

Thank you for purchasing Aroma TDX-N1 Electronic Drum. Please follow **TDX-N1 SETUP GUIDE** to complete assembling, and then read below manual.

Product Features

Patent Internal Wiring Design

This product features a unique internal wiring design, which not only makes assembly easy and convenient (the drum set can be assembled in just five steps), but also keeps the wiring neat, organized, and aesthetically pleasing. Additionally, it incorporates our independently developed patent design.

Enjoy The Fun Of Solo Playing

When the TDX-N1 electronic drum is connected to a dedicated electronic drum speaker (ADX-20, 30, 40, sold separately), it can faithfully reproduce the dynamic range of acoustic drum sounds, adjusting volume levels suitable for various occasions. You can also use headphones to listen to your own playing, ensuring that you won't disturb others.

Rich Features

The electronic drum comes with a variety of features: up to 16 drum kits, with a fully upgraded sound source quality. You can independently adjust the parameters of the drum pads and cymbals, customize drum kit settings, and it also includes a metronome and Bluetooth functionality.

Classic Drum Pad Design

The drum pads have been newly upgraded, with the toms and snare drums using a new mesh head, providing better strike feedback and reducing physical noise, giving you a better playing experience.

Built-in Metronome

The TDX-N1 electronic drum features a built-in metronome, with adjustable tempo, beat, and volume, all of which can be independently set.

Large Display System

The TDX-N1 uses a TFT color screen with a large, high-definition display. It supports both Chinese and English language options.

Drum Kit Introduction

Crash Cymbal (CR)

Size: 9", made from high-quality silicone and plastic, with mute control function.

Ride Cymbal (RD)

Size: 9", made from high-quality silicone and plastic, with mute control function.

Hi-Hat (HH)

Size: 9", made from high-quality silicone and plastic.

Tom (Tom1, Tom2, Tom3)

Size: 6", third-generation mesh head design for better strike feedback.

Snare Drum (SD)

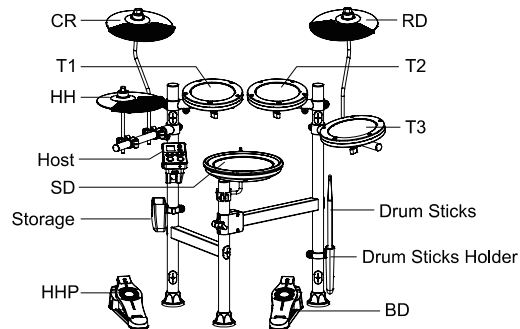
Size: 8", third-generation mesh head design for better strike feedback and double triggers, two sounds of Side Stick and Head Shot. Feel close to acoustic drum head and much quieter.

Bass Drum Pedal (BDP)

Made of aluminium alloy, with FPC carbon-resistance sensor design. Different pedal speeds produce varying levels of sound intensity.

Hi-Hat Pedal (HHP)

Made of aluminium alloy, with FPC carbon-resistance sensor design. It works in conjunction with the hi-hat cymbal to produce different tonal effects.



Drums Introduction diagram 1

Reminder: The above abbreviations are labeled in English near each drum pad's audio socket and also serve as reference marks for connecting the drum pads to the DB15 audio cables. (Each DB15 audio cable also has the same English character labels on the USB plug ends.)

Basic Play Method

This is a brief introduction on how to play the drum kit.

Play with Hi-Hat and Hi-Hat Pedal

Stamp down Hi-Hat pedal, hit Hi-Hat, make short sounds 'tzi tzi ...', refer to Diagram 2.

Release Hi-Hat pedal, hit Hi-Hat, make long sound 'tza...', refer to Diagram 3.

Play with Hi-Hat pedal alone, to make different strong or weak sound of 'tza, tza...' based on the speed and the strength of your each stamp on the Hi-Hat pedal.

Play with Crash Cymbal

Edge Shot (Diagram 5) to make crash cymbal sound. To mute crash cymbal, using fingers to pinch and hold the cymbal edge. A same mute function also works on Ride cymbal (Diagram 6) .

Play with Ride Cymbal

Slightly hit the cymbal to make Bow shot sound (Diagram 4), hit the edge to make Edge shot sound (Diagram 5) .

Play with Bass Drum Pedal

Make different bass drum sounds based on the speed and the strength of your each stamp on the bass drum pedal.

Play with Snare Drum

The snare drum has different sound base on the stick strength and position (Diagram 7), cross stick sound (Diagram 8)



Diagram 2



Diagram 3



Diagram 4



Diagram 5

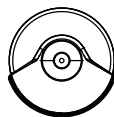


Diagram 6

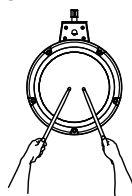


Diagram 7



Diagram 8

Drum Module Introduction

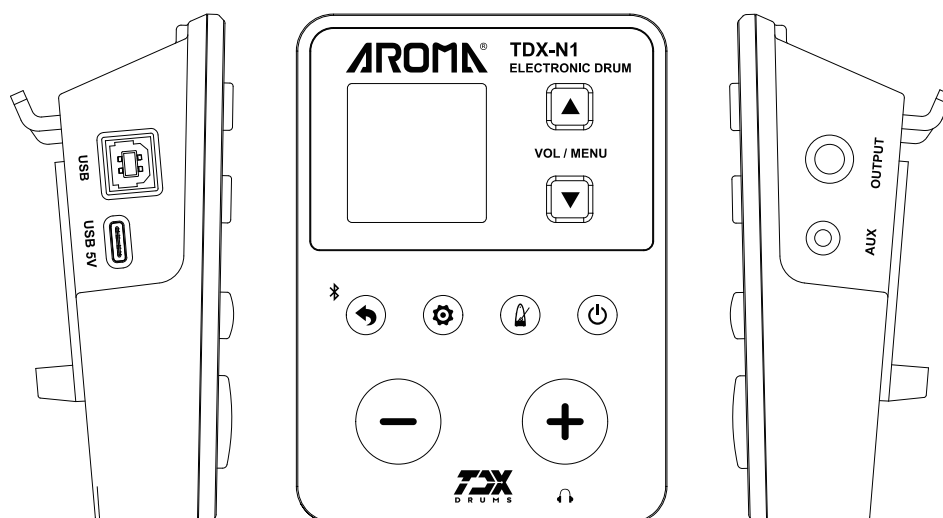


Diagram 9

Controls

	Short press to power on / Long press to power off (if you need the device to shut down automatically, follow the instructions on the next page to set "AUTO OFF" to "30MIN" or "1HOUR").
	Press the " - + " button to select the desired drum kit sound (Note: The function of this button may vary depending on the mode, see the next page for button function details).
	Enter the settings menu and confirm the selection of various functions (Note: All changes will be automatically saved).
	Turn the metronome mode on/off.
	Return button / Bluetooth button: press to return to the main screen, press and hold to turn Bluetooth on/off.
	Adjust the overall volume / settings selection button.

Connections

	3.5mm headphone jack
OUTPUT	6.35mm audio output for connecting external speakers
AUX	3.5mm external audio input
USB	USB MIDI input/output interface (see page 12 for description)
USB 5V	TYPE-C 5V power supply connection

How To Use

1.Power And Audio Cable Connection

Use the included audio cable to connect the main unit's OUTPUT port to the signal input port of the drum monitor speaker. Then, connect the Type-C power cable to the power interface.

Reminder: For the USB power adapter, please make sure to use a safe power plug that complies with local regulations (it is recommended to choose one with the "CQC" or other certification marks) or a mobile power source (such as a power bank). The power specification is 5V 1A.

2.Turn On/Off Host Machine

Press the  button to turn on the device, and press and hold for more than 2 seconds to turn it off.

3.Turn On Drum Amp(in using a drum amp)

Adjust the volume of the drum monitor speaker to the minimum position, then turn on the speaker. While playing the drum kit, you can adjust the volume knobs on the main unit and speaker to the appropriate position.

4.Select Drum Kit

The default drum kit when powered on is "Pop Kit 1". Press   to select other drum kits, refers to Diagram 10.

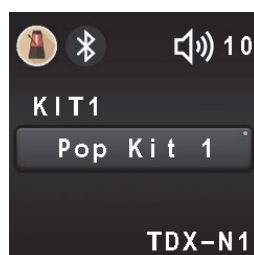


Diagram 10

Drum kits:

1 Pop Kit 1	5 Metal Kit 2	9 Jazz Kit	13 FusionJazz Kit
2 Pop Kit 2	6 Studio Kit 1	10 Funk Kit	14 Rock Kit
3 Pop Live Kit	7 Studio Kit 2	11 JazzFunk Kit	15 Percussion
4 Metal Kit 1	8 Studio Kit 3	12 Fusion Kit	16 Electric

5. Song Select

Entering Song Selection Mode

After powering on, press and hold the  button to enter song selection mode.

Selecting Song Music

Press the   buttons to choose a song, and press the  button to switch tracks.

Press the  button again to start playing the song (Diagram 11).

Adjusting Song Speed

Press the   buttons to select "BPM", and parameter will start blinking. Press the  button to adjust the parameter (Diagram 12).

Adjusting Parameter

Press the   buttons to select the item you want to adjust. The current parameter will blink, and you can press the  button to adjust the parameter (Diagram 13).

Bass Volume: 0~100 Drum Kit Volume: 0~100

Accompaniment Volume: 0~100 Overall Volume: 0~10

Exiting Song Mode

Press the  button briefly to exit song mode.

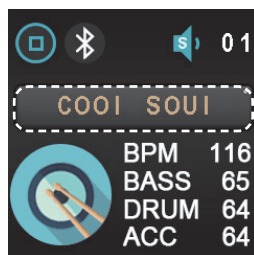


Diagram 11

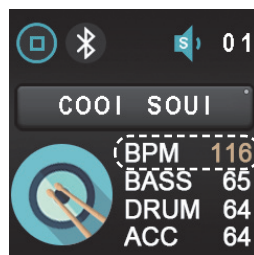


Diagram 12

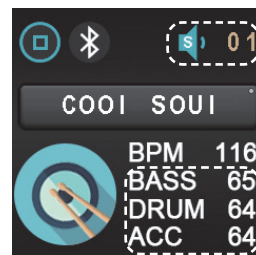


Diagram 13

Song List:

COOL SOUL	TECHNO	DIXIE	WALTZ	EASY ROCK
ROCK BEAT	BALLADE BEAT	SALSA	BREAK BEAT	SHUFFLE
HARD ROCK	SLOW POP	HIP HOP	SOUL	MAMBO
POLKA	FAST FUNK	POP SWING	FUNK SHUFFLE	POP DISCO

6. Drum Kit Editing

Step 1: Press the  to enter the settings menu, find the "KIT EDIT" option, and press the  to proceed (Diagram 14).

Step 2: Use the   to select the item you want to modify and press the  to confirm. The value for the selected drum pad/cymbal will blink, indicating that it is in editing mode (Diagram 15).

Step 3: When you strike a drum pad/cymbal, the main unit will automatically jump to the parameter settings for that drum pad/cymbal. Press the  to adjust the parameters. Once the adjustments are complete, press the Return button to save

automatically (Diagram 16).

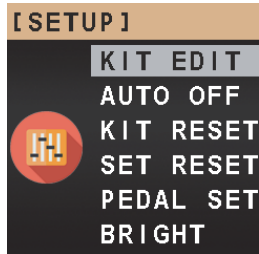


Diagram14



Diagram 15



Diagram 16

7. Restoring Drum Kit Settings

Press the ⚙ button, use the ▼▲ buttons to select "KIT RESET", and press the ⚙ button to confirm. Press the ➡ button to select "YES" and press the ⚙ button to confirm the restoration. The unit will return to the previous menu automatically, Diagram 17-18.

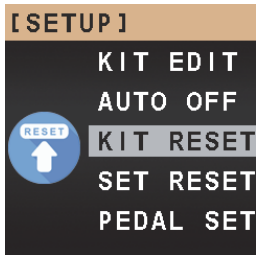


Diagram17



Diagram18

8. Automatic Power Off Settings

Press the ⚙ button, use the ▼▲ buttons to select "AUTO OFF", and press the button to confirm. Press the ➡ button to select the standby duration. Press the ⏪ or ⚙ to return to the previous menu, Diagram 19-20.

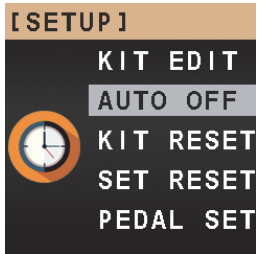


Diagram 19



Diagram 20

9. Factory Reset

Press the ⚙️ button to enter the settings menu, use the ▲ ▼ buttons to select "SET RESET" and press the ⚙️ button to confirm. Press the - + button to select "YES", then press the ⚙️ button to confirm. Wait for the screen to automatically switch to complete the reset, Diagram 21-23.

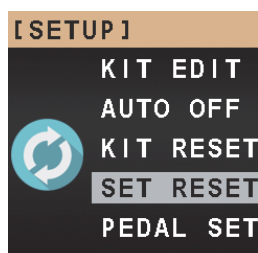


Diagram 21

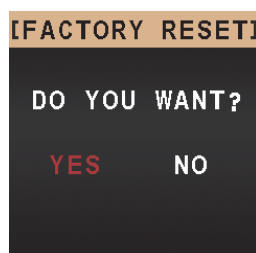


Diagram 22

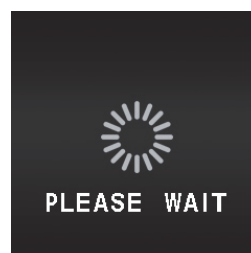


Diagram 23

10. Screen Brightness Settings

Press the ⚙️ to enter the settings menu, use the ▲ ▼ to select "BRIGHT" and press the ⚙️ to confirm. Press the - + to adjust the brightness. Press the ⬅️ or ⚙️ to return to the previous menu, Diagram 24-25.

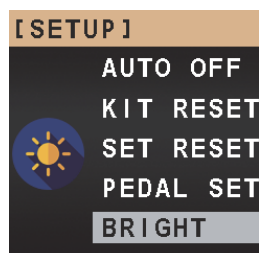


Diagram 24



Diagram 25

11. Language Settings

Press the ⚙️ to enter the settings menu, use the ▲ ▼ buttons to select "LANGUAGE" and press the ⚙️ to confirm. Press the - + to select the language. Press the ⬅️ or ⚙️ to return to the previous menu, Diagram 26-27.



Diagram 26



Diagram 27

Metronome Function

After powering on, press the  key to enter the metronome. The metronome will start automatically. Press the   keys to select the parameter you want to adjust, and you will see the current parameter flashing. Press the   key to set the parameter (Diagram 28). Press the  key to exit the metronome.

Adjustable parameters range:

Speed: 40~240 Beat: 1-8 Rhythm:  Volume: 0~10

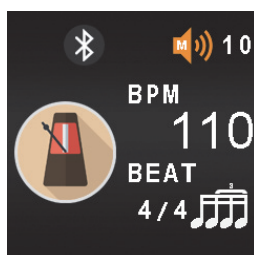


Diagram 28

Pedal Calibration

The product may be affected by the environment and temperature, which may cause changes in the sensitivity of the pedal's resistive sensing element. If this happens, the pedal needs to be calibrated. The calibration steps are as follows:

Press the  key to enter the settings menu, then press the   keys to find "PEDAL SET" (Diagram 29), and press the  key again to enter.

Adjust the "HHF OUTWORD" and "KICK". Press the  key to switch between the two parameters and adjust the parameter values by pressing the   key (Diagram 30-31).

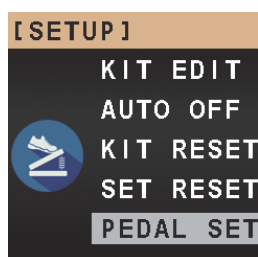


Diagram 29

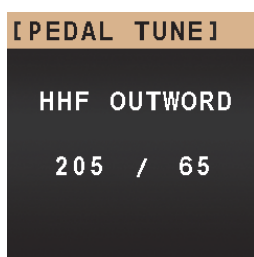


Diagram 30

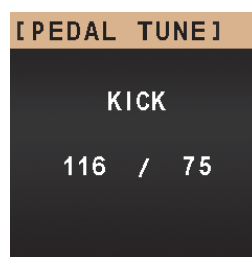


Diagram 31

Bluetooth Function

To connect to Bluetooth on a mobile phone, first long press the  key. The  icon on the screen will light up, indicating that Bluetooth has been activated. On the phone, enable Bluetooth, and it will automatically search for Bluetooth devices. Once "TDX-N1" is found, it indicates that the device has been detected. Click to connect. After a successful connection, the product will emit a "di" sound.

Reminder:

1. The bluetooth volume level is preset according to Android system. Please turn the volume down accordingly if you use a IOS system phone.
2. If you need to change the bluetooth connection to another phone, please disconnect the previous connection.

Menu list

Sens	Sensitivity adjustment. The value corresponds to the minimum signal triggered by the pad or cymbal you strike. The smaller the value, the higher the sensitivity.
Velo	The force curve, which can be modified to your proper strike force and your habit. 0: LINER, 1: EXP1, 2: EXP2, 3: EXP3, 4: LOG1, 5: LOG2, 6: LOUD1, 7: LOUD2
Rev	Pad or cymbal reverb effect level. The bigger the value, the greater the reverb level.
Pan	Sound image, to adjust sound positions.
Level	Pad or cymbal volume level
Voice	Pad or cymbal sound, to select a different sound for a certain pad or cymbal.
Note	Midi mapping value. Default setting to general Midi mapping (Japan MIDI Standards Committee)
Mask	To prevent double triggers. When playing the bass drum, the hammer will rebound and hit the drum again (make a 2nd sound). Setting a certain value of mask time will prevent this situation happening. If the value is big, it is hard to play fast. Adjust the value as small as possible.
Pitch	With higher value, the pitch of drum pad/cymbal will be higher.

USB MIDI

Connect to your synthesizer or personal computer to play your MIDI music. MIDI (musical instrument digital interface) format list.

MIDI:

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

Reminder: Product information is subject to change without prior notice.

Specifications

Drum Kit Contents	Crash cymbal, hi-hat, ride cymbal, tom drum * 3, sanre drum, hi-hat pedal , Bass drum pedal	
Drum Sound Kit Quantity	16	
Song Music Files Preset	20	
Metronome	Tempo	40~240BPM
	Volume	0~10
	Beat	1~8
Control Buttons	Power Button	
	SETUP Button	
	▲ ▼ Button	
	— + Button	
	Metronome Button	
	Back Button	
LCD Screen	TFT creen	
Interface	6.35mm gauge audio port	
	3.5mm earphone port	
	3.5mm aux port	
	USB B type MIDI port	
	DB15 drums signal cables	
	TYPE-C adapter port	
Power Voltage	DC5V	
Power Current	300mA	
Accessories	Assembly Direction, Operation Manual, USB TYPE-C Power Cable, Drum Sticks, 6.35mm Audio Cable, Drum Key	

Troubleshooting

Faults	Check List	Solution
No sound / insufficient volume	Is the drum set well connected to your headphone or amp?	Check the connections
	Is the volume adjusted properly?	Check the volume level
	Is the connection of audio cable correct?	Please check the connection
	Is the audio cable broken?	Try another piece of audio cable
	Is only one pad or cymbal no sound?	Please contact customer service
	Is the volume of any pad or cymbal too low or high?	Follow Pad Level steps to adjust the level
Hi-hat pedal or bass drum pedal responses badly	Is the connection correct ?	Check the connection
	Is the pedal occasionally silent ?	Follow Pedals Adjustment steps to adjust pedals sensitivity
	Are the pedals lack of or over sensitive?	
Cross talk	Is the drum kit assembled properly ?	Check all the joints and fasten the screws
	Are DB15 audio cables loose ?	Check all the connections of DB15 audio cable heads
USB connection to computer failed		Please restart the drum host machine and try again
Not to Power ON	Is the power turned On ?	Use qualified AC/DC power adapter
	Does the power button function well ?	Please contact customer service
Screen display abnormal	Is the screen dark or texts incoherent?	Please contact customer service
If you find any other faults not listed here, please contact your customer service.		

FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.



Bluetooth® 文字商标和徽标为蓝牙技术联盟的注册商标，深圳市阿诺玛乐器有限公司对此类商标的任何使用均已获得许可。其他商标和商品名称为其各自所有者所有。

Bluetooth® Word marks and logos are registered trademarks of the Bluetooth Technology Alliance, and any use of such trademarks by Aroma music co.,ltd. is licensed. Other trademarks and trade names are the property of their respective owners.

aromamusic.cn



深圳市阿诺玛乐器有限公司
Aroma Music Co.,Ltd.

follow us

 facebook.com/AromaMusicGear

 info@aromamusic.cn

Designed and engineered by AROMA MUSIC

生产商 / 惠州市阿诺玛科技有限公司

地 址 / 广东省惠州市惠阳区淡水街道古屋村阿诺玛工业园A栋

电 话 / 0752-3189101

Manufacturer / Aroma Technology Co., Limited

Add. / Block A, Aroma Park, Guwu Village, Danshui Town,
Huiyang District, Huizhou City, Guangdong Province,
China

