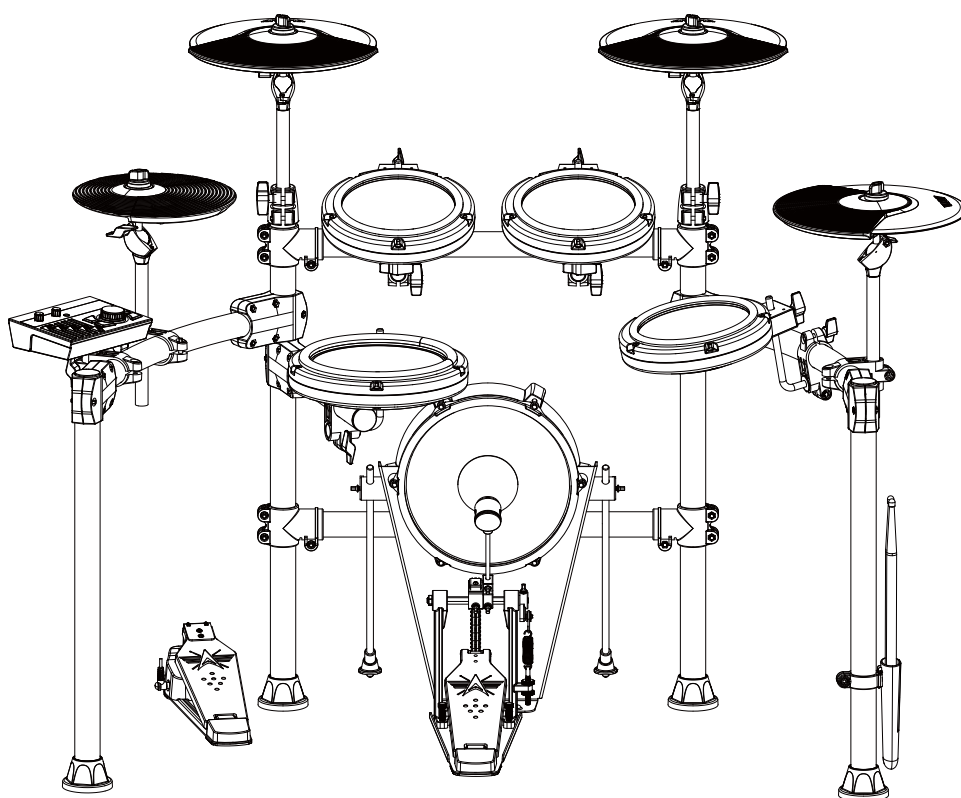


AROMA®

TDX D R U M S

TDX-25 II 电子鼓 Electronic Drum

用户手册 / USER MANUAL



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非常感谢您购买AROMA电子鼓TDX-25 II产品。使用本产品前，请您先按照《TDX-25 II 电子鼓安装指南》完成所有的安装步骤，然后再阅读本使用手册！

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产品特点

享受独自演奏的乐趣

使用TDX-25 II 电子鼓连接专用电子鼓音箱ADX-40、20（需另外购买），既能同步细腻的还原原声鼓打击的强弱而发出声音的强弱变化，又能调控音量大小，适合各种场合使用。也可使用耳机聆听功能，只有您可以听到自己的演奏，而不像原声鼓会发出很大的声音，因此使用本产品无需担心会打扰他人。

丰富的教学功能

TDX-25 II 电子鼓带有丰富多样的教学功能：43种风格迥异的伴奏音乐，并带有预备拍提醒，伴奏音量和鼓组音量独立调节、节拍器音量和鼓组音量独立调节。多达20组鼓组音色，并且音源品质全面升级。

全新的鼓盘设计

鼓盘全新升级设计，嗵鼓和军鼓采用全新网面，可以获得更好的敲击力度回馈和更小的物理噪声，使您在演奏过程中能获得更好的使用体验。

内置节拍器

TDX-25 II 电子鼓带有10种节拍音色，节拍器速度、节拍、节奏、音量均可独立调节，并伴有灯光指示。

简约的按键设计

TDX-25 II 采用简洁明了的按键设计，4种常用功能按键搭配控制旋钮，增加直观的音量推子面板，并带有LCD视窗显示，无论是初次接触电子乐，还是节奏达人，都能轻松掌握。

安装简单

TDX-25 II 电子鼓组装完成只需八大步骤，并附有彩色安装步骤视图详解，使安装变的更方便。

鼓组介绍

吊镲 (Crash Cymbal1,Crash Cymbal2)

简称: CR1、CR2, 11" 镲片, 采用优质硅胶与塑胶完美结合, 吊镲带有静音控制功能。

叮叮镲(Ride Cymbal)

简称: RD, 11" 镲片, 采用优质硅胶与塑胶完美结合, 叮叮镲带有静音控制功能。

踩镲(Hi-Hat)

简称: HH, 10" 镲片, 采用优质硅胶与塑胶完美结合。

嗵鼓(Tom1、Tom2、Tom3)

简称: T1、T2、T3, 采用第三代7"网面鼓盘(专利技术)设计, 可以获得更好的敲击力度反馈和更小的物理噪声。

军鼓(Snare Drum)

简称: SD, 采用第三代8"网面鼓盘(专利技术)设计, 可以获得更好的敲击力度反馈和更小的物理噪声, 并采用双触发设计, 带力度感应和边击功能。

底鼓(Bass Drum)

简称: BD, 10", 也称为低音鼓, 采用铝合金踏板和鼓锤的方式设计。不同的踩踏速度可发出不同强弱的声音。

踩镲踏板(Hi-Hat Pedal)

简称: HHP, 踩镲踏板, 采用铝合金踏板设计, 可与踩镲配合使用实现不同的音色表现。

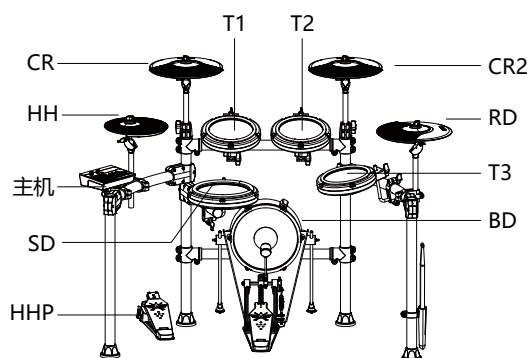


图1

温馨提示: 以上简称描述的英文字符均贴在了每个鼓盘的音频插座附近, 同时也是每个鼓盘与DB25音频线连接的参考标志。(DB25音频线每根6.35插头端也带有相同的英文字符标志)

基本演奏

演奏电子鼓时需要同时使用双手和双脚。在此我们将说明如何使用鼓棒不同敲打方式以及和踏板的配和实现各种演奏音效。

踩镲踏板和踩镲（HH）的配合演奏

当完全踩下踩镲踏板后,鼓棒敲击踩镲(HH),会发出短暂的“吡吡”声,见(图2);
当完全松开踩镲踏板后,鼓棒敲击踩镲(HH),会发出很长的“嚓....声,见(图3)
当单独使用踩镲踏板时,根据不同的踩踏速度会发出不同强弱的“嚓嚓”声音。

吊镲的演奏（CR）

用不同的敲打角度,按（图4）敲打镲面（Bow Shot）和（图5）敲打镲边（Edge Shot）会发出不同的声音效果。当需要吊镲立即静音时,手指按压该打击板的边沿,可以立即静音。同样叮叮镲也具备静音控制功能,见图黑色区域（图7）

叮叮镲的演奏(RD)

用不同的敲打角度,按（图4）敲打镲面（Bow Shot）和（图5）敲打镲边（Edge Shot）会发出不同的声音效果。敲击顶部（Bell Shot）会发出新的音效（图6）。

底鼓的演奏（BD）

按不同的踩踏力度和速度等演奏技巧,底鼓会反馈出不同的音效。

军鼓的演奏(SD)

按（图8）方法,会发出军鼓音效,不同的敲打力度会发出强弱和音色不同的军鼓音效。
按（图9）方法,会发出边击的声音（Cross Stick）。



图2



图3



图4



图5



图6

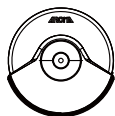


图7

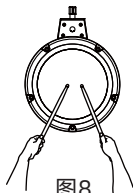


图8

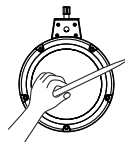


图9

主机介绍

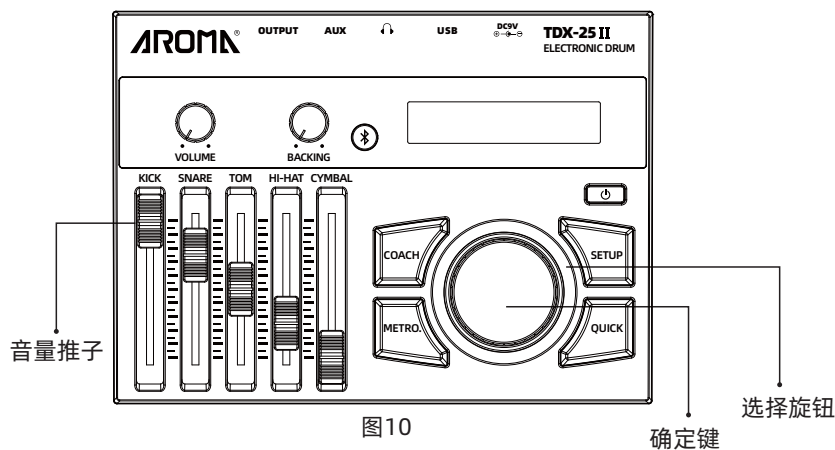


图10

⏻ 短按开启电源/长按关闭电源。（若您需要自动关闭电源，请按下一页说明将“AUTO OFF”设置为“30MIN”或“1HOUR”）

选择旋钮：可顺时针或逆时针方向旋转此旋钮选取需要的鼓组音色。（注：在不同模式下旋钮功能控制的对象会不同，详见下一页按键功能说明）

音量推子：更改各打击垫音量。KICK为底鼓；SNARE为军鼓；TOM为嗵鼓（嗵1、嗵2、嗵3）；HI-HAT为踩镲；CYMBAL为吊镲1、吊镲2、叮叮镲。

确定键：各个功能选择确认。

COACH：开启/关闭伴奏模式。

METRO.：开启/关闭节拍器模式。

SETUP：设置/返回键。（注：所有设置一经修改，将会自动保存。）

QUICK键：快速自定义，可快速进入自定义模式，选择搭配个性鼓组及调节部分参数。

VOLUME：总音量调节。

BACKING：节拍器及伴奏音量调节。

“”：开启/关闭蓝牙模式。

“OUTPUT”：6.5mm音频输出，连接外置音箱。

“AUX”：3.5mm音外接音源输入。

“”：3.5mm耳机插孔。

“USB”：USB MIDI输入/输出接口（详见第11页描述）。


“DC9V”：连接DC9V  适配器。

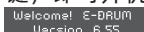
使用功能

1.电源及音频线连接

采用本机附带的音频线，连接主机OUTPUT接口和鼓监听音箱的信号输入接口。然后连接适配器至DC9V接口。

2.开启主机电源

按下“”键，即可开机，长按1秒以上即可关机。屏幕提示如下：

开机画面：（本公司保留随时更新软件版本而不提前通知用户的权利）

关机画面：

3.开启音箱电源

调整鼓监听音箱的音量至中间位置，开启音箱电源。鼓棒可一边敲击鼓组一边再次调节主机和音箱的音量旋钮至合适的位置。

4. 选择鼓组

开机默认鼓组为：Pop Stage，转动选择旋钮可选择不同鼓组，如图11。

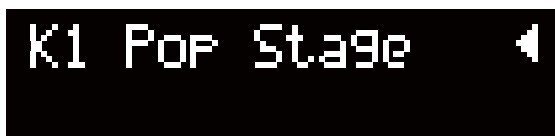
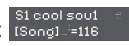


图11

可供选择的鼓组：

K1 Pop Stage	K6 Metal Live	K11 Fast Funk	K16 Latin Jazz
K2 Pop Studio	K7 Power Metal	K12 Funky Rnb	K17 Electronic
K3 Hard Rock	K8 Metal Studio	K13 J-Standards	K18 Cavort
K4 Old Rock	K9 70's Fusion	K14 Cool Jazz	K19 Techno
K5 Heavy Metal	K10 Modern	K15 Swing Jazz	K20 Dubstep

5. 伴奏音乐练习

在开机后,按下COACH键，屏幕显示，此时即进入伴奏音乐模式，倒计时结束后开始播放伴奏。转动选择旋钮选择伴奏音乐,选定后自动开始倒计时并播放伴奏。

伴奏音乐列表和按键功能控制见下表：

开启设备	按COACH键进入伴奏模式		按COACH键退出伴奏模式			
按 开机	旋钮 选择 伴奏 曲目	S1 cool soul	S23 r&b ballade	伴奏 播放	预备拍结束以后， 开始自动播放	旋转选择旋钮 调节参数
		S2 techno	S24 real soul			伴奏BASS音量
		S3 dixie	S25 reggae			伴奏鼓音量
		S4 waltz	S26 easy soul			伴奏鼓音量
		S5 easy rock	S27 pop rock			伴奏和声音量
		S6 rock beat	S28 folk	短按确定键暂停 /继续播放伴奏	短按 SETUP键	伴奏整体速度
		S7 ballade beat	S29 pop			
		S8 salsa	S30 funk			
		S9 break beat	S31 slow beat			
		S10 shuffle	S32 hard rock 2			
		S11 hard rock	S33 soft beat			
		S12 slow pop	S34 jazz dance			
		S13 hip hop	S35 standard pop			
		S14 soul	S36 acid jazz			
		S15 mambo	S37 rock folk			
		S16 polka	S38 bigband			
		S17 fast funk	S39 samba			
		S18 pop swing	S40 cha cha			
		S19 funk shuffle	S41 swing			
		S20 pop disco	S42 dancy pop			
		S21 pop ballade	S43 techno pop			
		S22 pop waltz				

6. 鼓组编辑

第一步：按“QUICK”键进入鼓组编辑，转动选择旋钮选择想要设置的项目。可供选择的设置项目有：Pitch（音高）、Level（音量）、Pan（声像）、Rev（混响）、Velo（力度曲线）、Sens（灵敏度）、Mask（防止双触发）、Note（MIDI映射）、Voice（鼓盘/镲片音色），按确定键进入所选项目设置。



图12

注：选定鼓组后，按设置键只能对当前鼓组进行设置。

鼓组编辑菜单详见下图：

QUICK SET-Pitch KICK : 63 音高：0~127	QUICK SET-Level KICK : 125 音量：0~127	QUICK SET-Pan KICK : 64 声像：0~127
QUICK SET-Rev. KICK : 64 混响：0~127	QUICK SET-Velo. KICK : 6 力度曲线：0~7	QUICK SET-Sens. KICK : 5 灵敏度：0~127
QUICK SET-Mask KICK : 35 防止双触发：0~250	QUICK SET-Note KICK : 36 MIDI映射：21~108	QUICK SET-Voice KICK : [BD] 15 鼓盘/镲片音色：1~67（底鼓）

第二步：进入某个项目设置后，敲击某个鼓盘/镲片时，将自动跳转至该鼓盘/镲片的参数设置。

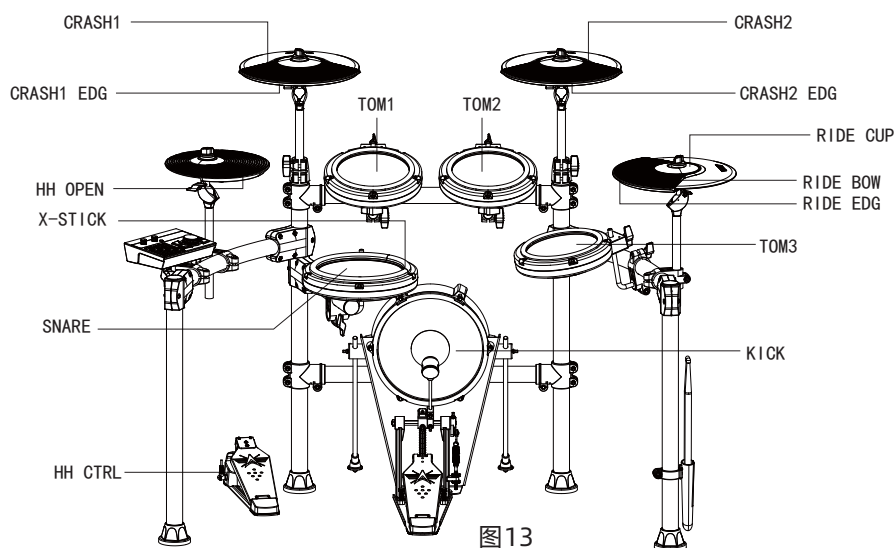


图13

注：踩住HH CTRL同时敲击①为闭镲，显示HH CLOSE。

第三步：转动选择旋钮调节参数，如图14。按确定键确定参数变更并返回第一步，可继续调节其他设置参数。完成调节后，按“QUICK”键返回主菜单，自动保存更改设置。



图14

7. 系统设置

按“SETUP”键进入设置界面，转动选择旋钮选择KIT SETUP，如图15。按确定键进入编辑界面。



图15

第一步：转动选择旋钮选择设置项目，可供选择的设置项目有：
 TRIG SCAN（触发信号检测）、EQ BASS（低音音量）、EQ TREBLE（高音音量）、
 REV VOL（混响量）、REV TYPE（混响类型、LOCAL（MIDI映射输出开关）、
 MIDI CH（MIDI通道）。按确定键进入所选项目设置。

系统设置菜单详见下图：



第二步：转动选择旋钮调节参数，如图16，按确定键确定参数变更并返回第一步，可继续调节其他设置参数。完成调节后，按“SETUP”键返回上一级菜单，自动保存更改的设置。



图16

8. 恢复各鼓组出厂设置

按“SETUP”键进入设置界面，转动选择旋钮选择KIT RESET。按确定键确定恢复各鼓组出厂设置，此时红色指示灯亮，待红色指示灯熄灭后，则已完成恢复出厂设置，如图17。



图17

9. 自动关机设置

按“SETUP”键进入设置界面，转动选择旋钮选择AUTO OFF。按确定键进入自动关机设置，转动选择旋钮选择自动待机时长，按确定键保存并返回上一菜单，如图18。



图18

10. 恢复所有出厂设置

按“SETUP”键进入设置界面，转动选择旋钮选择FACTORY RESET。按确定键确定恢复所有出厂设置，此时红色指示灯亮，待红色指示灯熄灭后，则已完成恢复出厂设置，如图19。



图19

11. 防止串音功能

当出现串音情况时，利用此功能调节对应数值可有效解决串音问题。按“SETUP”键进入设置菜单，转动选择旋钮选择XTALK SETUP，如图20。



图20

按确定键进入X-Talk设置，例：

当敲击军鼓（SD），出现镲片（CR1）的声音时：

1. 敲击鼓盘或镲片自动识别（敲击军鼓“SD”）如图21；



图21

2. 按确定键切换至串音鼓盘，按“COACH”选择串音出现的音色对应的鼓盘或镲片（选择镲片“CR1”），如图22；



图22

3. 转动选择旋钮调节参数，提高对应数值，完成调节后按“SETUP”键返回并自动保存参数。

注意：数值越大，影响越严重，调节至不串音最佳，尽量不要使数值过大。

功能表

Sens	灵敏度调节，数值对应打击板触发感应最小信号，数值越小，对应灵敏度越高
Velo	力度曲线，可根据合适的打击力度和习惯修改需要的力度曲线。0:LINER 1:EXP1 2:EXP2 3:LOG1 4:LOG2 5:SPLINE 6:LOUD1 7:LOUD2
Rev	鼓盘/镲片混响，数值越高，混响越大
Pan	声象，调节声音听觉位置
Level	鼓盘/镲片音量
Voice	鼓盘/镲片音色，可根据需要选择鼓的音色
Note	Midi 映射值，默认为标准midi映射
Mask	防止双触发,当演奏底鼓时，由于击槌会反弹再次打击底鼓(发两次声音)，mask time 设置一定数值将防止这一情况发生，数值越高，不利于快速演奏，尽可能将数值调低
Trig Scan	触发器的信号监控时间，可调节精确演奏力度的监控时间。数值越高，所需要的时间越长，尽量将其设置为最低的数值
Midi Ch	Midi 信号所选择的通道,默认通道10
Local	Local默认开启，内部发声且可连接外部输出midi信号，关闭后，内部将不会发声，只输出midi信号
Rev Type	混响类型，0: room1 1:room2 2:hall 3:studio 4:stage
Rev Vol	总混响音量
EQ Treble	总均衡高频
EQ Bass	总均衡低频
Kit Reset	使用会将当前鼓组还原为出厂默认音色
Auto Off	自动关机功能：可选择待机状态30分钟或1小时后自动关机
Factory Reset	恢复出厂设置：使用后将所有设置还原为出厂设置。（一旦还原,用户参数将无法找回，请谨慎使用）
X-talk	串音参数调节，调节对应串音参数有效解决串音发生

节拍器功能

开机后，按下“METRO.”进入节拍器伴奏，转动选择旋钮调节节拍速度，按确定键开始节拍器伴奏（此时指示灯闪烁），再次按确定键暂停节拍器伴奏，可供选择速度范围：40~240，如图23。



图23

按SETUP键选择音符时值，转动选择旋钮设置参数，如图24。可供选择的时值：1/4,1/8,1/8A, Trip, TripA, 1/16, 1/16A, 1/16B, 1/16C, 1/16D, 1/16E, 6Tup1。



图24

按SETUP键选择节拍，转动选择旋钮设置参数，如图25。可供选择的节拍：1~8。



图25

按SETUP键选择音色，转动选择旋钮设置参数，如图26。音色范围：1~100。





图26

踏板校准

产品受环境和温度影响，踏板使用的霍尔元件灵敏度可能产生变化，若出现此情况时，需要对踏板进行校准，校准步骤如下：



图27

- 1.先按住确定键不松开，再按“ ”键开机直到屏幕显示为图25的界面后，才可松开确定键。
- 2.自然的踩下踩镲踏板HHP（按平常使用时的踩下力度，不要松开），当屏幕自动跳变为主界面-鼓组音色显示  时，表示HHP自动设置完成，此时才可松开HHP踏板。至此，踏板校准已完成，可以进行演奏了。

蓝牙功能

蓝牙与手机连接时，先长按蓝牙开机按键，此时蓝色LED点亮，表示蓝牙已启动，手机端开启蓝牙功能并会自动搜寻蓝牙设备，若搜索到TDX-25 II设备名时，表示已搜寻到本设备，请点击连接，当蓝牙连接成功时，本产品会发出“滴”的提示音。

- 温馨提示：
- 1、本产品蓝牙音量默认按Android系统手机设置，产品在连接IOS系统手机时，请适当减小手机端的音量。
 - 2、若产品已经和一台蓝牙手机连接成功，需要改为和其他手机连接，需要先将要已经连接成功的手机端蓝牙功能关闭后，此时产品才能与其它手机进行配对连接。

USB MIDI 接口

本产品自带USB接口的MIDI音效输出/输入功能，通过USB电缆可连接带有MIDI IN功能的鼓机设备。也可以连接至PC的USB接口，通过专用软件在PC上编曲，再通过本主机播放出来。

温馨提示：MIDI指数字乐器接口，是编曲界最广泛的音乐标准格式，它用音符的数字控制信号来记录音乐。因此MIDI传输的不是声音信号而是音符、控制参数等指令，它告诉MIDI设备演奏哪个音符、何时演奏、音量大小等。

MIDI通信格式表：

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	True voice	0 ~ 127 *****	0 ~ 127 0 ~ 127	
	Note ON	0 ~ 127	0 ~ 127	
Velocity	Note OFF	x	0 ~ 127	
	Keyss	x	x	
After Touch	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
		x	O	
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				

技术指标

套鼓配置	吊镲*2、叮叮镲、踩镲、嗵鼓*3、军鼓、踩镲踏板、底鼓踏板	
鼓组音色	20组	
节拍器	速度	40~240BPM
	音色	1~10
	节奏	1/4, 1/8, 1/8A, Trip, TripA, 1/16, 1/16A, 1/16B, 1/16C, 1/16D, 1/16E, 6Tupl
	节拍	1~8
控制按键	电源键	
	确定键/选择旋钮	
	SETUP键	
	QUICK键	
	COACH键	
	METRO. 键	
	蓝牙键	
	VOLUME旋钮	
	BACKING旋钮	
显示视窗	2位16字数码管显示	
外部接口	6.35mm 音频输出接口	
	3.5mm 耳机接口	
	3.5mm AUX输入接口	
	USB B型MIDI接口	
	DB25鼓组信号侦测线接口	
	外置适配器电源接口	
额定电压	DC9V ⊕ — ⊖	
额定电流	300mA	
包装尺寸	鼓架箱：850×720×200mm；鼓盘箱：625×625×180mm	
附件	安装指南，用户手册，产品合格证，AC适配器1个，6.35音频线1根，鼓棒1对，鼓钥匙1个。	
选购产品 (另售)	电子鼓监听音箱	ADX-40 (40W), ADX-20 (20W)
	鼓毯	TDA-10蓝色 直径1.3米

温馨提示：产品信息如有变更，恕不另行通知，一切请以实物为准。

故障排除

故 障	检 查	解决方法
不发声/音量低	是否正常连接耳机或扬声器	请检查耳机及扬声器
	是否使用正常的音量	请调节主机合适的音量电平
	是否正确连接	请核查连接
	是否音频线接触不良	请更换音频线
	是否仅某个鼓存在不发声	请联系客服
	是否认为某个鼓音量偏小/偏大	请在设置>鼓组编辑中进行修改
HHP及DB踩踏感应存在不适	是否正确连接	请核查连接
	是否力度感应偏大/偏小	请调节踏板力度感应（霍尔感应校准）
	是否踏板过度灵敏/不够灵敏	请在设置>鼓组编辑中进行修改
正常打击出现多个声音信号，或出现其他鼓声	是否组装牢固，存在松动	请检查鼓盘及骨架的螺丝
	是否DB25线存在松动	请检查DB25线的主机接口端
	是否输出midi信号混乱	请使用TDX-APP、X-Talk和SENS功能进行校准
USB连接电脑失败		请重启再试一次
无法开机	是否开启电源	请使用标准规格的AC适配器（9V $\oplus \ominus$ ）
	是否开机按钮有异常	请联系客服
屏幕显示异常	是否屏幕过暗或显示文字不连贯	请联系客服
(如遇到其他问题，请咨询官方客服)		

Thank you for purchasing Aroma TDX-25 II Electronic Drum. Please follow 《TDX-25 II ASSEMBLY DIRECTORY》 to complete assembling, and then read below manual.

Product Features

Enjoy Playing

Play TDX-25 II with Aroma drum amp ADX-40 or ADX-20 (optional purchase) to have a similar feeling of acoustic drums. TDX-25 II restores the real sound patterns of acoustic drum sets and is easy to adjust sound level. Also enjoy playing quietly with headphone.

Updated Mesh Drum Head

All the Tom and Snare drums use new mesh heads for better experience.

Metronome Inside

10 different metronome tone optional and tempo \ beat \ rhythm \ volume are adjustable with light indicating.

Simple Operation Interface

Easy to operate the host machine with only 7 buttons, 2 volume knobs, and with LCD screen to show all the operation contents.

Easy Assembly

Only 8 steps to assemble TDX-25 II electronic drum kit. Please follow attached ASSEMBLY DIRECTORY manual to assemble your drum kit.

Drums Introduction

Crash Cymbal

CR, CR2, 11" diameter, half silicone, double triggers, mute function, positioned left top of drum kit.

Ride Cymbal

RD, 11" diameter, half silicone, triple triggers, mute function.

Hi-Hat

HH, 10" diameter, half silicone, single trigger.

Tom Drum 1, Tom Drum 2, Tom Drum 3

T1, T2, T3, 7" diameter, single trigger mesh head.

Snare Drum

SD, 8" diameter, mesh head, double triggers, two sounds of Side Stick, and Head Shot. Feel close to acoustic drum head and much quieter.

Bass Drum

BD, 10" diameter, designed with aluminum alloy stamp pedal, double chains link, independent drumstick and drum pad. Different strength makes a different sound level.

Hi-Hat Pedal

HHP made from high quality aluminum alloy. Play with Hi-Hat to make different sound.

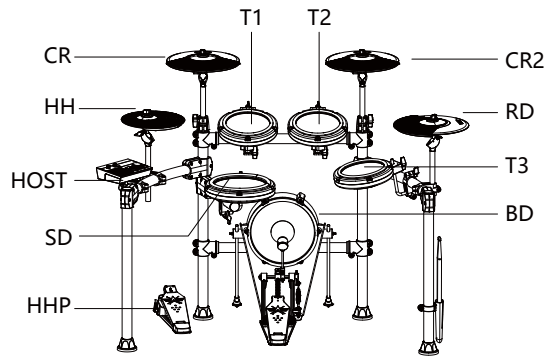


Diagram 1

Remind: Each abbreviation is marked on each drum pad and cymbal and also on each audio cable end. Make sure to match each pad when assembling.

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

Bow Shot (Diagram 4) and Edge Shot (Diagram 5) to make different 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. Mute area refers to Diagram 7.

Play with Ride Cymbal

Bow Shot (Diagram 4) and Edge Shot (Diagram 5) make different ride cymbal sound, also Bell sound (strike the top of ride cymbal refers to Diagram 6).

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 based on the stick Strength, snare head sound, refer to Diagram 8. Side Stick sound, refers to Diagram 9.



Diagram 2



Diagram 3



Diagram 4



Diagram 5



Diagram 6

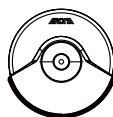


Diagram 7

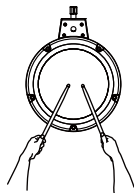


Diagram 8



Diagram 9

Host Machine Introduction

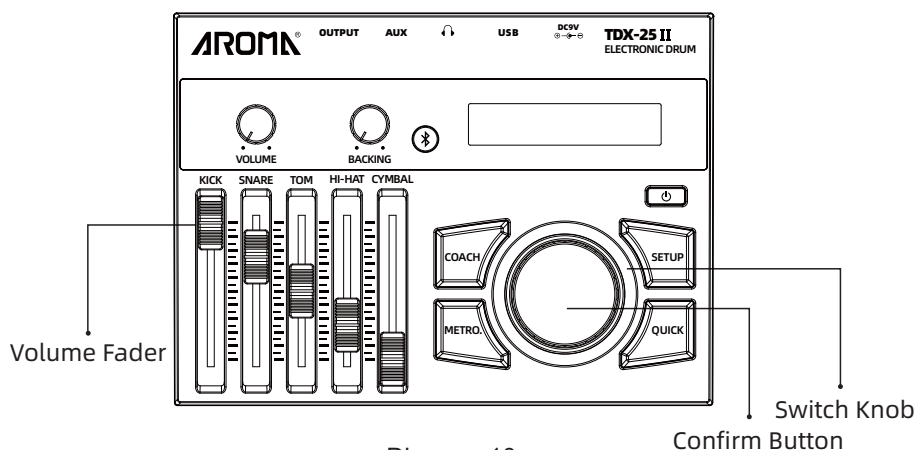


Diagram 10

Power Button: Press to turn On power / Press and hold to turn Off power. (Set to power off automatically, refer to next page and set 'AUTO OFF' to be '30 MIN' '1 HOUR' , or 'OFF')

Switch Knob: Turn the knob clockwise or anti-clockwise to change sound kits.
(Under different modes, the Switch Knob controls different functions, refer to Knob Function description on next page)

Volume Fader: This can change the volume of each strike pad. KICK stands for BD (Bass Drum), SNARE stands for SD(Snare Drum), TOM stands for all Toms(including T1, T2andT3), HIHAT stands for HH and HHP(HiHat and HiHat pedal), CYMBAL stands for CR1, CR2and RD(crash1,crash2 and ride cymbal)

Confirm Button: Confirm each function chose.

COACH: MIDI Accompaniment to practice fuction on/off

METRO.: Metronome On/ Off

SETUP: Return Button (Remind: Press and hold the button to save the set.)

QUICK: Button to enter user setup

VOLUME: Control the master volume of the drum kit.

BACKING : Control metronome volume.

"**Bluetooth**" : Bluetooth on/off

"**OUTPUT**" : 6.35mm output

"**AUX**" : 3.5mm AUX IN

"**Headphone**" : 3.5mm stereo headphone socket

"**USB**" : USB MIDI socket



"**DC9V**" : Power socket ⊕ — ⊖

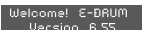
How To Use

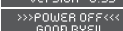
1. Power and Audio Cable Connection

Use the attached audio cable to connect OUTPUT of host machine to your drum amp or connect your headphone to the earphone port of Host Machine. And then connect the power adapter to DC9V port of Host Machine.

2. Turn On/Off Host Machine

Press button  to turn On the machine. Press and hold the button  to turn Off the machine. The screen shows below.

Power On:  (Supplied software is subject to change without prior notice.)

Power Off: 

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

Turn on the drum amp and adjust the drum amp volume level. Hit the drum pad in the same time and adjust Host Machine volume control and the drum amp volume control to make a balance.

4.Select Drum Kit

The default drum kit is Pop Stage. Turn switch knob clockwise or anti-clockwise to select other drum kits, refers to Diagram 11.

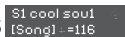


Diagram 11

All drum kits list:

K1 Pop Stage	K6 Metal Live	K11 Fast Funk	K16 Latin Jazz
K2 Pop Studio	K7 Power Metal	K12 Funky Rnb	K17 Electronic
K3 Hard Rock	K8 Metal Studio	K13 J-Standards	K18 Cavort
K4 Old Rock	K9 70's Fusion	K14 Cool Jazz	K19 Techno
K5 Heavy Metal	K10 Modern	K15 Swing Jazz	K20 Dubstep

5.Song Select

After power On, press COACH Button, the screen shows  , to enter Song play mode. Turn switch knob clockwise or anti-clockwise to choose songs. After selected, press Confirm button, and the button light flashes. The selected song starts to play.

Practice songs select and buttons control

Turn power on	Coach		Coach		
<div>⏻ Press to power On</div>	Turn knob to select songs	S1 cool soul	S23 r&b ballade	When the count-in beat is over, it starts to play automatically	Turn the selection knob to adjust the parameters
		S2 techno	S24 real soul		Bass volume for accompaniment
		S3 dixie	S25 reggae		Drum volume for accompaniment
		S4 waltz	S26 easy soul		melodic instrument volume for accompaniment
		S5 easy rock	S27 pop rock		BPM for accompaniment
		S6 rock beat	S28 folk		
Play songs	S7 ballade beat	S29 pop	Press Confirm Button to pause/ resume the accompaniment		
	S8 salsa	S30 funk			
	S9 break beat	S31 slow beat			
	S10 shuffle	S32 hard rock 2			
	S11 hard rock	S33 soft beat			
	S12 slow pop	S34 jazz dance			
	S13 hip hop	S35 standard pop			
	S14 soul	S36 acid jazz			
	S15 mambo	S37 rock folk			
	S16 polka	S38 bigband			
	S17 fast funk	S39 samba			
	S18 pop swing	S40 cha cha			
	S19 funk shuffle	S41 swing			
	S20 pop disco	S42 dancy pop			
	S21 pop ballade	S43 techno pop			
	S22 pop waltz				

6. Kit Edit

Step 1: Press "QUICK" to enter kit edit menu. Turn switch knob to select desired parameter to edit including: Pitch, Level, Pan, Rev(Reverb), Velo(Velocity), Sens(Sensitivity), Mask (Scan Mask Time), Note(MIDI note number), Voice. Then press confirm button to enter the parameter.



Diagram 12

Remind: The "SETUP" button edits only the current selected drum kit.

Menu of all parameters are as below.

QUICK SET-Pitch KICK : 63 Pitch: 0~127	QUICK SET-Level KICK : 125 Level: 0~127	QUICK SET-Pan KICK : 64 Pan: 0~127
QUICK SET-Rev. KICK : 64 Rev: 0~127	QUICK SET-Velo. KICK : 6 Velo: 0~7	QUICK SET-Sens. KICK : 5 Sens: 0~127
QUICK SET-Mask KICK : 35 Mask: 0~250	QUICK SET-Note KICK : 36 Note: 21~108	QUICK SET-Voice KICK : [BD]5 Voice: 1~67(KICK)

Step 2: After selecting the parameter, strike the desired pad or cymbal. The screen automatically shows the part name which you strike. All the corresponding names are as below.

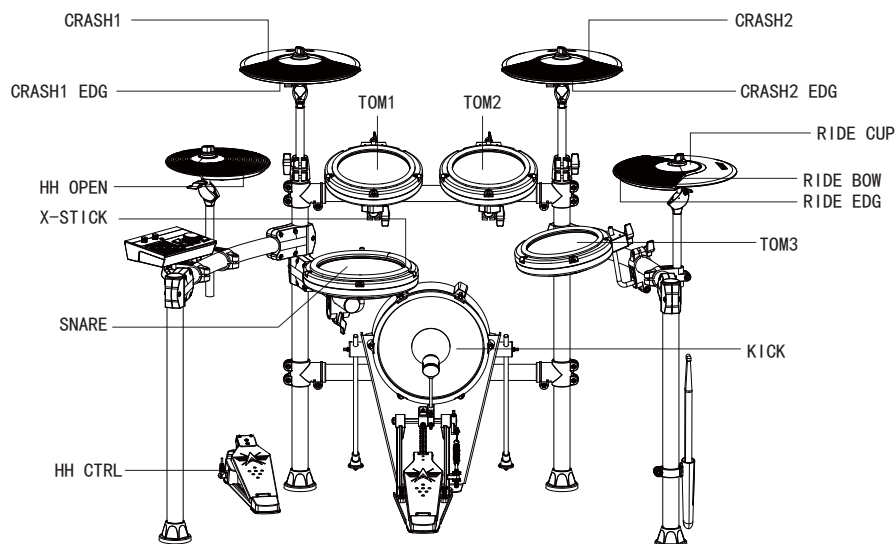


Diagram 13

Remind: 1. Stamp on hi-hat pedal and strike hi-hat cymbal, the screen shows HH CLOSE (hi-hat close).

Step 3: Turn switch knob to select desired parameter, refers to Diagram 14. Press confirm button to confirm, and return to Step 1 to edit other parameters. After adjustment, press "QUICK" button to return to the main menu, and all the settings are automatically saved.



Diagram 14

7. System Setting

Press "SETUP" to enter the setup menu, turn switch knob to select KIT SETUP, refers to Diagram 15. Press confirm button to enter kit setup menu.



Diagram 15

Step 1: Turn switch knob to select desired parameter to edit including: TRIG SCAN, EQ BASS, EQ TREBLE, REV VOL(reverb volume), REV TYPE(reverb type), LOCAL(local sound), MIDI CH(MIDI channel). Then press confirm button to enter the parameter. The menu of all parameters are as below.



Step 2: Turn switch knob to adjust the parameter, refers to Diagram 16. Press confirm button to confirm, and return to Step 1 to edit other parameters. After adjustment, press "SETUP" button to return to the main menu, and all the settings are automatically saved.



Diagram 16

8. Restore Kit Setting

Press "SETUP" to enter the setup menu, then turn switch knob to select KIT RESET. Press confirm button to restore factory settings of the current drum kit. The indicator turns on Red color and then Off, which indicating setting restored. Refers to Diagram 17.



Diagram 17

9. Auto Power Off

Press "SETUP" to enter the setup menu, then turn switch knob to select AUTO OFF. Press confirm button to enter automatic shutdown menu. Press turn switch knob to select standby time length, press confirm button to save the setting and return to the main menu. Refers to Diagram 18.



Diagram 18

10. Factory Reset

Press "SETUP" to enter the setup menu, then turn switch knob to select FACTORY RESET. Press confirm button to restore factory settings of all the drum kits. The indicators turn Red color and then Off, which indicates setting restored. Refers to Diagram 19.



Diagram 19

11. Anti-crosstalk Function

When crosstalk occurs, adjusting the corresponding value with this function can effectively solve the crosstalk problem. Press "SETUP" button to enter the settings menu, Turn the selector knob to select XTALK SETUP, refer to diagram 20.



Diagram 20

Press confirm button to enter XTALK setting, for example.

When the snare drum is struck, the sound of the cymbal appears:

1. Automatic recognition of drums or cymbals when struck (strike snare drum "SD") refer to diagram 21.



Diagram 21

2. Press the confirm button to switch to the crosstalk drum pad, and press the "COACH" button to select the drum pad or cymbal corresponding to the sound that crosstalk appears (select cymbal "CR1") refer to diagram 22.



Diagram 22

3. Turn the selector knob to adjust the parameter. Increase the corresponding value, press the SETUP button to return and automatically save the parameters after finishing the adjustment.

Note: The larger the value, the more serious the impact. It is best to adjust to no crosstalk, try not to make the value too large.

Menu bar

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: LOG1; 4: LOG2; 5: SPLINE; 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 (JMSC) 1991)
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.
Trig scan	The monitoring time length between each two trigger signal. The bigger the value is, the longer the time. Set it as small as possible.
Midi ch	MIDI signal channel, defaulted channel 10.
Local	Local is On by default. Sound will be outputed along with MIDI signal when On. Only MIDI signal without sound when Off.
Rev type	Reverb effect type 0: room1; 1:room2; 2:hall; 3:studio; 4:stage
Rev vol	Reverb effect volume level
EQ treble	Volume level of high frequency
EQ bass	Volume level of low frequency
Kit reset	Reset current drum kit sound to defaulted factory setup
Auto off	Automatic shutdown time length when the machine at standby mode. Options of 30 minutes or 1 hour.
Factory reset	Reset all changes to defaulted factory setup.
X-talk	Crosstalk parameter adjustment, adjust the corresponding crosstalk parameter to effectively solve the crosstalk occurrence

Metronome Function

Press button "METRO." to enter the metronome. The indicator turns red and flashes.
Turn switch knob to adjust tempo, refers to Diagram 23. Tempo range:
40 ~ 240BPM. Another press confirm button to suspend metronome.

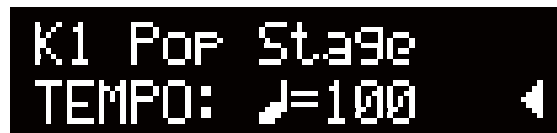


Diagram 23

Press QUICK button to select rhythm, turn switch knob to adjust rhythm,
refers to Diagram 24. Rhythm options: 1/4, 1/8, 1/8 A, Trip, Trip A, 1/16, 1/16 A,
1/16 B, 1/16 C, 1/16 D, 1/16 E, 6 Tup 1.

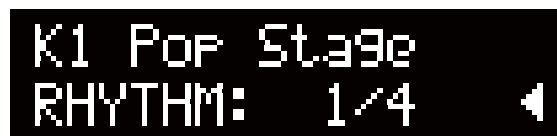


Diagram 24

Press button "SETUP" to select beat, turn switch knob to adjust beat, refers to
Diagram 25. Beat options: 1 ~ 8.

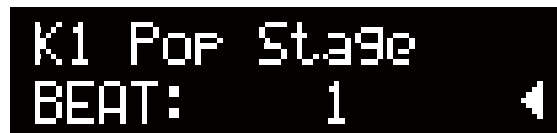



Diagram 25

Pedals Adjustment

The pedals sensors' sensitivity might be affected by circumstances, temperature, etc.. If this happened, please adjust the pedals as below.



Diagram 26

1. Press Confirm Button and hold firstly, and then in the same time press "⏻" Button. Till that host machine is ON and the screen shows as Diagram 13, release both buttons.
2. Stomp down and hold hi-hat pedal HHP till screen returns to the initial setup surface , which means HHP automatic setup finished, and then release HHP pedal.
3. Pedals automatic setup now finished. Enjoy your play.

Bluetooth

Long press bluetooth button until blue indicator on, then connect the "TDX-25 II" with phone. IOS system phone needs to input code "0000". A beep sound "Di..." will be generated when bluetooth connection succeed.

- Remind:**
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 of the amp to another phone, please disconnect the previous connection.

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	
	Messagess 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
Program Change		x	O	
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

Remind: 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	20	
Metronome	Tempo	40- 240 BPM
	Beat	1- 8
Control Buttons	Power Button	
	Confirm Button / Switch Knob	
	SETUP Button	
	QUICK Button	
	COACH Button	
	METRO. Button	
	Bluetooth Button	
	VOLUME knob	
	BACKING knob	
LCD Screen	32 characters by dot matrix	
Interface	6.35mm gauge audio port	
	3.5mm earphone port	
	3.5mm aux port	
	USB B type MIDI port	
	DB25 drums signal cables	
	AC/DC adapter port	
Power Voltage	DC9V 	
Power Current	300mA	
Accessories	Electronic drum kit, Assembly Direction, Operation Manual, AC adapter, 6.35mm(1/4") cable, M6 tool - 1 piece, drum sticks - 1 pair	
Optional Products	Drum Amp	ADX-40(40W), ADX-20(20W)
	Drum Rug	diameter: 1.3m

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 knob
	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 some one pad or cymbal too low or high?	Follow Kit Edit 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?	Follow Kit Edit to adjust the pedals sensitivity
Cross talk	Is the drum kit assembled properly?	Check all the joints and fasten the screws
	Are DB25 audio cables loose?	Check all the connections of DB25 audio cable heads
	Is MIDI signal disordered?	Use TDX-APP or X-Talk and SENS edit to calibrate
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 Warning:

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.



MADE IN CHINA



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