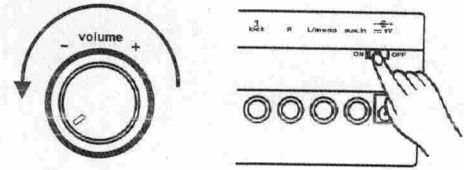


Functions

Switch the power ON

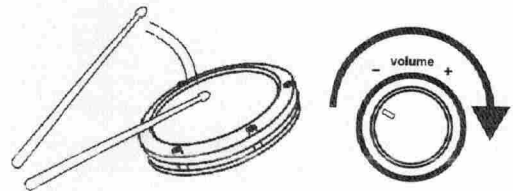
After confirming all connection have been completed, rotate the volume knob to the left (minimum volume level) before switching the power on.

Set the power switch to "on" position to switch on the power. Display shows the song's number and its indicator lights up.



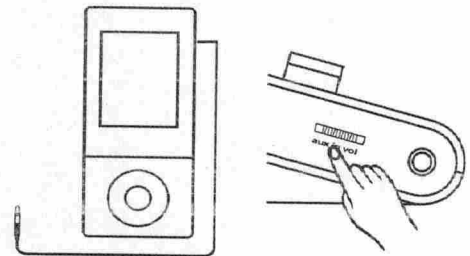
Set the main volume

While hitting a pad, gradually rotate the volume knob until a comfortable volume level is reached.



Set the AUX IN volume

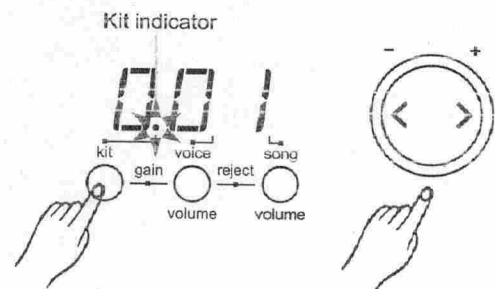
While it receive the external audio signal from Aux In jack, gradually rotate the volume dial until a comfortable volume level is reached.



Select a drum kit

The unit comes with 20 (001-020) preset drum kits and 10 user kits (021-030). (Reference song list : Page16.)

1. Press [kit] button
The current kit number appears and the Kit indicator lights.
2. Press [+] or [-] buttons to select the drum kit number (001 - 020) you want to use.



Play with a Metronome

1. Press the [click] button to start the metronome. The beat indicator is flashing and the click sound begins to play.
2. Press the [tempo +] or [tempo -] buttons to set the metronome beat.
3. Press the [click] button again to stop the metronome.

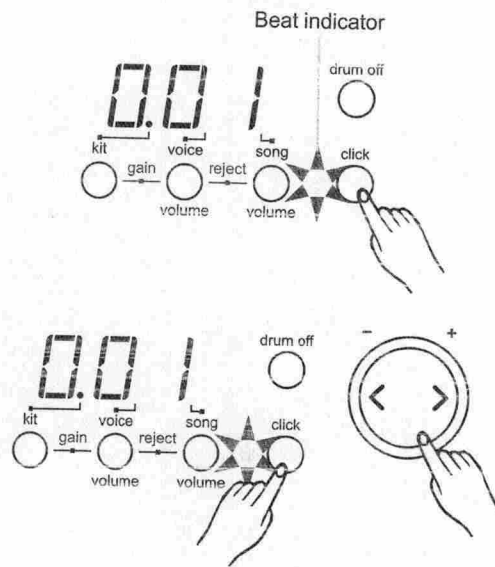
Adjust the volume of the click sound

Hold down the [click] button and press the [+] or [-] buttons to adjust the volume of the click sound, the metronome automatically play.

*When playing the metronome:

The metronome stops immediately when holding down [click] button, and pressing the [+] or [-] buttons on the click sound.

*Volume of the click sound will be reset to default once power is on.



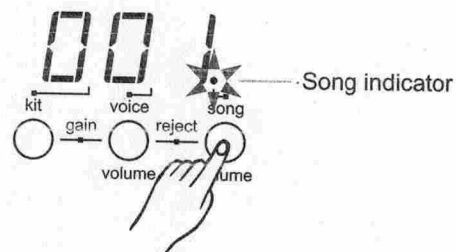
Play a Song

Select a song

This drum module has a total of 50 preset songs.

Note: The preset song setting is 001 after you slide on power.

1. Press [song / volume] button.
The song indicator lights and the current song's number appears.
2. Press [+] or [-] buttons to select one of the song and listen to it.
Song numbers 001 - 050 are preset songs.
(Reference song list : page 16.)

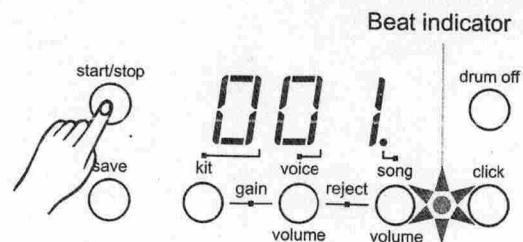


Listen to the song

1. Press [start/stop] button and the beat indicator is flashing.
After the counting, the song will start playback from the beginning.
2. The song will stop when it reaches the end.
You can stop the song during playback by pressing the [start/stop] button.

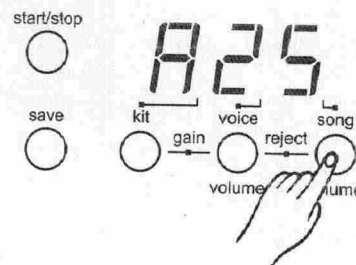
* The ASSIGN pad's indicator flashes at the first beat of each measure.

Note: The ASSIGN pad's indicator can be lighted off by pressing both [hi-hat control] and [kick] buttons at the same time.



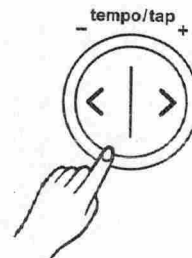
Adjust the song's volume

1. Press the [song / volume] button to select the volume of song. Display shows : "A XX". (XX = level value, 00 to 31)
2. Press [+] or [-] buttons to adjust the volume of song accompaniment.



Adjust the song's tempo

1. Press the [tempo +] or [tempo -] buttons. Display shows the current tempo value.
 2. Press the [tempo +] or [tempo -] buttons to increase or decrease the tempo. (tempo value in the range of 30 to 280)
- * Holding down either a [tempo +] or [tempo -] buttons to change the setting in a high speed.
 - * Press [tempo +] and [tempo -] buttons at the same time to reset the tempo to default value.

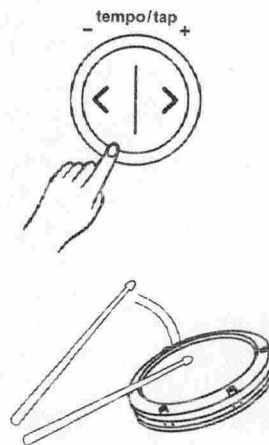


Note: About 2 seconds after you stop pressing the [Tempo] button, display changes to show your selected song, voice or kit number instead of tempo value.

Tap tempo function

This function allows you to set the song's tempo by tapping in tempo on a pad.

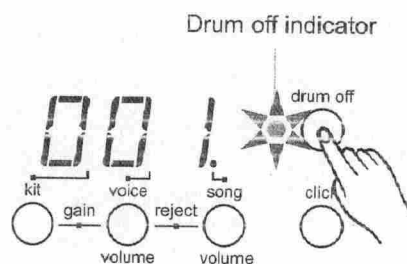
1. Press the [tempo/tap] button. Display shows the current tempo value.
 2. Tap on the pad in the tempo that you want to get. Tap on the pad 4 times. The last two beats are only detected and are set as your desired speed.
 3. The song will be played with your desired tempo you set. When the song is playing, you are not allowed to change the tempo with this tempo function.
- * Any pads can do the tap tempo function.
 - * If there is no valid operation, display will quit to the previous menu after 2 seconds.



Mute a Drum part

1. Press [drum off] button. The drum off indicator lights. The drum mute function is active.
2. Press [start/stop] button to playback the song. The drum part in the song will be muted.
3. To cancel the drum mute function, press [drum off] button again. The drum off indicator light goes off.

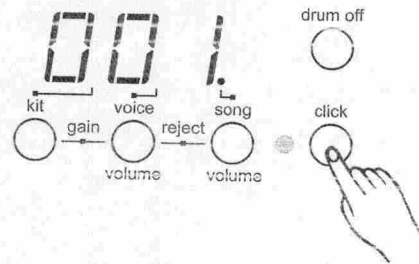
* The drum mute function can be used during song playing.



Play with a Click voice

1. Press the [click] button to start the metronome. It will be played with tempo.
2. Press the [click] button again to stop the metronome.

Note: The click voice will not stop automatically once the song finished until you press the [click] button.

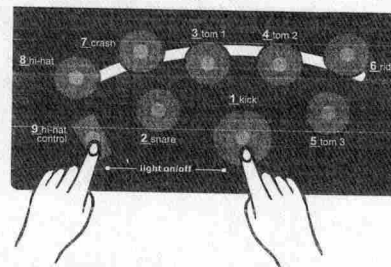


Use the lighting guide function

The lighting guide function provides you a valuable lesson to practice or learn the drum kit with playing the preset song.

1. Select the song number you want to practice.
2. Press [drum off] button.
3. Press [start/stop] button to start song play.
4. Strike the pad in accordance with the lighting of pad's indicators or press the hi-hat pedal and kick the bass drum pad exactly when their indicators light.

* During song playing, you can change the Tempo(speed), or use the tap tempo function to set your desired tempo.



* Press the [hi-hat control] + [kick] buttons to turn off all the pad's indicator. Press the [hi-hat control] + [kick] buttons again to turn on all the pad's indicator.

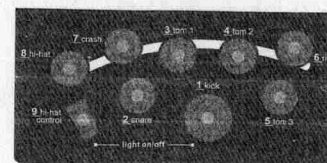
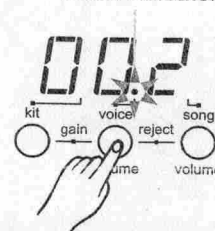
Create a User Drum Kit

Set a drum voice

The unit comes with 215 high quality percussion sounds that you can assign to any of the drum pad, 3 cymbals, hi-hat control and bass drum. This way you can create your own drum kit that consists of the voice you want. (Reference voice list : Page16.) The kit number 021-030 is use for saving your own drum kit.

1. Press [voice] button.
The voice indicator lights and the display shows the voice number of this pad.
2. Press [pad] button or hit the pad you want to set. The pad indicator light and display shows the current voice number of lighting pad.
3. Press [+] or [-] buttons to select the voice number you want to assign.
4. Repeat step 2 and 3 for to set the voice for another pad or bass drum.

Voice indicator



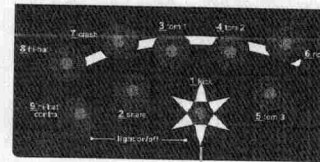
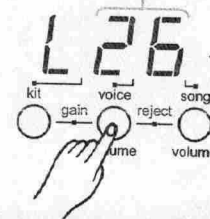
Pad buttons

Adjust the volume of Pad

This unit allows you to adjust the volume of every voices in the kit that let you control the individual level (volume) of the pads or bass drum.

1. Press the [voice / volume] button to select the volume level setting display shows : " L XX".
(XX = level value, 00 to 31)
The pad button indicator lights and display shows the current volume level of lighting pad.
2. Press the [PAD] button or kit the percussion pad you want to adjust.
3. Press the [+] or [-] buttons to increase or decrease the volume. While you are adjusting, hit the corresponding pad and listen carefully the sound level until reaching the level you want.
4. Repeat step 2 and 3 to adjust the volume of other pad voices.

Volume level value

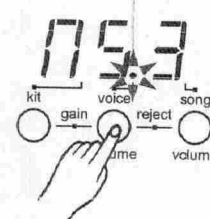


Pad indicator

Adjust the MIDI note of Pad

1. Press the [voice/volume] button to select the MIDI note setting display shows:"NXX"(XX = the value of MIDI note, 00 to 99).
The pad button indicator lights and display shows the current MIDI note of the selected pad.
2. Press the pad button or hit the pad you want to adjust.
3. Press the [+] or [-] to select the MIDI note.
4. Repeat step 2 and 3 until the pads has been adjusted

the value of MIDI note

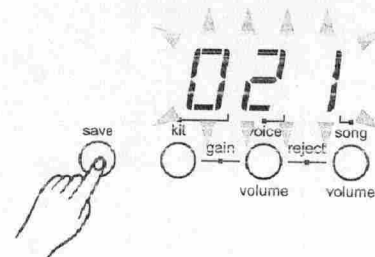


Save your drum kit voices

Once completing to your own drum kit, you have to save them in the unit; otherwise your drum kit will be erased when you turn off the unit.

1. Press [save] button.
The kit number 021 appears and flashes.
2. Press [+] or [-] buttons to set the kit number (021-030) for saving your drum kit.
3. Press [save] button again. The flashing kit number stops.

Note: To cancel the save operation, press the [voice] button.
If there is a fault, the display will show "Err".

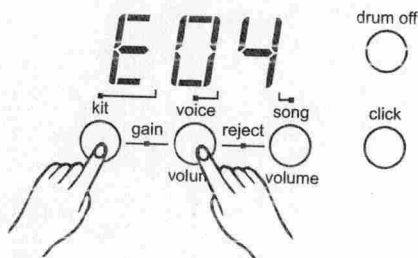


Setting

Adjust the pad Sensitivity

You can adjust the sensitivity(gain) of the inputs from pads.

1. Hold down [kit] and press [voice / volume] buttons.
Display shows: "EXX", the pad sensitivity value is indicated.
(XX=gain level value, 00 to 15.)
2. Press [pad] button or hit the pad you want to set.
The pad indicator light .
3. Press [+]/or[-] buttons to adjust the Sensitivity of pads.
Range : 00-15
Large values will produce a high sensitivity even if the pad is hit softly.
Lower values will producing a low sensitivity even if the pad is hit forcefully.
4. Repeat step 2 and 3 to set the Sensitivity value for another pad or bass drum.



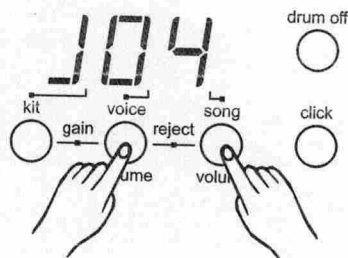
Note:

1. After adjusting the sensitivity value, you can save them into built-in memory. In the sensitivity mode, the sevstivity value is displayed, press [save] button and then return to previous display.
2. The drum remains untouched for 10 seconds, the LED will return to previous display.
3. If turn off the power without save, you will lose the changes you have just made.

Set the rejection for each pad

Prevents crosstalk caused by pads or drums connected to other inputs. Events triggered by other pads that are of a lower input value than what is set here will not be delivered for a set lenght of time.

1. Hold down [voice / volume] and press [song / volume] buttons.
Display shows: "JXX", the rejection value is indicated.
(XX=rejection level value, 00 to 15.)
2. Press [pad] button or hit the pad you want to set.
The pad indicator light .
3. Press [+] or [-] buttons to adjust the rejection of pads.
Range : 00(no rejection)-15
4. Repeat step 2 and 3 to set the rejection value for another pad or bass drum.



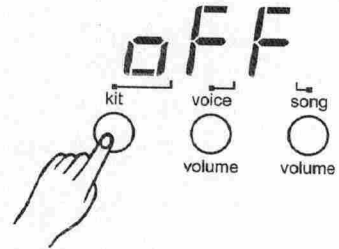
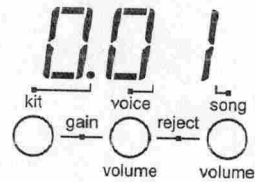
Note:

1. After adjusting the rejection value, you can save them into built-in memory. In the rejection mode, the rejection value is displayed, press [save] button and then return to previous display.
2. The drum remains untouched for 10 seconds, the LED will return to previous display.
3. If turn off the power without save, you will lose the changes you have just made.

Reverb

This function sets the reverb effect of the drum.

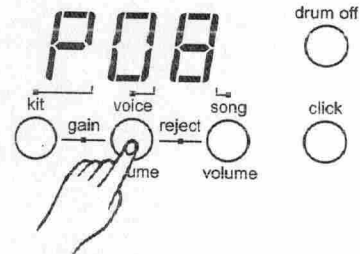
1. In "kit mode", press the [kit] button, display shows the current reverb setting.
2. Press [+] or [-] buttons to turn on or turn off the reverb.



Tuning

This function sets the pitch of each drum pad voice.

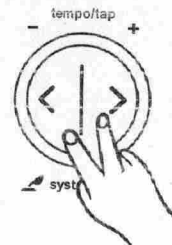
1. Press the [voice / volume] button to select the pitch setting display shows : " P XX". (XX = value, 00 to 15)
The pad button indicator lights and display shows the current pitch setting of lighting pad.
2. Press the [PAD] button or hit the percussion pad you want to adjust.
3. Press the [+] or [-] buttons to set the pitch you want.
4. Repeat step 2 and 3 to set the pitch of other pad voice.



Factory reset

This drum module will reset its to initial settings.
Beware all the data will be lost.

1. Turn the power off.
2. Turn on the power while holding the [tempo -] and [tempo +] buttons.



Specifications

Drum Pad: 4 drum pads , 3 cymbal pads , 1 hi-hat control pedal , 1 kick trigger

Voices: 215 voices

Drum kits: 20 preset kits, 10 user kits

Song: 50 preset songs

Controls: POWER SWITCH, START/STOP, SAVE, KIT, VOICE/VOLUME, SONG/VOLUME, DRUM OFF, CLICK, HI-HAT, CRASH, RIDE, HI-HAT CONTROL, SNARE, TOM1, TOM2, TOM3, KICK, VOLUME, +/-, TEMPO +/-, TAP, MIDI NOTE, AUX IN VOLUME, USB

Display: LED display

Connections: MIDI OUT
Hi-hat control
Hi-hat
Crash
Ride
Snare
Tom 1
Tom 2
Tom 3
Kick
Output (R & L/MONO)
Aux in
USB Port

Power Supply: AC adaptor (== 9V)

MIDI Implementation Chart

Function...	Transmitted	Recognized	Remarks
Basic Default	10 ch	1-16	
Channel Changed	X	X	
Mode Default	X	X	
Messages	X	X	
Altered	*****	*****	
Note Number: True voice	0 - 127 *****	0 - 127 0 - 127	
Velocity Note on	0 9nH, V= 1 - 127	0	
Note off	X (9nH, V= 0)	0	
After Key's	X	X	
Touch Channel's	X	X	
Pitch Bend	X	0	
Control 0	X	0	Bank Select
Change 1	X	0	Modulation
5	X	0	Portamento Time
6	X	0	Data Entry
7	X	0	Volume
10	X	0	Pan
11	X	0	Expression
64	X	0	Sustain Pedal
65	X	0	Portamento ON/OFF
66	X	0	Sostenuto Pedal
67	X	0	Soft Pedal
80	X	0	Reverb Program
81	X	0	Chorus Program
91	X	0	Reverb Level
93	X	0	Chorus Level
120	X	0	All Sound OFF
121	X	0	Reset All Controller
123	X	0	All Notes OFF
Program Change	X	0	
System Exclusive	X	0	GM ON : X
System : Song Position	X	X	
Common : Song Select	X	X	
: Tune	X	X	
System : Clock	X	X	
Real Time : Commands	X	X	
Aux : Local ON/OFF	X	X	
: All Notes OFF	X	0	
Messages : Active Sense	0	X	
: Reset	X	X	

0 : YES

X : NO

GM Backing Instrument List

No. Name

PIANO

- 001 Acoustic Grand Piano
- 002 Bright Acoustic Piano
- 003 Electric Grand Piano
- 004 Honky-Tonk Piano
- 005 E.Piano 1
- 006 E.Piano 2
- 007 Harpsichord
- 008 Clavi

MALLET

- 009 Celesta
- 010 Glockenspiel
- 011 Music Box
- 012 Vibraphone
- 013 Marimba
- 014 Xylophone
- 015 Tubular Bells
- 016 Dulcimer

ORGAN

- 017 Drawbar Organ
- 018 Percussive Organ
- 019 Rock Organ
- 020 Church Organ
- 021 Reed Organ
- 022 Accordion
- 023 Harmonica
- 024 Tango Accordion

GUITAR

- 025 Nylon Guitar
- 026 Steel Guitar
- 027 Jazz Guitar
- 028 Clean Guitar
- 029 Muted Guitar
- 030 Overdriven Guitar
- 031 Distortion Guitar
- 032 Guitar Harmonics

BASS

- 033 Acoustic Bass
- 034 Finger Bass
- 035 Pick Bass
- 036 Fretless Bass
- 037 Slap Bass 1
- 038 Slap Bass 2
- 039 Synth Bass 1
- 040 Synth Bass 2

STRINGS

- 041 Violin
- 042 Viola
- 043 Cello
- 044 Contrabass
- 045 Tremolo Strings
- 046 Pizzicato Strings
- 047 Orchestral Harp
- 048 Timpani

No. Name

STRINGS ENSEMBLE

- 049 Strings Ensemble 1
- 050 Strings Ensemble 2
- 051 Synth Strings 1
- 052 Synth Strings 2
- 053 Choir Aahs
- 054 Voice Oohs
- 055 Synth Voice
- 056 Orchestra Hit

BRASS

- 057 Trumpet
- 058 Trombone
- 059 Tuba
- 060 Muted Trumpet
- 061 French Horn
- 062 Brass Section
- 063 Synth Brass 1
- 064 Synth Brass 2

REED

- 065 Soprano Sax
- 066 Alto Sax
- 067 Tenor Sax
- 068 Baritone Sax
- 069 Oboe
- 070 English Horn
- 071 Bassoon
- 072 Clarinet

PIPE

- 073 Piccolo
- 074 Flute
- 075 Recorder
- 076 Pan Flute
- 077 Blown Bottle
- 078 Shakuhachi
- 079 Whistle
- 080 Ocarina

LEAD

- 081 Lead1 (square)
- 082 Lead2 (sawtooth)
- 083 Lead3 (calliope)
- 084 Lead4 (chiff)
- 085 Lead5 (charang)
- 086 Lead6 (voice)
- 087 Lead7 (fifths)
- 088 Lead8 (bass & Lead)

PAD

- 089 Pad1 (newage)
- 090 Pad2 (warm)
- 091 Pad3 (Polysynth)
- 092 Pad4 (choir)
- 093 Pad5 (bowed)
- 094 Pad6 (metallic)
- 095 Pad7 (halo)
- 096 Pad8 (sweep)

No. Name

EFFECTS

- 097 FX1 (rain)
- 098 FX2 (soundtrack)
- 099 FX3 (crystal)
- 100 FX4 (atmosphere)
- 101 FX5 (brightness)
- 102 FX6 (goblins)
- 103 FX7 (echoes)
- 104 FX8 (sci-fi)

ETHNIC

- 105 Sitar
- 106 Banjo
- 107 Shamisen
- 108 Koto
- 109 Kalimba
- 110 Bagpipe
- 111 Fiddle
- 112 Shanai

PERCUSSIVE

- 113 Tinkle Bell
- 114 Agogo
- 115 Steel Drums
- 116 Wood Block
- 117 Taiko Drum
- 118 Melodic Tom
- 119 Synth Drum
- 120 Reverse Cymbal

SOUND EFFECTS

- 121 Guitar Fret Noise
- 122 Breath Noise
- 123 Seashore
- 124 Bird Tweet
- 125 Telephone Ring
- 126 Helicopter
- 127 Applause
- 128 Gunshot

No. Name

Voice List

Acoustic Base Drum

- 001 BD Head
- 002 Real BD 1
- 003 Real BD 2
- 004 Real BD 6
- 005 BD Std 1
- 006 BD Std 2
- 007 Room BD 1
- 008 Room BD 2
- 009 Lo BD
- 010 Rock BD 1
- 011 Rock BD 3
- 012 Rock BD 4
- 013 BD-Var 3
- 014 BD-Var 5
- 015 Big Drum 1
- 016 Big Drum 2

Electronic Base Drum

- 017 BD-Analg
- 018 MrDance 1
- 019 MrDance 2
- 020 MrDance 5
- 021 Lo-BD 1
- 022 Lo-BD 2
- 023 Hard BD 3

Acoustic Snare Drum

- 024 SD-Std 1
- 025 SD-Std 2
- 026 SD-Std 3
- 027 SD-Std 4
- 028 SD-Std 5
- 029 SD-R 1
- 030 SD-R 2
- 031 SD-R 5
- 032 Snare 1
- 033 Snare 2
- 034 Snare 4
- 035 Snare 5
- 036 Snare 6
- 037 SD-Std 21
- 038 SD-Std 22
- 039 SD-Std 23
- 040 SD-Std 24
- 041 SD-Std 25
- 042 SD-Std 26
- 043 SD-Std 27
- 044 SD-Std 28
- 045 SD-Std 29
- 046 SnareDr 1
- 047 SnareDr 5
- 048 SnareDr 6
- 049 SnareDr 7
- 050 SnareDr 8
- 051 SidStik 1
- 052 SidStik 2
- 053 SnarTimb
- 054 Brush 1
- 055 Brush 2
- 056 Brush 3
- 057 Brush 5
- 058 Brush 7
- 059 Brush 8
- 060 Brush 10
- 061 Brush 13
- 062 RowDrum 1
- 063 RowDrum 2
- 064 RowDrum 3

Electronic Snare Drum

- 065 SD-Ana 2
- 066 SD-Ana 6
- 067 SD-Ana 7
- 068 SD-Ana 11
- 069 SD-Danc 5

No. Name

- 070 SD-Danc 6
- 071 SD-Elec
- 072 Syn-SD 1
- 073 Syn-SD 7
- 074 Syn-SD 8
- 075 Syn-SD 11
- 076 Cool-SD 1
- 077 HD-SD 1

Acoustic Tom

- 078 Tom-Std 5
- 079 Tom-Std 3
- 080 Tom-Std 2
- 081 Tom-Std 1
- 082 Tom-Jaz M
- 083 Tom-Rm 2 F
- 084 Tom-Jaz F
- 085 Tom-Rm 2 L
- 086 Tom-Brs H
- 087 Tom-Brs M
- 088 Tom-Brs L
- 089 Tom-Brs F
- 090 Tom-BRK H
- 091 Tom-BRK M
- 092 Tom-BRK L
- 093 Tom-BRK F
- 094 Tom-Rom 6
- 095 Tom-Rom 5
- 096 Tom-Rom 4
- 097 Tom-Rom 3
- 098 Tom-Rom 2
- 099 Tom-Rom 1

Electronic Tom

- 100 TomH-A
- 101 Tom-A 5
- 102 Tom-A 4
- 103 Tom-A 3
- 104 Tom-A 2
- 105 Tom-A 1
- 106 Tom-T 1 M
- 107 Tom-T 3 L
- 108 Tom-T 3 F
- 109 Tom-EI 4
- 110 Tom-EI 3
- 111 Tom-EI 2
- 112 Tom-EI 1

Acoustic Tom

- 078 Tom-Std 5
- 079 Tom-Std 3
- 080 Tom-Std 2
- 081 Tom-Std 1
- 082 Tom-Jaz M
- 083 Tom-Rm 2 F
- 084 Tom-Jaz F
- 085 Tom-Rm 2 L
- 086 Tom-Brs H
- 087 Tom-Brs M
- 088 Tom-Brs L
- 089 Tom-Brs F
- 090 Tom-BRK H
- 091 Tom-BRK M
- 092 Tom-BRK L
- 093 Tom-BRK F
- 094 Tom-Rom 6
- 095 Tom-Rom 5
- 096 Tom-Rom 4
- 097 Tom-Rom 3
- 098 Tom-Rom 2
- 099 Tom-Rom 1

Electronic Tom

- 100 TomH-A
- 101 Tom-A 5
- 102 Tom-A 4
- 103 Tom-A 3
- 104 Tom-A 2

No. Name

- 105 Tom-A 1
- 106 Tom-T 1 M
- 107 Tom-T 3 L
- 108 Tom-T 3 F
- 109 Tom-EI 4
- 110 Tom-EI 3
- 111 Tom-EI 2
- 112 Tom-EI 1

Cymbal

- 113 CrashStd
- 114 CrashBrt
- 115 CrashSt 2
- 116 SttCrash
- 117 CrashSt 3
- 118 CrashSht
- 119 CrshThin
- 120 Elcrash
- 121 CrashRol
- 122 CrashSt 4
- 123 RideBel 1
- 124 RK Ride 2
- 125 RideBStd
- 126 Splash C 1
- 127 Cymbel 2
- 128 Cymbel 3
- 129 BigGong 1
- 130 BigGong 2
- 131 B.Cymbel 1
- 132 B.Cymbel 2
- 133 S.Cymbel 2
- 134 S.Cymb 2 M
- 135 SmalGong

Hi-Hat

- 136 H.H Cls 1
- 137 H.H Cls 3
- 138 H.H Cls 4
- 139 H.H Opn 1
- 140 H.HCNor 1
- 141 RK HHcls
- 142 H.H Opn 3
- 143 Open HH 2
- 144 Open HH 3
- 145 Open HH 4
- 146 RK HHOpn
- 147 Open HH 7
- 148 HH pedl 1
- 149 HH pedl 2
- 150 Ana HH 1

Percussion

- 151 Agogo-1
- 152 Agogo-2
- 153 Bell Tre
- 154 Bongo Hi
- 155 Bongo Lo
- 156 Cabasa 1
- 157 Cabasa 2
- 158 Castanet
- 159 ClapA
- 160 Clavis 1
- 161 Clavis 2
- 162 Conga-Hi
- 163 Conga-M 1
- 164 Conga-M 2
- 165 Conga-3
- 166 Conga-4
- 167 Conga-5
- 168 CowBell 1
- 169 CowBell 2
- 170 Cuica H
- 171 Cuica L
- 172 Fsnap
- 173 Guiro 1
- 174 Guiro 2
- 175 HIQ
- 176 JingBell

No. Name

- 177 Maracas 1
- 178 Maracas 2
- 179 MetroBel
- 180 MetroClk
- 181 Scrach
- 182 Shake
- 183 Surdo 1
- 184 Surdo 2
- 185 Tabla 1
- 186 Tabla 2
- 187 Tabla 3
- 188 Tabla 4
- 189 TalkD
- 190 TalknDrD
- 191 TalknDrU
- 192 TalknDrV
- 193 Tambouri
- 194 TimpleH
- 195 TimpleL
- 196 TimplePH
- 197 TimplePL
- 198 Triangle
- 199 TriagMut
- 200 VibrSlap
- 201 Whistal
- 202 XfadeTri
- 203 Smallwod
- 204 BoardDr 1
- 205 BoardDr 2
- 206 LotusBrd
- 207 BanbuBrd
- 208 SouthBan
- 209 B.WdFish
- 210 S.WdFis 1
- 211 S.WdFis 2
- 212 S.WdFis 3
- 213 S.WdFis 4
- 214 ImpacBel
- 215 ImpaBel M

Drum Kit List

- 001 Standard 1
- 002 Standard 2
- 003 Room 1
- 004 Room Stick
- 005 Rhythm & Blues
- 006 Jazz
- 007 Jazz Latin
- 008 Brush
- 009 Brush 2
- 010 Latin 1
- 011 Latin 2
- 012 Percussion 1
- 013 Percussion 2
- 014 Dance 1
- 015 Dance Stick
- 016 Orchestra
- 017 Jungle
- 018 Electric
- 019 China Luogu
- 020 Oriental
- 021 User 1 (Electronic 5)
- 022 User 2(Percussion 1)
- 023 User 3 (Standard 1)
- 024 User 4 (Standard 2)
- 025 User 5 (Dance 1)
- 026 User 6 (Jazz latin)
- 027 User 7 (Room 1)
- 028 User 8 (Electric)
- 029 User 9 (Brush)
- 030 User 10 (Room stick)

No. Name

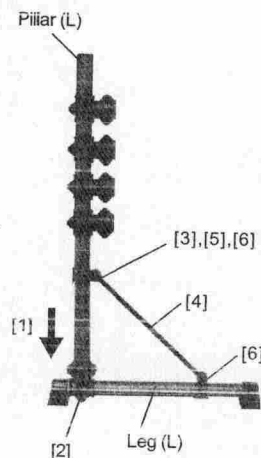
Song List

- 001 Guitar Funk
- 002 Fusion 1
- 003 Folk Pop
- 004 Rock 1
- 005 Blues
- 006 Newage
- 007 Organ Funk
- 008 Drum & Bass
- 009 Pop 8 Beat
- 010 Dance
- 011 Slow Rock 1
- 012 Pop 1
- 013 Rock Pop 1
- 014 Jazz Ballad 1
- 015 6/8 R & B
- 016 Pop 2
- 017 Jazz Ballad 2
- 018 Ballad 1
- 019 Ballad 2
- 020 Ballad 3
- 021 Waltz
- 022 Slow Rock 2
- 023 Rock Pop 2
- 024 Salsa
- 025 Beguin
- 026 Reggae
- 027 Shuffle
- 028 R & B 1
- 029 Rock N'Roll 1
- 030 8Beat 1
- 031 8Beat 2
- 032 16Beat
- 033 March
- 034 Bossanova
- 035 Funk 1
- 036 Fusion 2
- 037 Rock N'Roll 2
- 038 Hard Rock
- 039 Rock Pop 3
- 040 Funk 2
- 041 Funk 3
- 042 Jazz
- 043 Disco
- 044 House
- 045 Mambo
- 046 R & B 2
- 047 R & B 3
- 048 Pop Dance
- 049 Jing Opera
- 050 Chinese Rhythm

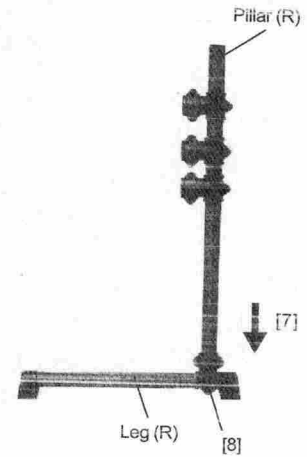
Assembly

i Setting up the frame of the digital drum set

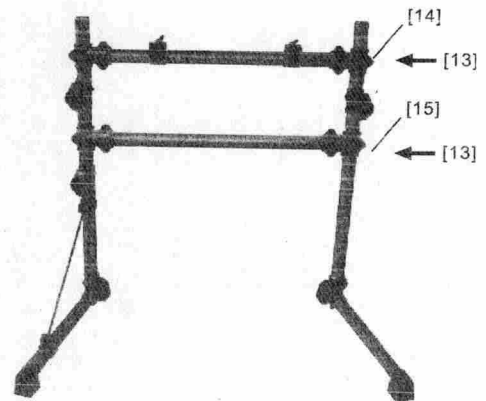
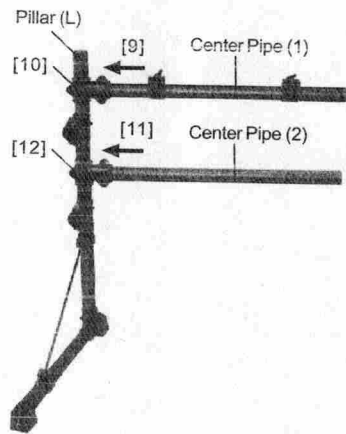
- [1] Attach the Pillar (L) to the clamp on the Leg (L).
- [2] Using the drum key, tighten the screws on the clamp.
- [3] Remove the screw attached to the connector.
- [4] Attach the cross pipe to the connector.
- [5] Reattach the screw into the connector.
- [6] Tighten the screw on the connector.
- [7] Attach the Pillar (R) to the clamp on the Leg (R).
- [8] Tighten the screws on the clamp.
- [9] Attach Center Pipe (1) to the clamp on the Leg (L).
- [10] Tighten the screws on the clamp.
- [11] Attach Center Pipe (2) to the clamp on the Leg (L).
- [12] Tighten the screws on the clamp.
- [13] Attach the Right Leg Assembly to the Center Pipe (1) and Center Pipe (2).
- [14] Tighten the screws on the clamp.
- [15] Tighten the screws on the clamp.



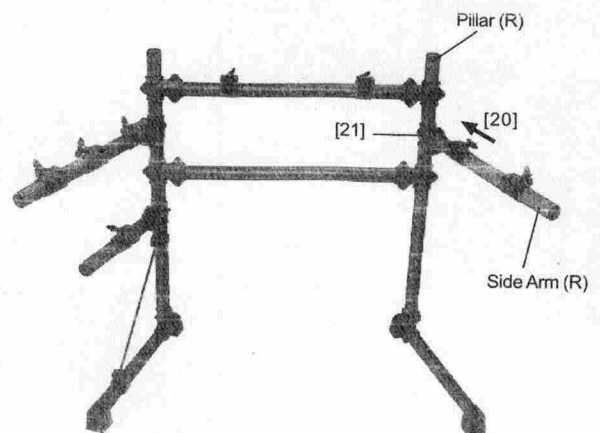
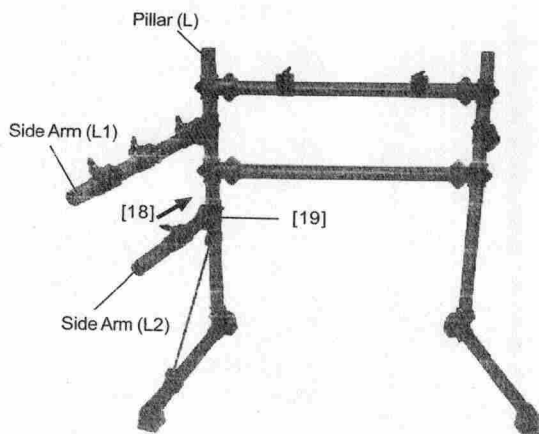
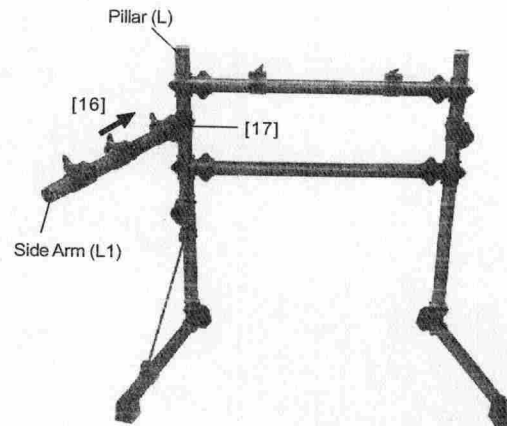
Left Leg Assembly



Right Leg Assembly

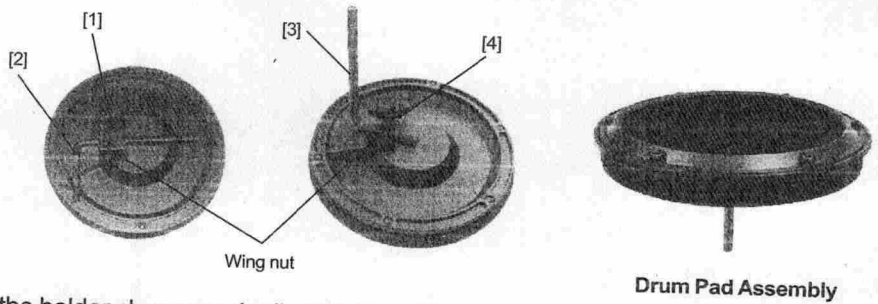


- [16] Attach the Side Arm (L1) to the clamp on the Pillar (L).
- [17] Tighten the screws on the clamp.
- [18] Attach the Side Arm (L2) to the clamp on the Pillar (L).
- [19] Tighten the screws on the clamp.
- [20] Attach the Side Arm (R) to the clamp on the Pillar (R).
- [21] Tighten the screws on the clamp.

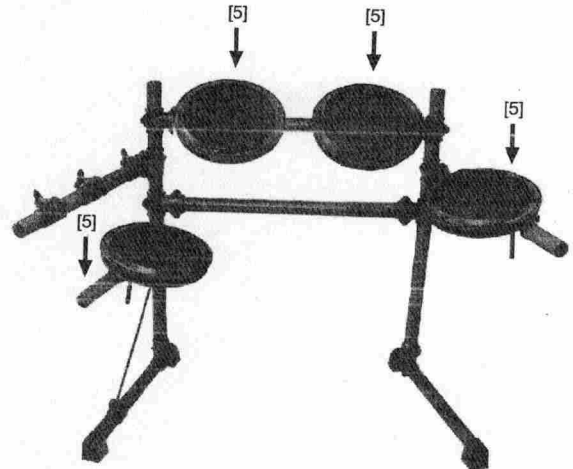
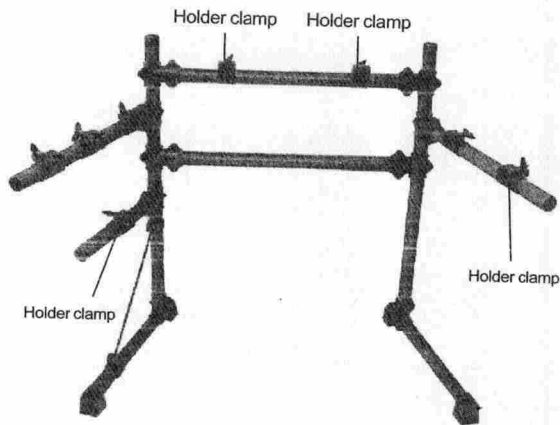


2 Attaching the drum pads

- [1] Loosen the wing nuts on the drum pads.
- [2] Remove the Metal Rods.
- [3] Reattach the Metal Rods to the drum pads.
- [4] Tighten the wing nuts securely.

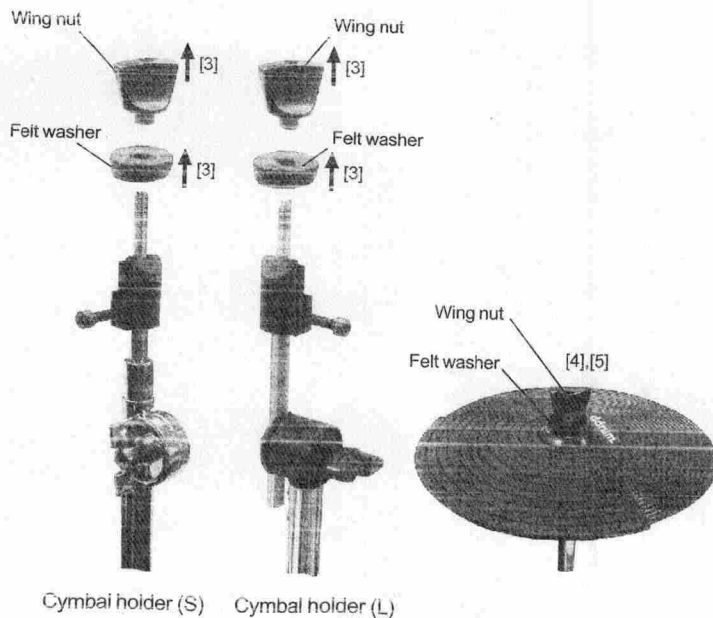
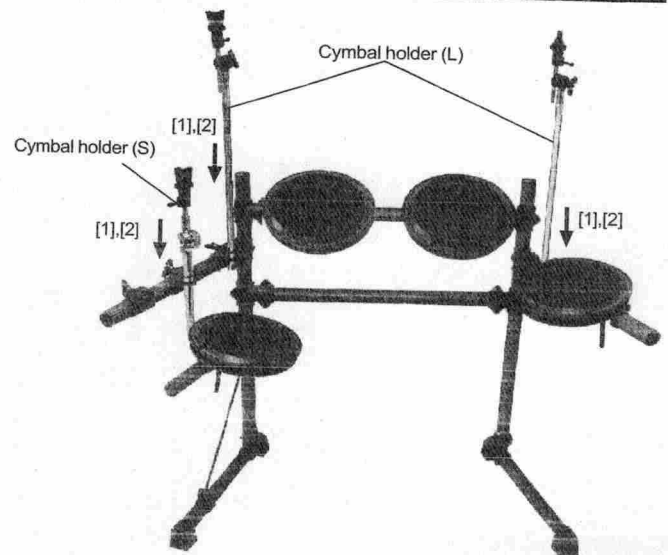


- [5] Attach the drum pads assemblies to the holder clamps and adjust their position, then tighten the wing nuts on the Holder clamps.



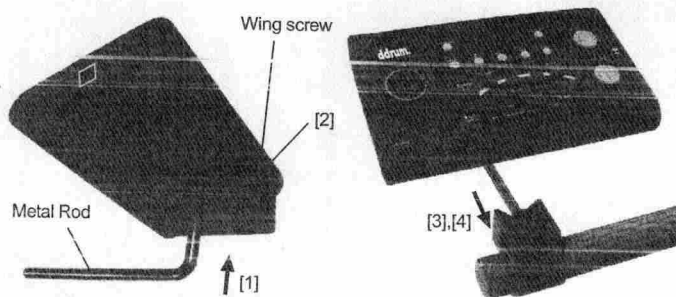
3 Attaching the cymbal pads

- [1] Attach the Cymbal holders to the Holder clamps on the Side Arms.
- [2] Tighten the wing nuts on the Holder clamps.
- [3] Remove the wing nut and the felt washer of each Cymbal holders.
- [4] Attach the Cymbal pads to the cymbal holders.
- [5] Reattach the felt washer and wing nut, tighten the wing nut of each cymbal holders.



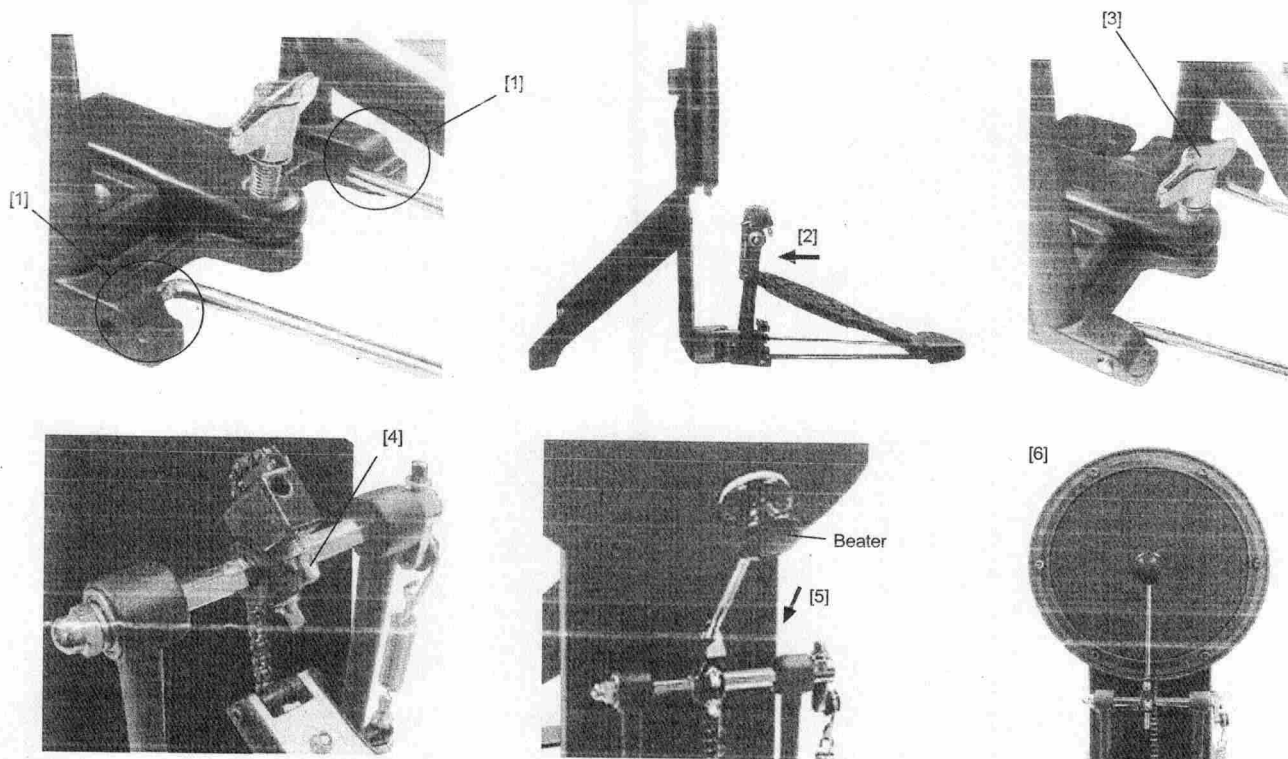
4 Attaching the Drum Module

- [1] Attach the Metal Rod to the Drum Module.
- [2] Tighten the wing screw securely on the Drum Module.
- [3] Attach the Metal Rod to the Holder clamp on the Side Arm (L1) and adjust the position.
- [4] Tighten the wind nut on the Holder clamp.

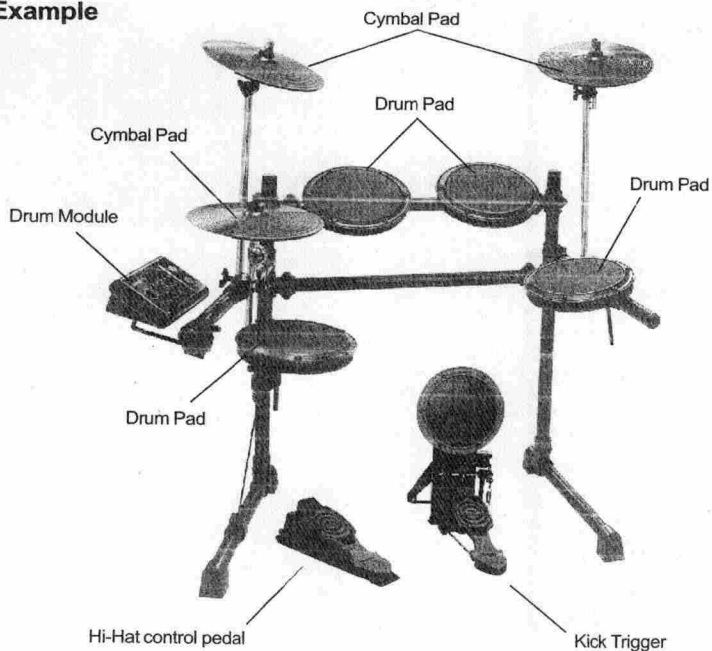


5 Attaching the Kick Trigger

- [1] Attach the Rod to the holders.
- [2] Attach the Kick Pedal to the Kick Pad.
- [3] Tighten the wing screw on the Kick Pedal.
- [4] Loosen the screw.
- [5] Attach the Beater to the Kick Pedal
- [6] Position the Beater from the center of the pedal, tighten the screw



6 Setup Example



ASSEMBLY INSTRUCTIONS

Caution!

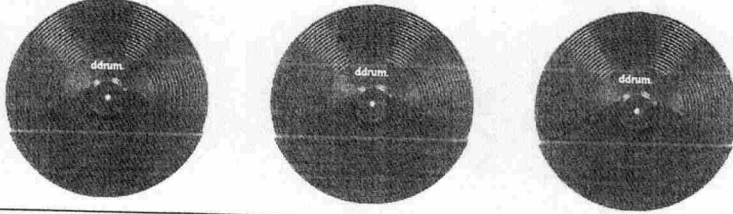
Watch your fingers when adjusting clamps. They may become pinched resulting in injury. Be careful around pipe ends, inside the pipe and screw ends. Metal shavings, etc. May injure your fingers.

Inside This Package

Before assembly, please make sure that all the items listed below are present.

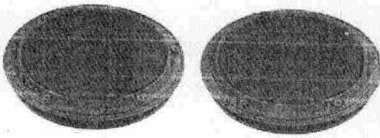
[CYMBAL 3PCS] box

Cymbal Pad x 3



[DRUM PADS] box

Drum Pad x 2

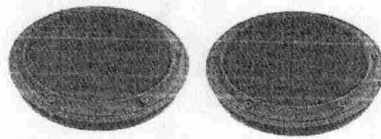


Metal Rod x 2



[DRUM PADS] box

Drum Pad x 2

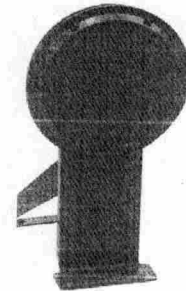


Metal Rod x 2



[BASS DRUM PEDAL] box

Kick Pad



Foot Pedal & Beater



[ACCESSORIES] box

Cymbal holder (S)



Drumstick x 2



Hexagon Key (5mm)



Drum Key



Metal Rod



Connecting Cable x 9



Instruction Manual

Assembly Instructions

AC Adaptor

[HI-HAT PEDAL] box



[DRUM MODULE] box



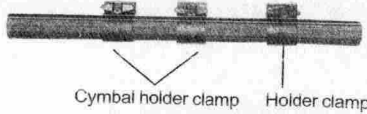
Cymbal holder (L)



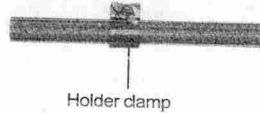
Cymbal holder (L)



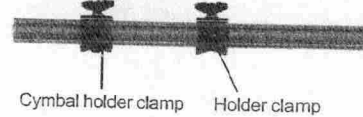
Side Arm (L1)



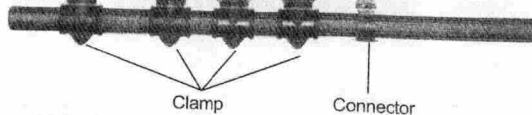
Side Arm (L2)



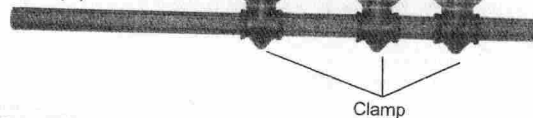
Side Arm (R)



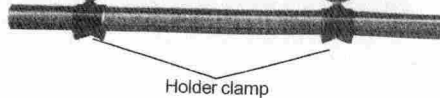
Pillar (L)



Pillar (R)



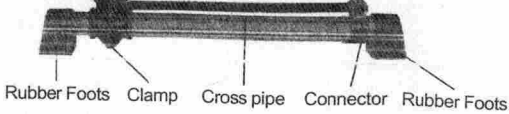
Center Pipe (1)



Center Pipe (2)



Leg (L)



Leg (R)

