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深圳市蔚科电子科技有限公司

NUX



PORTABLE DIGITAL DRUM KIT
DM-1X 便携式电子鼓
NUX 电子鼓系统

使用说明书

User Manual

NUX Drum System PORTABLE DIGITAL DRUM KIT DM-1X



NUX

Cherub Technology Co.,Ltd
www.nuxefx.com

安全使用本设备

为避免火灾、电击以及人身伤害，请遵循以下指示

- 将本设备的电源插口与带有接地保护的电源插座连接。
 - 请勿自行拆开或改动本设备的任何内置部件。
 - 请勿尝试修理或更换本设备零件（除非本说明书提供有安装选购配备的指示）请就近洽询 Cherub 服务中心或 Cherub 授权经销商。
 - 请勿将本设备放置在以下场所：
 - 温度过高的场所（例如阳光直射下的封闭车辆中、热输送管附近或发热机器的上方）
 - 潮湿处（例如：浴室、洗手间、或潮湿的地面）
 - 湿气重的地方
 - 直接遭雨淋的地方
 - 灰尘多的地方
 - 有强烈震动的地方
 - 请确保将本设备放置于平坦之处以确保其稳固。请勿将本设备放置于可能会摇晃的支架上或是倾斜之处。
-
- 当发生以下情况时，请立即关闭电源，将插头拔掉，并与当地 Cherub 服务中心或 Cherub 授权经销商联系：
 - AC 适配器、电源线或是插头破损
 - 发生冒烟或发出异味
 - 异物或液体掉入或渗入本设备
 - 本设备直接遭雨淋（或打湿）
 - 本设备操作不正常或是表现有明显的变化
 - 请注意家中的孩童。成人应监督孩童行为，直到他有能力遵循必要的安全指示操作本设备。
- 本设备必须连接操作说明中指示的和设备背面注明的供电装置。
 - 请使用本设备附属的电源导线。附属的电源导线请勿用于其他的设备。
 - 电源线请勿过度扭曲或弯折，也不可以在上面放置重物。这样可能会损坏电源线而造成元件断裂与短路。损坏的电线可能造成火灾和触电的危险！
 - 无论单独使用本产品或连接使用放大器、音箱或耳机时，过大的音量可能会导致听力永久的损害。请勿长期在过大音量或任何会导致不适的音量下使用。如果您感到任何听力的损失或产生耳鸣，请停止使用并迅速求诊。
 - 请勿将任何物品（如易燃物、硬币、别针等）或任何液体（水、饮料等）掉入或渗入设备中。
 - 避免强烈的碰撞。（请勿摔落！）
 - 请勿将过多的电器与本产品共用一个插座。在使用延长线时，请特别注意您连接在延长线上的所有设备，其总功率绝对不可超过延长线所能承受的功率。电流的超载会导致导线发热并溶解包覆电线的绝缘物质。

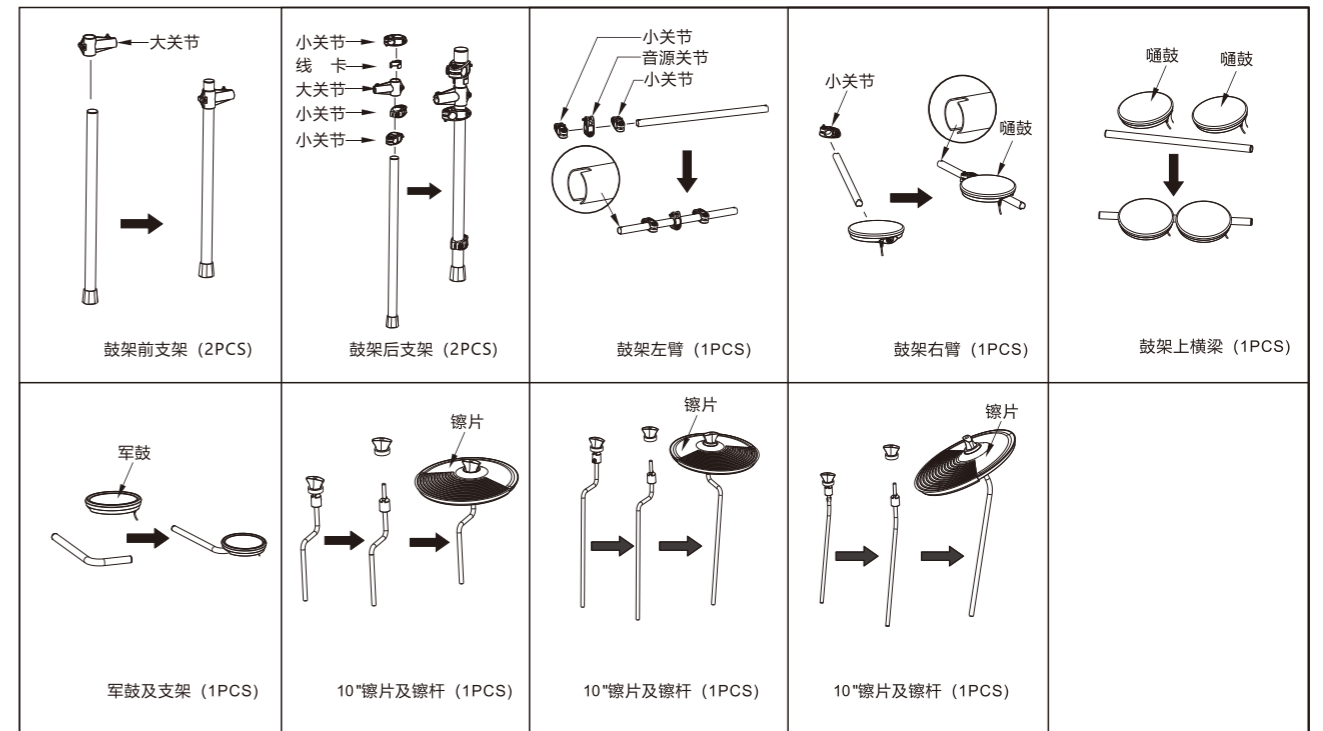
- 在国外使用本设备之前，请与当地 Cherub 服务中心或授权经销商联系。
- 请勿将盛有水的容器（如花瓶）或饮料放置于设备上。盛有杀虫剂、香水、酒精、指甲油或喷雾剂的容器也不要放置在设备上。请使用柔软的干布擦拭溅到设备上的液体。
- 请将本设备和 AC 适配器放置在不影响其良好通风的场所或方向。
- 将 AC 适配器的插头插入或拔开插座时，请用手拿设备电源线的插头部分。
- 每隔一段时间，您必须将 AC 适配器的电源插头拔掉，并用干布擦拭和清除累积于插头的灰尘。当长期不使用本设备时，也请将电源插头拔离插座。在电源插头与电源插座之间沉积的灰尘可能会使绝缘不良而导致火灾。
- 请避免电源线与各种导线互相缠绕。此外，也请让孩童远离电源线与导线。请勿踩踏在设备上，也不要将重物放置在设备上。
- 手部潮湿时，请勿拿取设备的电源线或将 AC 适配器的插头插入或拔离插座。
- 移动设备之前，请拔下 AC 适配器连接线和所有与设备连接的外置设备连线。
- 清洁本设备之前，请关闭电源并从插座上拔下 AC 适配器连接线。
- 若怀疑您的地区可能发生雷击时，请将电源插头拔掉。
- 请把螺丝放置于孩童触及不到的安全之处，以防孩童误吞食。

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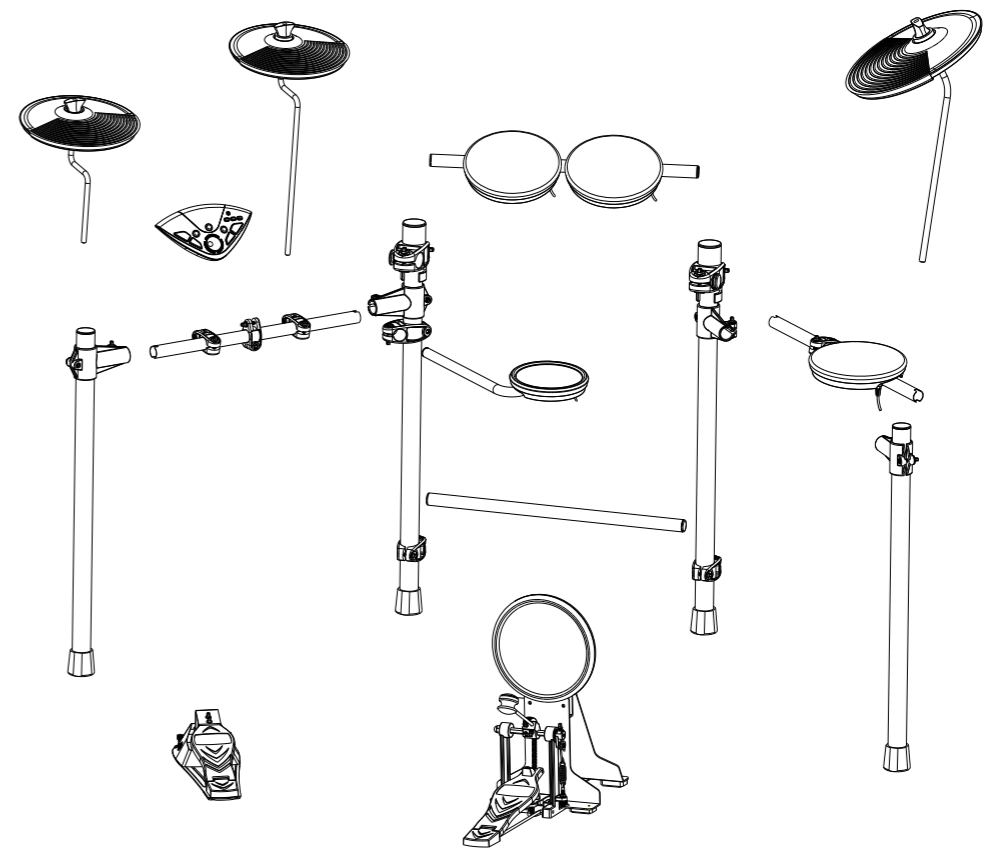
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组装示意图

各部件组装

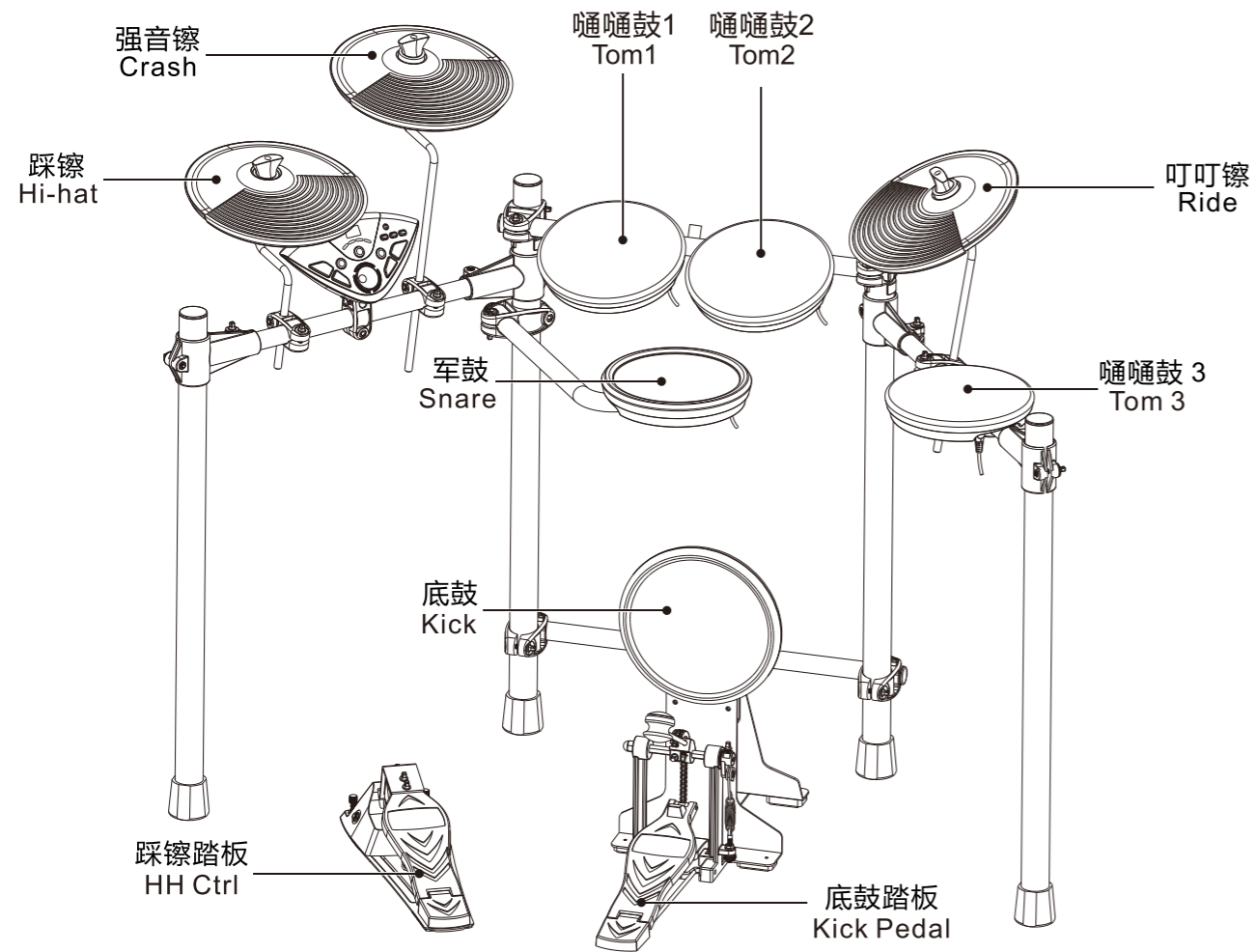


总装图

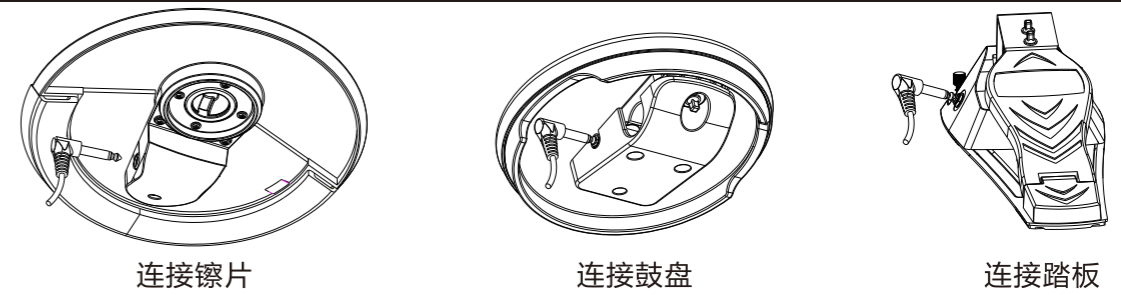


注: 踩镲踏板和底鼓踏板背面有名称标识, 安装时请注意区分, 避免装错。

部件组装完成



连接数据线

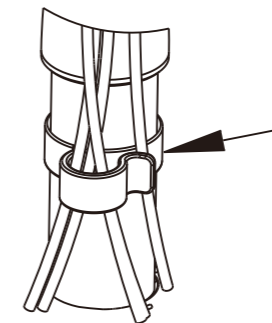


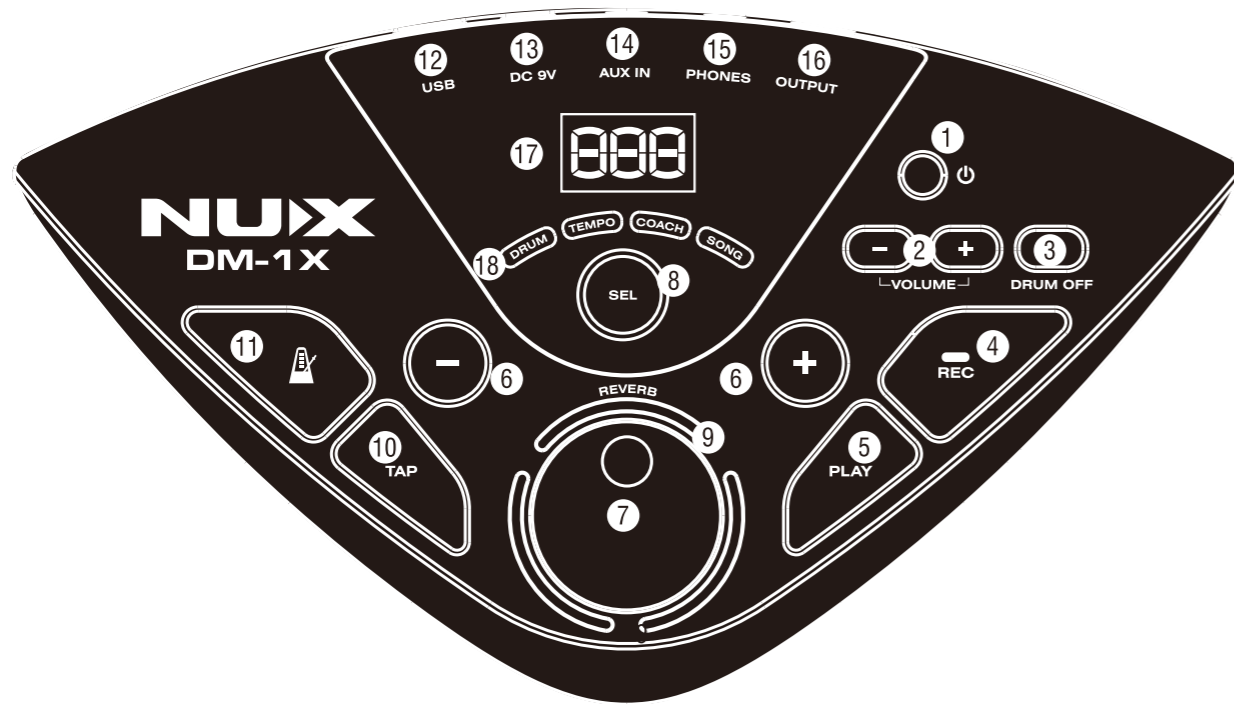
数据线和各组件的对应关系如下表：

数据线接头	对应连接组件
灰色单声道接头	连接底鼓踏板 (Kick)
蓝色单声道接头	连接踩镲踏板 (Hi-hat control)
白色双声道接头	连接踩镲 (Hi-hat)
红色双声道接头	连接强音镲 (Crash)
绿色双声道接头	连接叮叮镲 (Ride)
黑色单声道接头	连接通通鼓3 (Tom3)
紫色单声道接头	连接通通鼓2 (Tom2)
橙色单声道接头	连接通通鼓1 (Tom1)
黄色双声道接头	连接军鼓 (Snare)

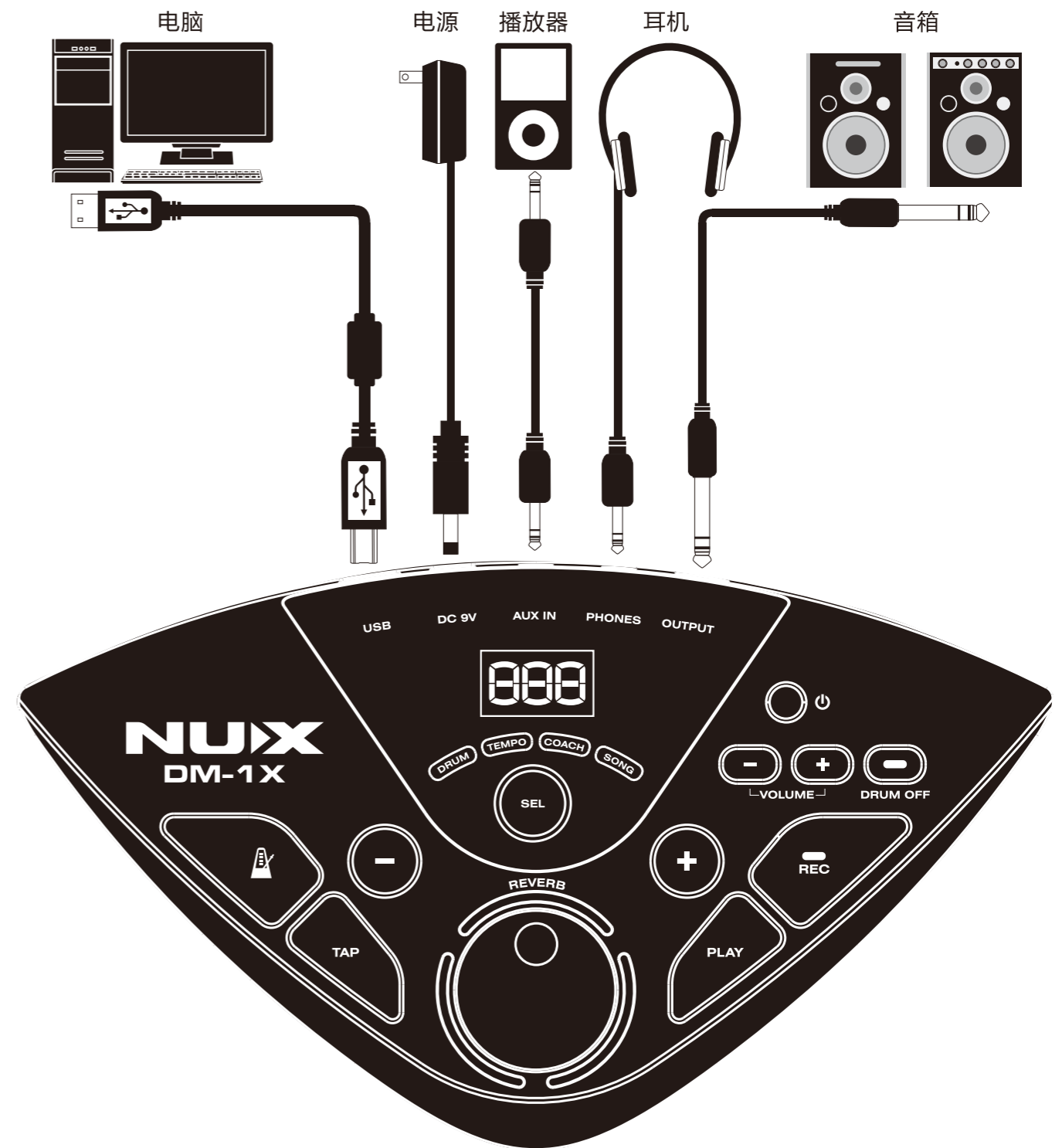
固定数据线

为了使用安全，请用随机附带的线卡固定数据线，固定方法见下图所示：





- | | |
|--|--|
| <p>1. 开关机按键
长按打开或关闭电源。</p> <p>2. VOLUME按键
调节鼓音量。</p> <p>3. DRUM OFF按键
打开或关闭示范曲的鼓声。</p> <p>4. REC按键
按下进入录音模式。</p> <p>5. PLAY按键
播放/停止录音、示范曲等。</p> <p>6. +-按键
切换鼓组、调整参数。</p> <p>7. 编码器旋钮
切换、调节效果器。</p> <p>8. SEL按键
模式选择键，选择四种模式。</p> <p>9. 效果指示灯
显示当前效果。</p> <p>10. TAP按键
连续按TAP键，拾取当前速度。</p> <p>11. 节拍器按键
按下节拍器键，开启或停止节拍器与教练功能。</p> | <p>12. USB接口
连接电脑。</p> <p>13. DC 9V电源接口
连接9V电源。</p> <p>14. AUX IN插孔
连接手机、MP3。</p> <p>15. 耳机插孔
连接立体声耳机。</p> <p>16. OUTPUT输出孔
输出音频。</p> <p>17. LED屏幕
显示操作状态。</p> <p>18. 模式显示灯
显示当前操作模式。</p> |
|--|--|



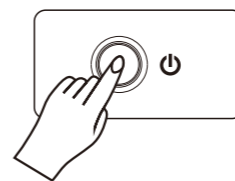
注意：
为了防止设备故障或损坏，在开机或进行其它设备连接前，请调低音量并把设备电源关闭。



开启/关闭电源

*开启电源

1. 将外置放大器与音响设备的音量调节至最小。
2. 长按开关机键，开启电源。



开机屏幕显示



- * 打开电源时，可能听到微弱的声响，这是正常现象，并非故障。

打开电源后，LCD显示屏将显示鼓组序号及当前模式。



注：01表示鼓组序号；Drum表示鼓组模式。

4. 敲击打击垫，缓慢升音量。

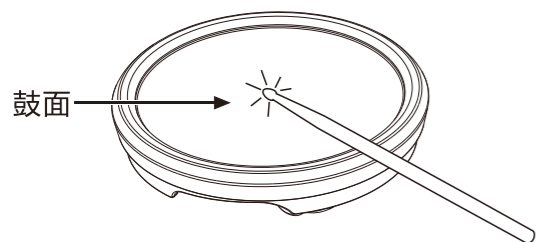
按照您的需要提高外置放大器及音响设备的音量。

*关闭电源

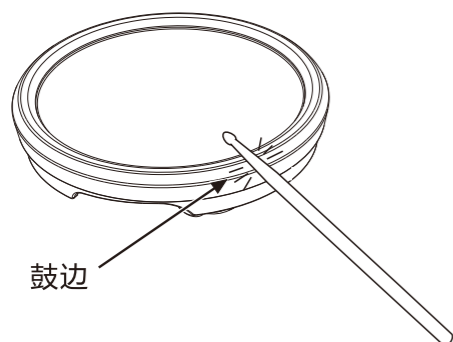
1. 将DM-1X及外部设备的音量调节至最小。
2. 关闭连接设备的电源。
3. 长按开关机键，关闭电源。

***军鼓 (Snare)**

面击
打击鼓面

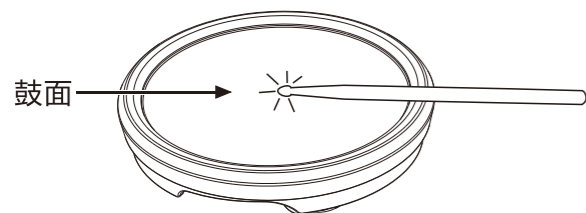


边击
打击鼓边



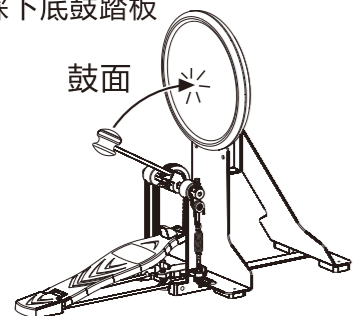
*** 嗵鼓 (Tom)**

面击
打击鼓面



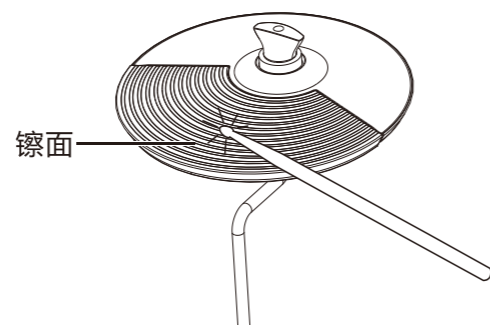
***底鼓 (Kick)**

打击 踩下底鼓踏板

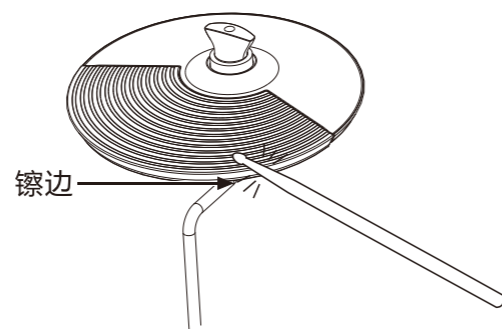


*** 镲片 (Crash Ride)**

面击
打击镲片的面

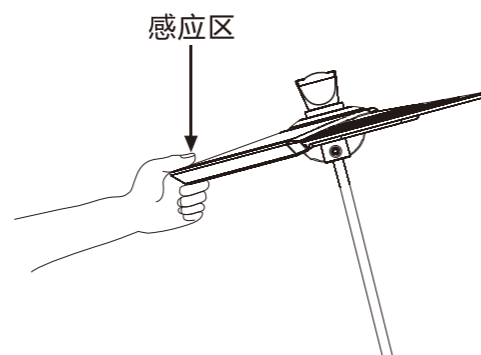


边击
打击镲片的边缘



镲片静音

打击镲片后，立即用手捏住镲片的边缘将会进行静音。如图所示捏住边缘触发器的位置。如果您捏住其它无触发器的位置，镲片将不会静音。

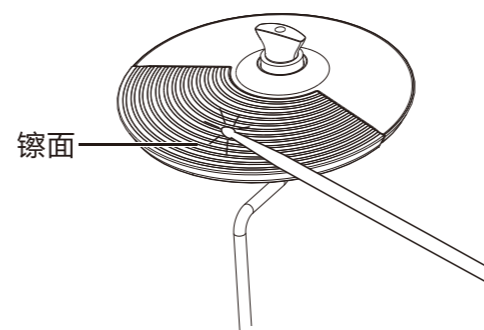


*** 踩镲 (Hi-hat)**

开放/闭合

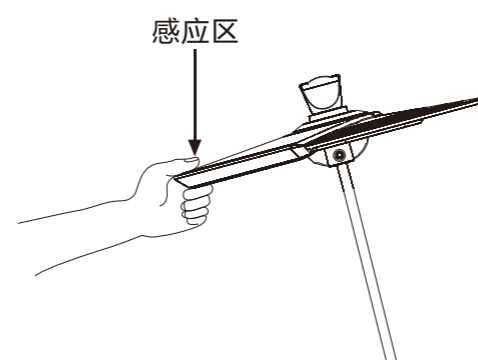
踩镲音色将在开放和闭合之间改变，这将取决于踩镲踏板和踩镲镲片的力度控制。

面击
打击镲片的面

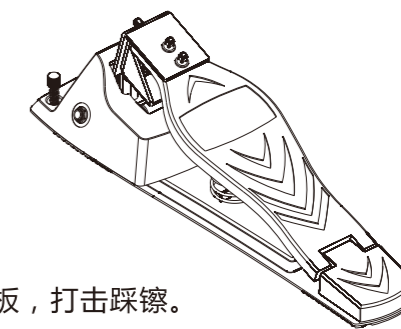


镲片静音

打击镲片后，立即用手捏住镲片的边缘将会进行静音。如图所示捏住边缘触发器的位置。如果您捏住其它无触发器的位置，镲片将不会静音。



*** 踩镲控制踏板 (HH Ctrl)**



开放踩镲

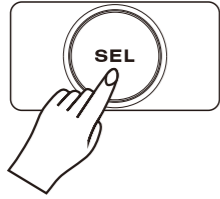
不踏下踏板，打击踩镲。

闭合踩镲

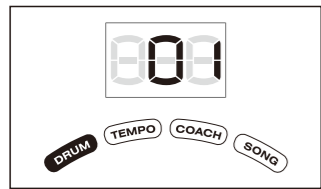
踏下踏板，打击踩镲。

模式选择功能操作

1. 按[SEL]模式选择键可选择DRUM、TEMPO、COACH、SONG模式，被选中模式组灯亮。



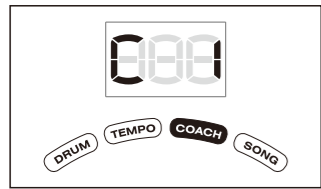
2. DRUM、TEMPO、COACH、SONG四种模式默认情况下显示如下图：



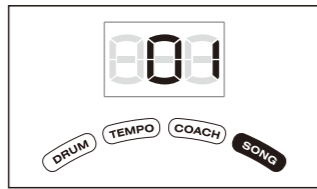
DRUM模式



TEMPO模式



COACH模式

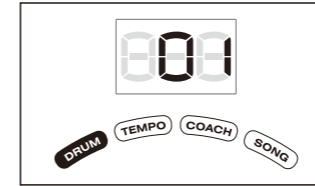


SONG模式

套鼓模式功能操作

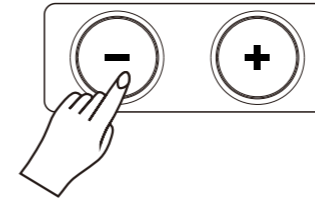
套鼓整体切换

进入DRUM模式，如图：



DRUM模式

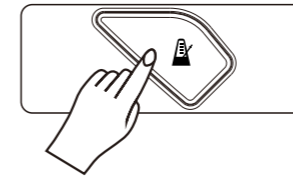
1. DRUM模式下，按[-][+]键选择套鼓。



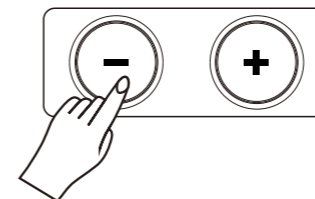
2. 默认DRUM模式下鼓组有20组鼓音色。鼓组音色显示名称由01-20。

灵敏度与各项参数调节

1. 长按[▲]按键进入DRUM参数调节状态，DRUM模式指示灯与[▲]灯闪烁。



2. 按[SEL]键可选择您要调节的参数，按[-][+]键调节参数值，可调范围如下：



参数	范围
防串扰[C32]	0 - 80
MIDI通道[P10]	1 - 16
灵敏度	S0.1 - S3.2
边击增益	没有边击参数的显示r--，有边击参数显示r1.0，范围r0.1--r3.2

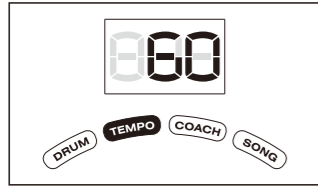
3. 可调节USB MIDI输出的note号的范围0-99，默认参数如下图：

鼓盘名称	Midi note
Kick	36
Snare	38
Snare rim	40
Tom1	48
Tom2	45
Tom3	41
Ride bow	51
Ride edge	59
Crash bow	49
Crash edge	55
Hihat open	46
Hihat closed	42
Hihat pedal	44

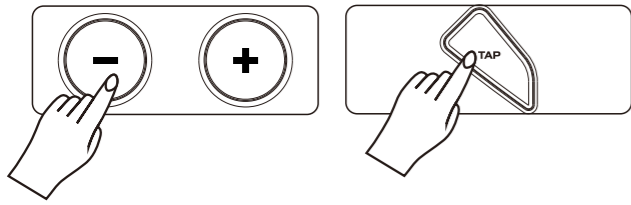
节拍器模式功能操作

进入节拍模式

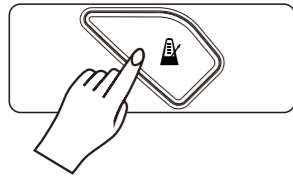
1. 按[SEL]键进入TEMPO 模式，如图：



2. TEMPO 模式下，按 [-][+] 键或按 [TAP] 键编辑TEMPO速度。



3. 按 [] 键开始或关闭节拍器。

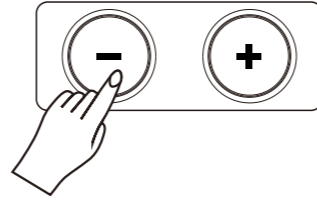


屏幕显示	速度范围	参数说明
	40-240	设定节拍器的速度 (同demo曲的播放速度)

参数编辑选项

1. 在Tempo模式下，按 [] (节拍器) 按键，节拍器响起。

2. 按[SEL] 键选择您想修改的项目，使用 [-][+] 按键调节参数。



b 1	调节Beat值
r 4	调节节奏型
L 0	调节节拍音量

3. 按下 [] 键完成设置。

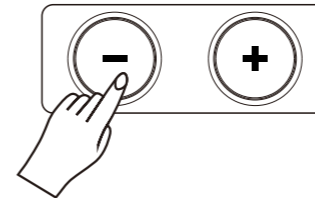
参数	屏幕显示	说明
Beats	b 1 - b 9	设置节拍数
Rhythm type	r 4 (四分音符)	设置节拍单元
	r 8 (八分音符)	
	r 83 (八分音符三连音)	
Volume	L 0 - L 10	设置音量

教练模式功能操作

1. 按[SEL]键选择Coach模式。



2. 使用 [-][+] 按键选择练习菜单C1-C6。



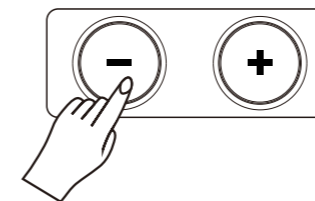
* (C 1) Time Check-打击时值练习



C 1 状态下长按 [] 键，进入C 1设置状态，默认状态屏幕如下图：



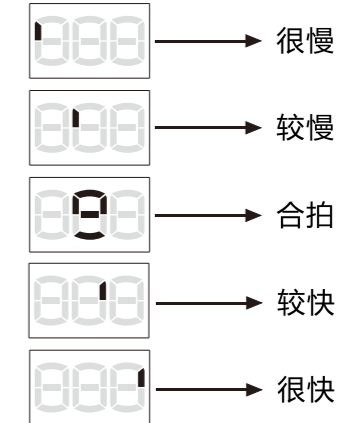
1. 按 [-][+] 键设置计时功能，参数见下图列表：



屏幕显示	参数说明
	关闭计分功能
	设置计分的时间为30秒。
.....	设置计分时间范围：30秒、60秒、90秒、120秒、150秒、180秒，计时结束得分将会显示在屏幕中。
	* 开始前将会有两小节预备拍。

2. 按 [] 键保存设置结果，再次按下 [] 按键开始练习。
开始时前面有两小节预备拍。

3. 合着节拍器敲击打击垫。
屏幕将会显示您的敲击是否与节拍器声音合拍：



4. 开启计时功能时，计时结束屏幕将会显示您的成绩。

* (C 2) Change up -节奏变化练习

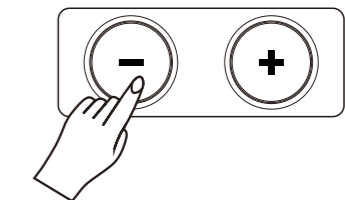


在C1状态下，按[+]键进入C2状态，Change-up 节奏类型每两小节改变一次。从四分音符起，依次变为八分音符，八分音符三连音，十六分音符，最后变回四分音符。此过程将会重复循环。

1. 按 [] 键开始练习。

2. 合着节拍器敲击打击垫。屏幕将会在您演奏时显示节拍速度。

* 您可以在演奏中使用 [-][+] 按键调整速度。



3. 按下 [] 键返回Coach模式菜单页面。

教练模式功能操作

4. 无参数设置，默认节拍为4小节变化一次：



5. 设置节奏变化练习小节数。

- 长按 [] 键，COACH 灯闪烁进入节奏变化练习小节数设置界面。
- 使用 [-][+] 按键修改数值，修改范围：01-08。
注：默认每隔四小节节奏变化一次，可调节小节数为01-08。

屏幕显示	参数说明
	默认：每隔四小节节奏变化一次。
	可调节小节数为01-08。

* (C 3) Auto Up/Down –变速练习



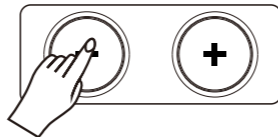
在C2状态下，按[+]键进入C3状态，在此模式下，节拍器的速度逐渐加快或减慢，帮助您锻炼耐力和持久力。节奏的每一拍逐渐变快，直到最大值，随后速度将会变慢，恢复到最初的节奏速度。此过程将会重复循环。

开启练习和调节速度

- 按下 [] 键开始练习。
- 合着节拍器敲击打击垫。
 - 默认速度最小值为100，最大值为150。
 - 速度最小值设置。
您可以在练习时按下[-]按键指定速度最小值，每按一下递减为10，最小值范围为40 - 140，当小于40之后将跳到140继续递减。
 - 速度最大值设置。
您可以在练习时按下[+] 按键指定速度最大值，每按一下递增为10，最大值范围为150- 240，当大于240之后将跳到150继续递增。
 - 设置完后按 [] 键确认返回主菜单。

设置节奏改变的模板

- 长按 [] 键进入设置节奏改变界面，COACH 灯闪烁。
- 按 [-] [+] 按键调节数值，按 [] 确认返回。



屏幕显示	参数说明
	每隔一拍加快/减慢速度。
	每隔两拍加快/减慢速度。
	每隔三拍加快/减慢速度。
	每隔四拍加快/减慢速度。

* (C 4) Quiet Count –静音练习



在C3状态下，按[+]键进入C4静音练习模式，在此模式下，可以帮您训练出良好的时值感。默认状态节拍器会响四小节，然后静音四小节，这样重复循环。

开启练习和调节速度

- 按下 [] 键开始练习。
 - 开始的几小节，节拍器发声。
随后的几小节，节拍器将不发声。请在此时继续敲击任何打击垫。
几小节过去后，节拍器重新开始发声。屏幕上显示的0 - 100 的数值代表您的演奏与正确节奏的差异。
 - 您可以在演奏中使用 [-][+] 按键调整节拍器速度。
 - 设置完后按 [] 键确认返回主菜单。

教练模式功能操作

设置静音练习变化小节数

- 长按 [] 键进入小节数设置界面，COACH 灯闪烁。
- 按 [-] [+] 按键调节小节数值，范围：01-08，按 [] 确认返回。

屏幕显示	参数说明
	默认：四小节节拍器响，四小节节奏静音 可调节小节数为01-08。

* (C 5) Tempo Check-打击速度练习



在C4状态下，按[+]键进入C5打击速度练习模式，在此模式下，训练不依赖节拍器而能够速度稳定地进行演奏。

- 按下 [] 键开始练习。
- 合着节拍器敲击打击垫。
请以固定速度敲击打击垫。
 - 演奏的速度越准确，节拍器声音就变得越轻柔。
 - 如果敲击的速度开始变得不稳，节拍器音量将会逐渐增大。
 - 速度偏差越大，节拍器声音越响。
 - 请调整敲击速度，使其符合节拍器速度。
- 练习时除了节拍音会提示练习状态外，屏幕也会实时显示练习状态。见下图所示：



- 在演奏中使用 [-][+] 按键调整速度。
注：如果演奏与正确速度有非常明显的偏差，则无法精确显示出偏差量。
- 设置完后按 [] 键确认返回COACH主菜单。

* (C 6) Stroke Balance-打击力度练习



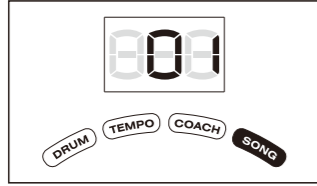
在C5状态下，按[+]键进入C6 打击力度练习模式，在此模式下，训练消除左右手敲击的音量差别，使演奏声音更加一致。屏幕将会显示敲击的力度。

- 按下 [] 键开始练习。
- 合着节拍器敲击打击垫，屏幕将会显示敲击力度。
- 您可以在演奏中使用 [-][+] 按键调整速度。
- 设置完后按 [] 键确认返回COACH主菜单。

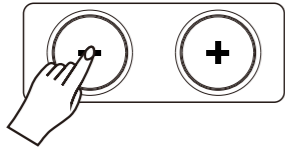
练习曲模式功能操作

进入SONG模式

按[SEL]键进入SONG模式。



1. SONG 模式下，按[-][+]键选择练习曲。



2. SONG模式下鼓组有10首练习曲目，曲目名称显示为: 01-10。

3. 按[PLAY]键播放示范曲目，按[DRUM OFF]键消除示范曲中的鼓声(DRUM OFF按键指示灯亮)。

SONG模式参数设置

1. 长按[SEL]键进行SONG模式参数设置，SONG LED灯闪烁，按[SEL]键可选择设置背景音乐音量与音乐速度，按[-][+]键调节设置参数。

2. 按[SEL]键确认设置。



设置速度

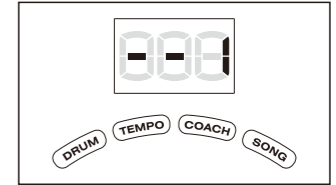


设置音量

录音功能操作

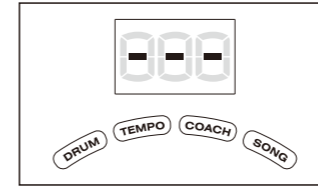
播放录音

按[PLAY]键播放录音。



再次按[REC]键退出录音模式，录音自动保存并回到DRUM模式。

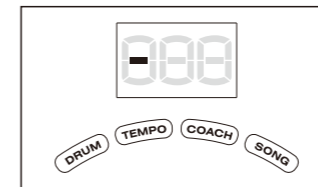
任意模式下按[REC]键录音功能开启(REC键灯亮) 屏幕显示如图:



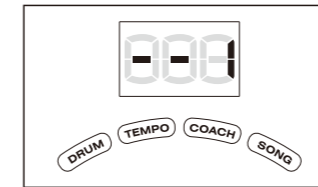
注：待录状态下屏幕0.5秒闪烁一次。

录音操作

1. 敲击鼓盘或镲片开始录音，录音状态下屏幕呈跑马灯状态闪烁，如下图：

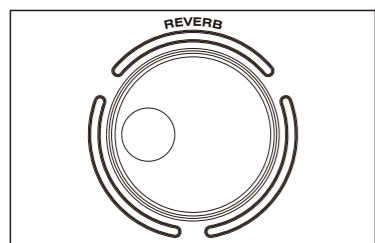


2. 当再次按下[REC]键或停止打击5秒，录音将停止。



注：每次开始新的录音会自动覆盖掉上一次的录音。

ONE KNOB用于调节混响深度



Reverb 混响

转动编码器，混响指示灯会亮起，每一个灯条代表一种混响效果。所在灯越满，混响效果越大。

注意：本机所有参数调节后会自动保存，按住 [M] 键和 [REC] 键开机，机器所有参数恢复到初始值，录音也将被清除。

显示： 三位LED数码管
鼓组： 20套鼓组（厂家预置鼓组）
鼓曲： 10首鼓曲
录音： 1组
CLICK： 拍数、节奏、速度、音量
MIDI功能： USB-MIDI,自动电脑识别
效果器种类： COMPRESS
触发器： 3TOM(单触发)、1SNARE（双触发）、1HIHAT（双触发，仅支持止音）、1CRASH(双触发)、1RIDE(双触发)
接口： 耳机接口、电源接口、USB MIDI、AUX IN、OUTPUT
电源： DC 9V 外正内负 (⊖→⊕) 工作电流145mA
整机净重： 12.5KG

MIDI 执行列表

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

套鼓组名称

01	Standard	11	Rock
02	Studio	12	Flame
03	Nervous	13	Ancient
04	Rokokit	14	Drive
05	Jazz 1	15	Old
06	Jazz 2	16	Drumline
07	Blast	17	Tape 808
08	Sonor	18	Tape 909
09	Slamin	19	Dancehall
10	Metal	20	Folk Music

有关产品中所含有害物质的说明

本资料就本公司产品中所含的特定有害物质及其安全性予以说明。

本资料适用于2007年3月1日以后本公司所制造的产品。

环保使用期限



此标志适用于在中国国内销售的电子信息产品，表示环保使用期限的年数。所谓环保使用期限是指在制造日起的规定的期限内，产品中所含的有害物质不致引起环境污染，不会对人身、财产造成严重的不良影响。环保使用期限仅在遵照产品使用说明，正确使用产品的条件下才有效。不当的使用，将会导致有害物质泄漏的危险。

产品中有毒有害物质或元素的名称及含量

部件名称	有害有毒物质或元素					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬(Cr(VI))	多溴联苯(PBB)	多溴二苯醚(PBDE)
外壳(壳体)	×	○	○	○	○	○
电子部件(印刷电路板等)	×	○	×	○	○	○
附件(电源线、交流适配器等)	×	○	○	○	○	○

○：表示该有害有毒物质在该部件所有均质材料中的含量均在SJ/T11363-2006 标准规范的限量要求以下。
 ×：表示该有害有毒物质至少在该部件的某一均质材料中的含量超出SJ/T11363-2006 标准规定的限量要求。
 因根据现有的技术水平，还没有什么物质能够代替它。

质量承诺

亲爱的 **NUX** 用户，在您使用本产品时，请仔细参阅产品说明书，当您有疑问和困难时，请拨打售后服务热线：
400-990-9866

- 一周内出现质量问题可退货退款
- 一月内出现质量问题可调换
- 一年内出现质量问题可免费维修
- 终身享有咨询和维修服务

* 请向销售商索取有效购买凭证并予以保存。

换修政策

一、包换政策：

- 消费者自购机之日起1个月之内，在正常使用情况下，出现非人为的产品性能故障，且产品外观及包装保持完好的可向所购机的经销商换机。
- 消费者在换机时应出示由经销商开出的购机收据及保修卡，否则经销商可以不予更换。

二、保修政策：



产品在购买之日起1年内，可免费享有维修服务；对于超过1年的产品及人为或不可抗力因素造成损坏的产品，我司可提供有偿维修服务。

中国制造

USING THE UNIT SAFELY

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

About ⚠️WARNING and ⚠️CAUTION Notices About the Symbol

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

ALWAYS OBSERVE THE FOLLOWING

⚠️WARNING

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

⚠️WARNING

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

⚠️WARNING

- Immediately turn the power off, remove the AC adaptor from the outlet, and request servicing by your retailer, the nearest Cherub Service Center.

The AC adaptor or the power-supply cord has been damaged; or
 If smoke or an unusual odor occurs
 Objects have fallen into, or liquid has been spilled onto the unit; or
 The unit has been exposed to rain (or otherwise has become wet); or
 The unit does not appear to operate normally or exhibits a marked change in performance.

- In households with small children, an adult should provide supervision until the child is capable of following all the rules essential for the safe operation of the unit.

- Protect the unit from strong impact. (Do not drop it!)

- Do not force the unit's power-supply cord to share an outlet with an unreasonable number of other devices. Be especially careful when using extension cords. The total power used by all devices you have connected to the extension cord's outlet must never exceed the power rating (watts/amperes) for the extension cord. Excessive loads can cause the insulation on the cord to heat up and eventually melt through.

- Before using the unit in a foreign country, consult with your retailer, the nearest Cherub Service Center.

⚠️CAUTION

- The unit and the AC adaptor should be located so their location or position does not interfere with their proper ventilation.

- Always grasp only the output plug or the body of the AC adaptor when plugging into, or unplugging from, this unit or an outlet.

- Any accumulation of dust between the AC adaptor and the power outlet can result in poor insulation and lead to fire. Periodically wipe away such dust with a dry cloth. Also, disconnect the power plug from the power outlet whenever the unit is to remain unused for an extended period of time.

- Try to prevent cords and cables from becoming entangled. Also, all cords and cables should be placed so they are out of the reach of children.

- Never climb on top of, nor place heavy objects on the unit.

- Never handle the AC adaptor body, or its output plugs, with wet hands when plugging into, or unplugging from, an outlet or this unit.

- If you need to move the instrument, take note of the precautions listed below. Make sure to have a firm grip, to protect yourself from injury and the instrument from damage. Check to make sure that the clamp that fixes the unit to the stand has not become loose. Fasten them again securely whenever you notice any loosening. Disconnect the power cord. Disconnect all cords coming from external devices.

- Before cleaning the unit, turn off the power and unplug the AC adaptor from the outlet.

- Whenever you suspect the possibility of lightning in your area, disconnect the AC adaptor from the outlet.

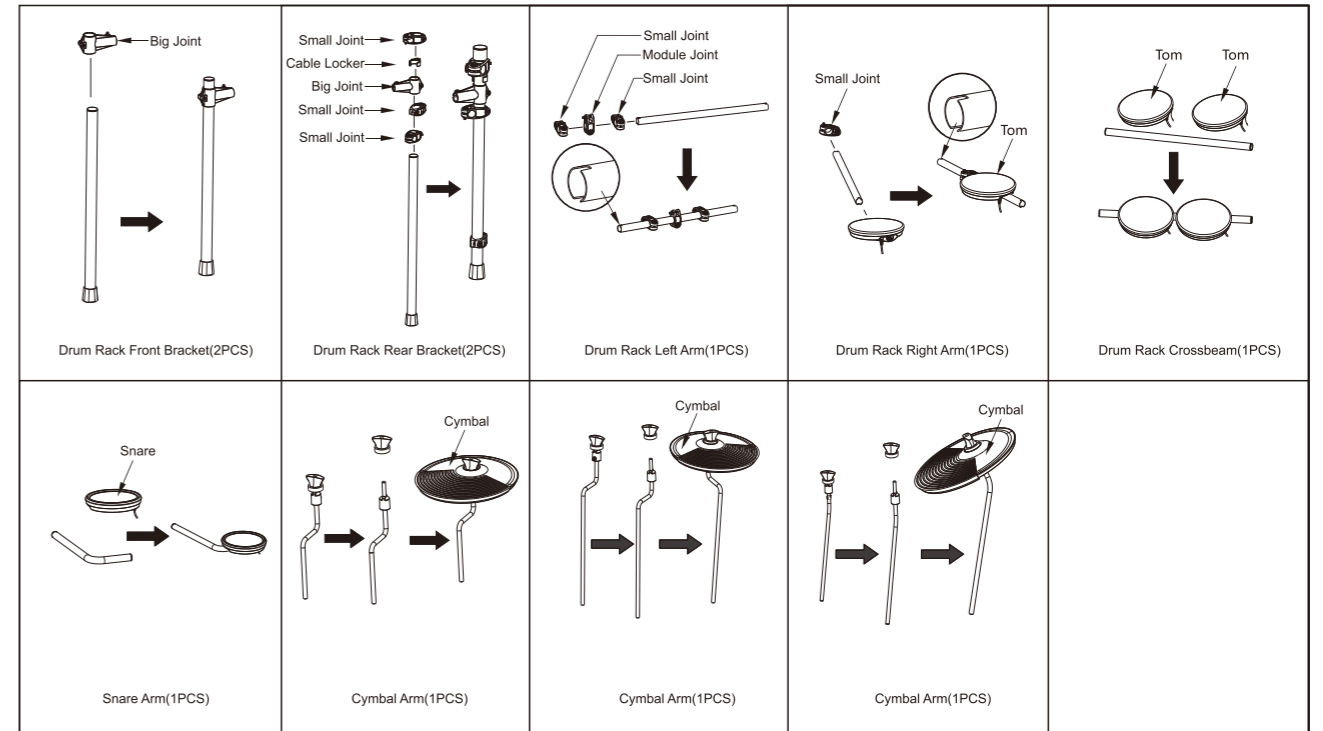
- Should you remove security screws, make sure to put them in a safe place out of children's reach, so there is no chance of them being swallowed accidentally.

CONTENTS

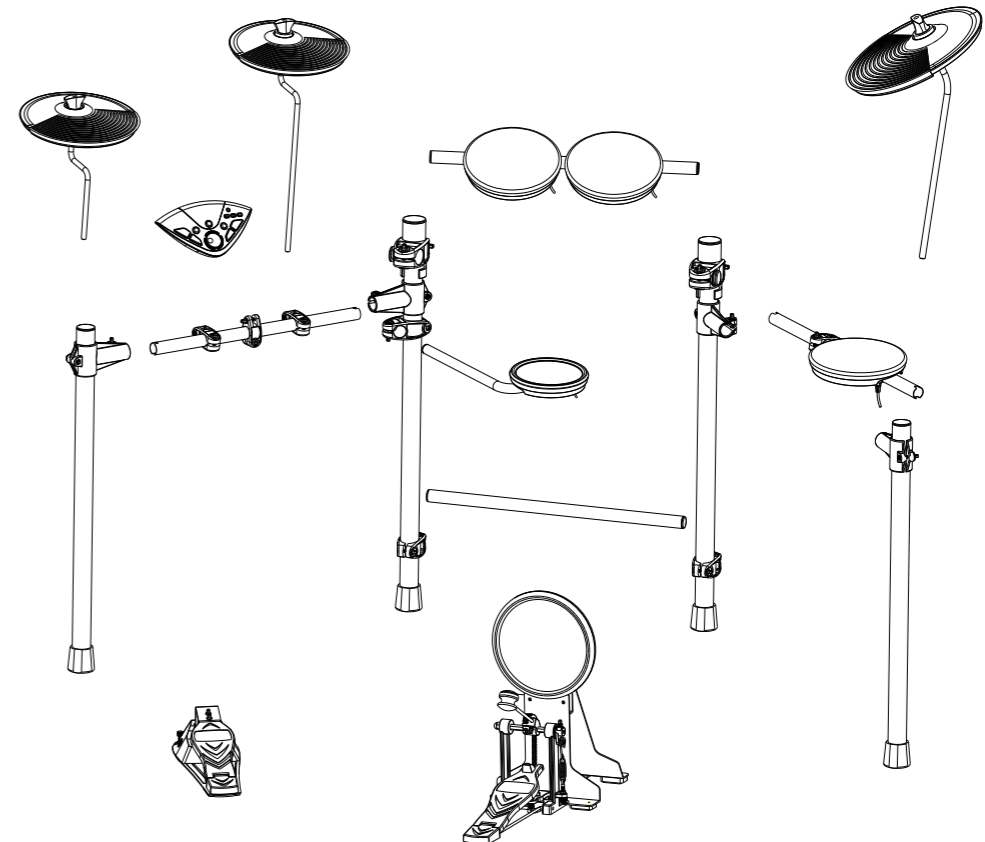
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ASSEMBLY DIAGRAM

Install different part

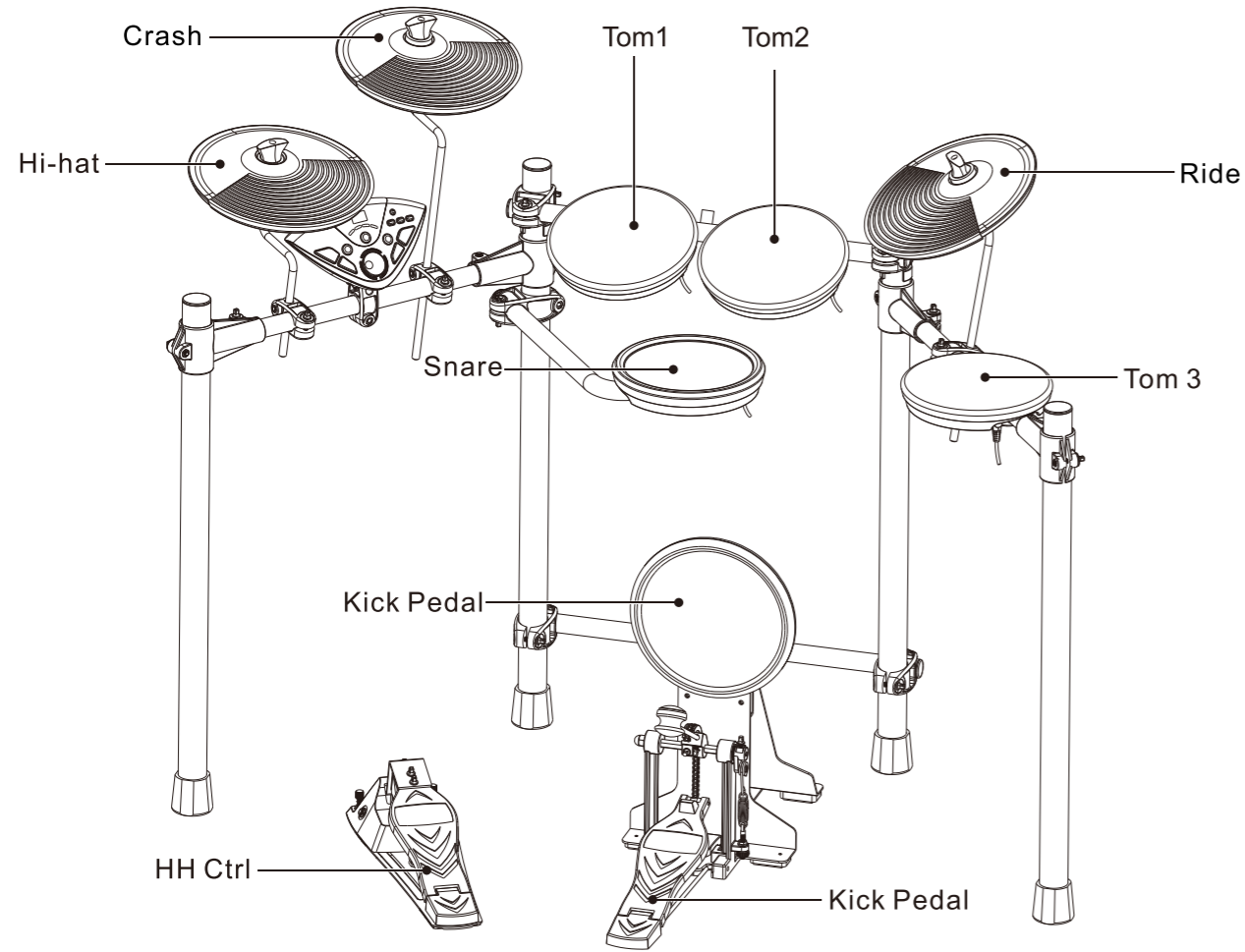


Final assembly

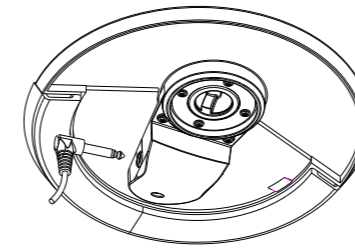


NOTE : Hi-hat control pedal and kick pedal are different; please check the label on the rear side before setting up the drum set.

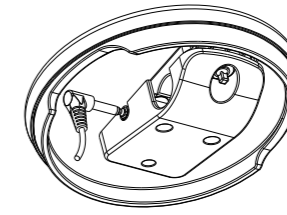
Finish



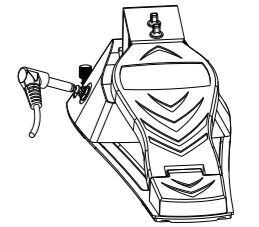
Connecting Data Cable



Connecting Cymbal



Connecting Drum Pad



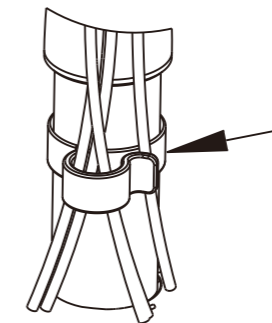
Connecting Pedal

Data Cable and Component relationship

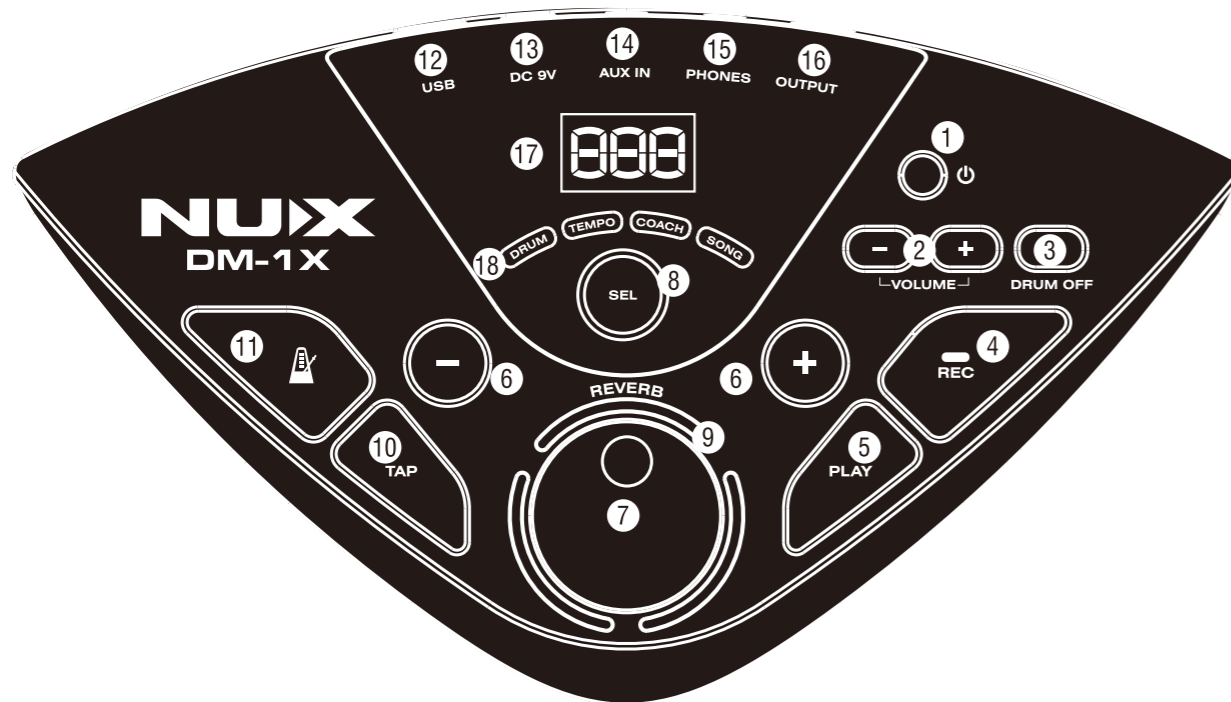
Data Cable	Component
Gray mono cable	Kick
Blue mono cable	Hi-hat control
White two-channel cable	Hi-hat
Red two-channel cable	Crash
Green two-channel cable	Ride
Black mono cable	Tom3
Purple mono cable	Tom2
Orange mono cable	Tom1
Yellow two-channel cable	Snare

Fasten cables

Please fasten all cables with the provided cable clips as show in the below illustration.



PANEL AND INTERFACE



1. Power Button

Turning ON/OFF DM-1X.

2. Volume button

Press +/-Volume button to adjust the pad's volume.

3. Drum Off button

Turn on or off demo songs.

4. REC button

Press REC to enter recording function.

5. Play button

Play/ Stop recording or demo songs.

6. + - button

Press +/- to switch drum kits or adjust the pad's parameter.

7. OneKonb coder

To change or adjust effect.

8. SEL button

Press SEL to select modes which included four modes.

9. Effect light

Display current effect.

10. TAP Button

Press the TAP key to pick up the current speed.

11. Metronome Button

Press the Metronome button to start or stop the metronome mode or the coach mode.

12. USB

connect to computer.

13. DC IN Jack

Connect the 9V DC adaptor here.

14. AUX IN Jack

For connecting an external audio source such as MP3 or phone player.

15. PHONES jack

Connect your stereophonic headphones.

16. OUTPUT jack

Output mono signal.

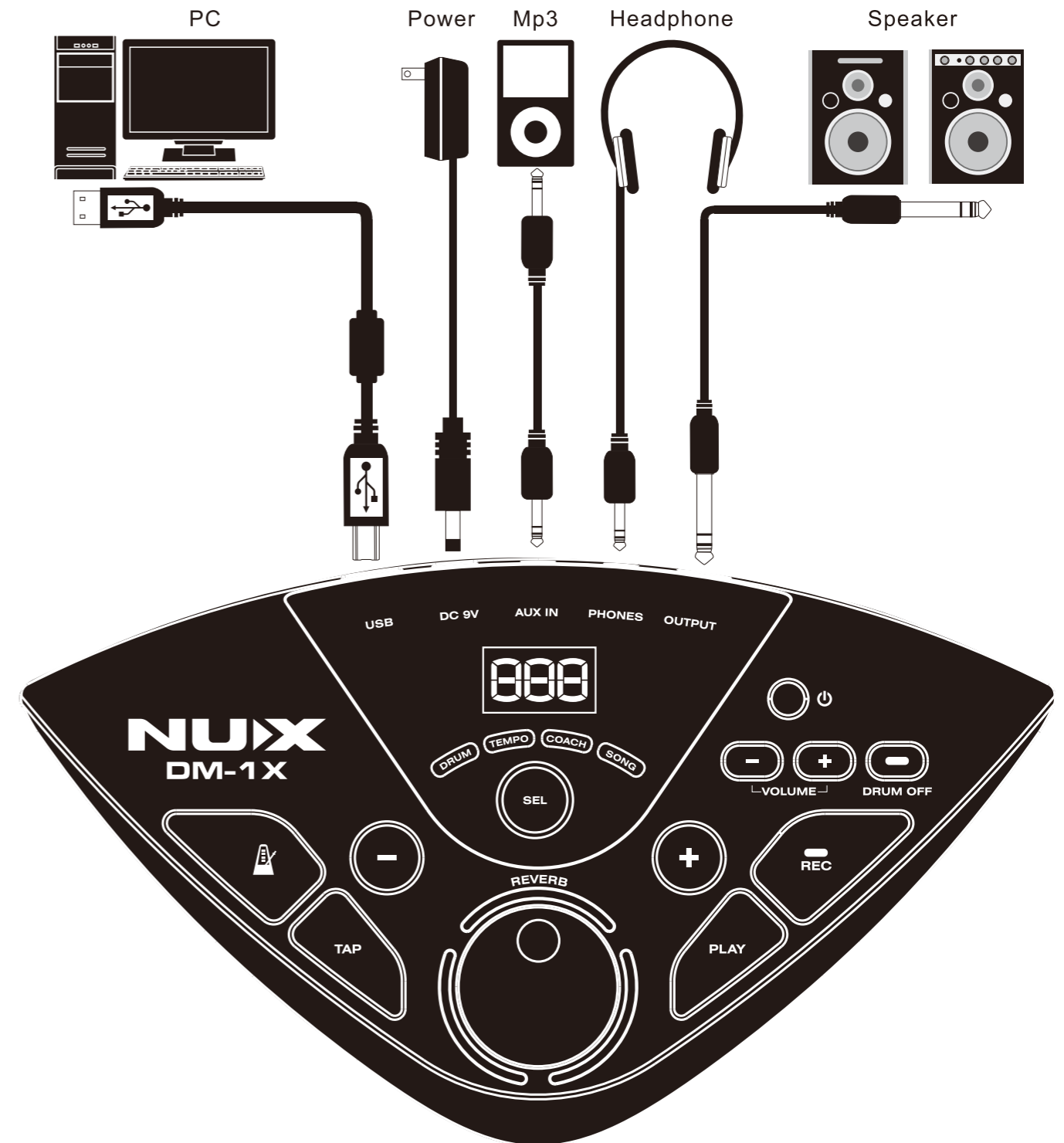
17. LED Display

Shows the drum kit number and metronome tempo etc.

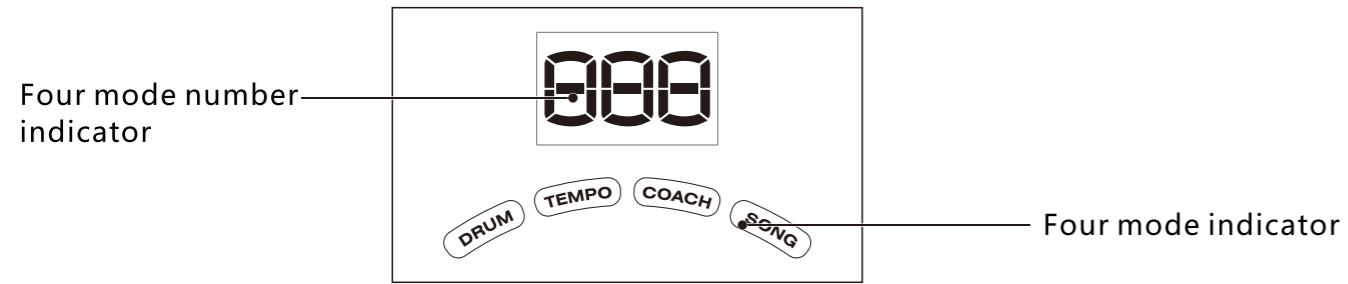
18. Mode lights

Show the current operation mode.

CONNECTION



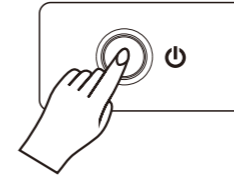
NOTE: To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.



Turn ON/OFF the Power

* Turn ON

1. Turn the VOL knob to the minimum.
2. Adjust the volume of the connected amp or audio system to the minimum.
3. Long press the power button to turn on.



Turn on screen display



* Turn OFF

1. Turn the volume of DM-1X and external equipments to the minimum.
2. Power off the external equipment.
3. Long press the power button to turn off.

* You may still hear some sound when the power is switched on, this is normal, and does not indicate a malfunction.

After power on, LCD will display drum kit number and name.



NOTE: 01 Drum Kit Number;
Drum Drum kit name.

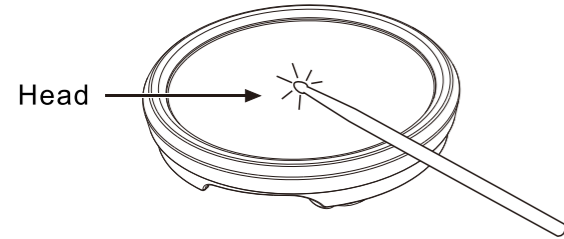
4. While hitting a pad, gradually turn the VOL knob toward the right to adjust the volume.

DM-1X Playing method

* Snare

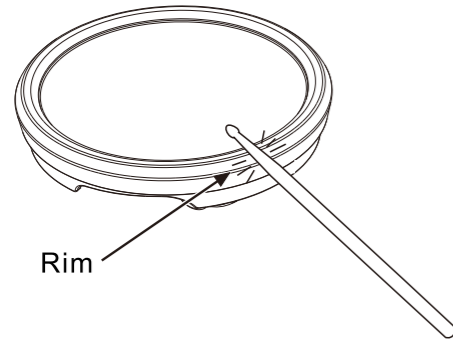
Head Shot

Hit only the head of the pad.



Open Rim Shot

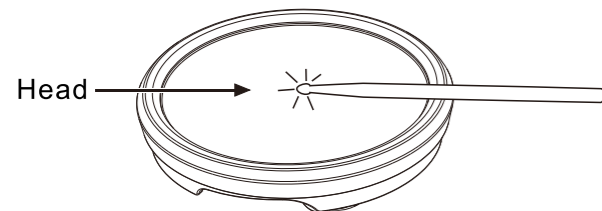
Strike the rim of the pad.



* Tom

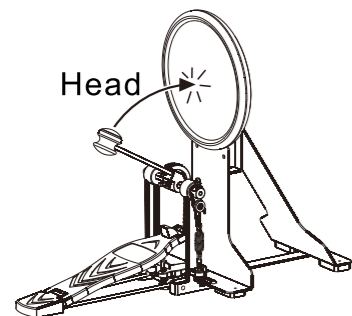
Head Shot

Hit only the head of the pad.



* Kick

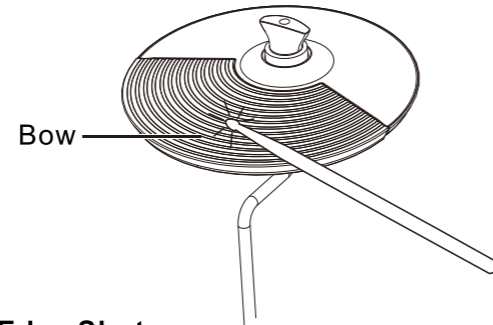
Strike down the bottom drum pedal.



* Crash Ride

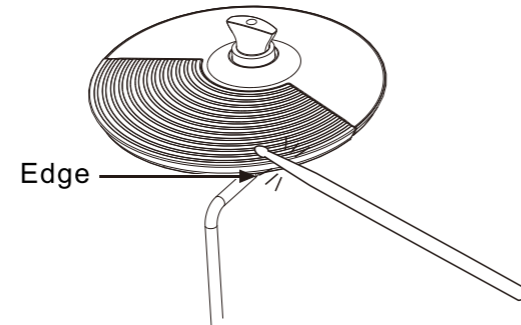
Bow Shot

Hit the middle area of the cymbal.



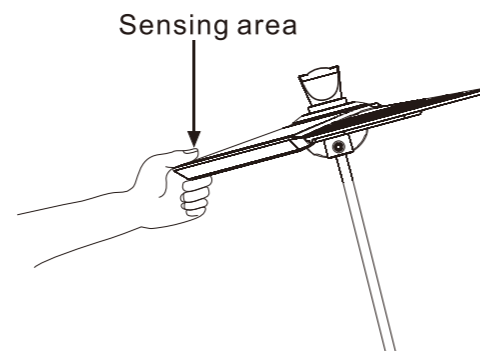
Edge Shot

Strike the edge with the shoulder of the stick.



Choke a Cymbal

Pinch the cymbal's edge immediately after hitting the cymbal will choke the sound, just like with a real cymbal. The Choke function only works when you grasp in the sensing area.



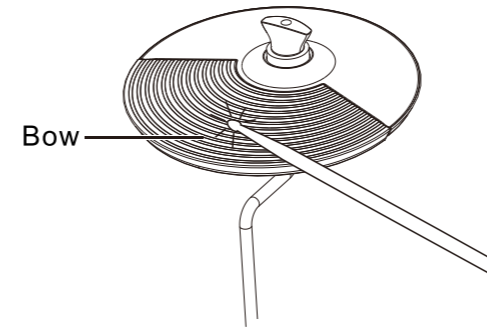
* Hi-hat

Open/Closed

The hi-hat sound will change smoothly between open and closed depending on pressure applied to the hi-hat control pedal. Foot closed and foot splash sounds are possible.

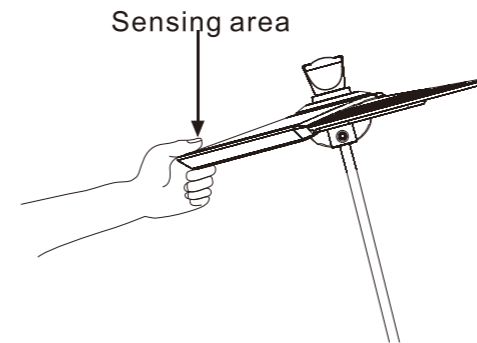
Bow Shot

Hit the middle area of the hi-hat pad.

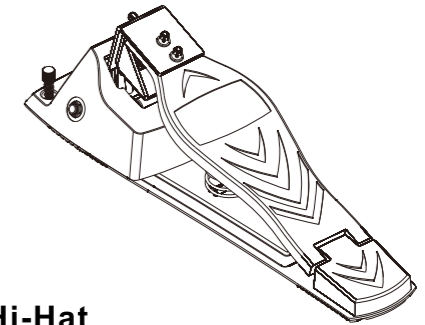


Choke a Cymbal

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



* Hi-Hat Control Pedal



Open Hi-Hat

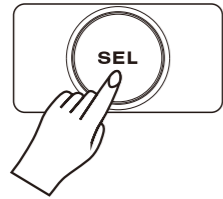
Strike the hi-hat without pressing the pedal.

Closed Hi-Hat

Strike the hi-hat with the pedal pressed.

MODE SELECTION OPERATION

1. Press [SEL] to choose DRUM, TEMPO, COACH, SONG mode, the selected mode would be lighted.



2. There are four picture show four modes : DRUM, TEMPO, COACH, SONG.



DRUM



TEMPO



COACH



SONG

DRUM KIT OPERATION

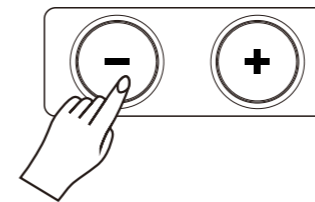
Selecting a Drum Kit

When you select DRUM mode, the display shows:



DRUM

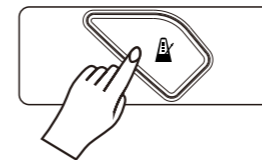
1. Press the [-] [+] buttons to select a drum kit.



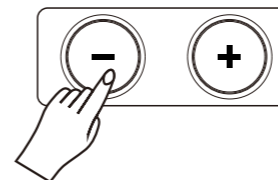
2. There are 20 drum kits in DRUM mode, from number 01 to 20.

Adjusting the Pad Sensitivity and changing MIDI Note Number of the Pad

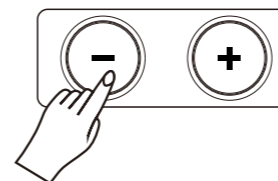
1. Press and hold the [A] button to enter the DRUM parameter adjustment. The DRUM mode indicator and the "Metronome" indicator flash.



2. Press the [SEL] key to select the parameter you want to adjust, and press the [-] and [+] keys to adjust the parameter value.



3. Press [-] and [+] keys to adjust the parameter value. The adjustable range is as follows.



Parameter	Range
anti-crosstalk[C32]	0 - 80
MIDI Channel[P10]	1 - 16
Sensitivity	S0.1 - S3.2
RIM gain	Display r—without rim parameters. Display r1.0 with rim, range r0.1-r3.2

4. The value of the pads from 0.1-3.2, you can press [-] [+] buttons to choose different midi note.

Drum name	Midi note
Kick	36
Snare	38
Snare rim	40
Tom1	48
Tom2	45
Tom3	41
Ride bow	51
Ride edge	59
Crash bow	49
Crash edge	55
Hihat open	46
Hihat closed	42
Hihat pedal	44

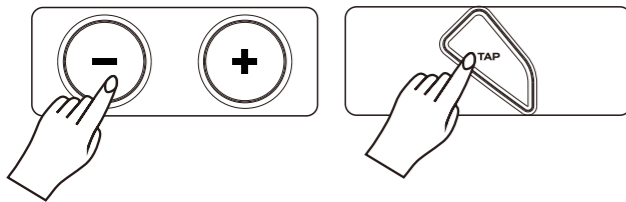
METRONOME TEMPO FUNCTION

Metronome mode

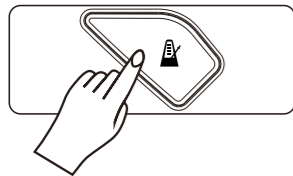
1. Press [SEL] to choose TEMPO mode, the display shows:



2. In TEMPO mode, press [-][+] button or [TAP] button to adjust TEMPO.



3. Press [M] button to turn ON/OFF metronome.

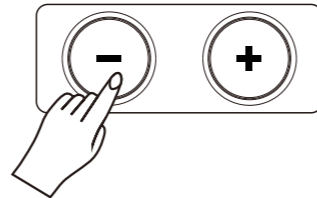


Screen Display	Value	Description
	40-240	Setting the tempo of metronome (And the tempo of demo songs)

Parameter editing

1. In Tempo mode, long-press the [M] Metronome button. The metronome sounds.

2. Use the [SEL] button to select the item (parameter) that you want to change, and use the [-][+] buttons to change its settings.



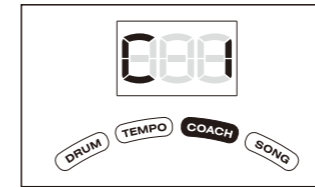
	Adjust Beat value
	Adjust Rhythm type
	Adjust the volume

3. Press [M] button to complete the settings.

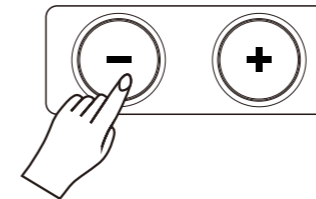
Parameter	Display	Explanation
Beats		Sets the number of beats
Rhythm type	(Quarter notes)	Sets the beat unit
	(Eighth notes)	
	(Eighth note triplets)	
	(Sixteenth notes)	
Volume		Sets the volume

COACH FUNCTION

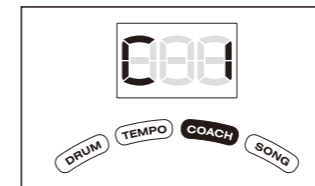
1. Use the [SEL] button to select Coach Mode.



2. Press the [-][+] buttons to select a practice menu C1-C6.



* (C 1) Time Check (Easy)

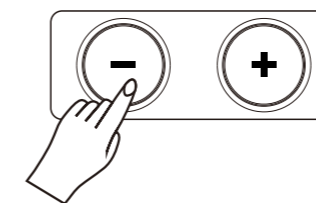


Long-press the [M] button to enter the C1 setting mode.

When you enter the C1 setting mode, the display shows:



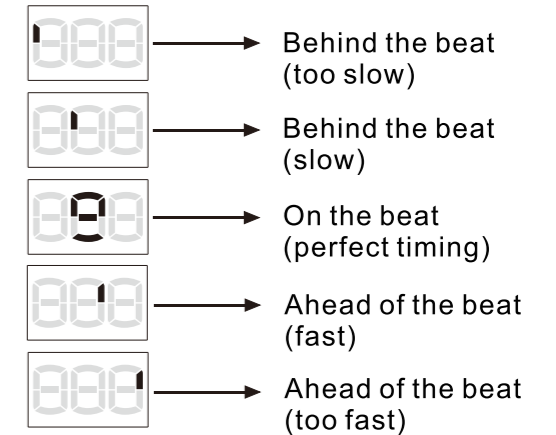
1. Press the [-][+] buttons to change the value.



Display	Explanation
	No scoring
	Specify the number of measures that are scored. The score result is shown in the display. *A two-measure count-in is inserted when you start.
.....	

2. Press [M] button to start practicing. A two-measure count-in is inserted when you start.

3. Strike the pad in time with the metronome. The display will indicate whether your pad strikes match the beat sounded by the metronome.



4. Time Check automatically ends, and the results will appear in the display.

* (C 2) Change up

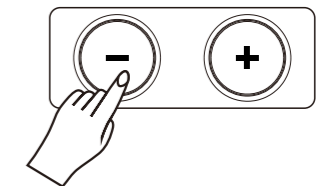


The rhythm type will change every two measures. Starting from half notes, the note values will gradually become shorter, and will then return to half notes; this change in rhythms will be repeated.

1. Press [M] button to start practicing.

2. Strike the pad in time with the metronome. The display shows the tempo while you practice.

* You can use the [-][+] buttons to adjust the tempo even while you practice.



3. Press [M] button to return to the Coach Mode menu screen.

COACH FUNCTION

4. No parameter settings, original default rhythm is:



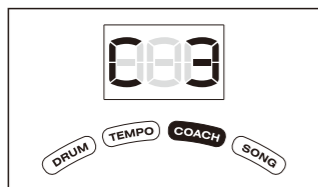
(r4 means Quarter notes, R8 means Eighth notes, r83 means Eighth note triplets, r16 means Sixteenth notes.)

5. Changing rhythm practice measures.

- Long press [] button, the light of Coach will flash.
- Press [-][+] buttons to change the value of measures.

Display	Explanation
	Initial setting: the rhythm of the metronome changes at intervals of four measures.
.....	
	The value of adjusting measure from 1 to 8.

* (C 3) Auto Up/Down



The metronome increases and decreases tempo over time, to help develop stamina and endurance. The tempo will increase in steps for each beat until the metronome reaches the upper limit, then the tempo will continue slowing down in steps until it reaches the initial tempo. This cycle will repeat.

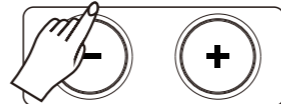
- Press the [] metronome button to start practicing.
- Strike the pad in time with the metronome.
 - In initial setting, the default minimize is 100, the default maximize is 150.
 - While practicing, you can press the [-] button to specify the current tempo as the upper limit, it decrease at 10 per time, the minimum range from 40 to 140, when the current tempo as the lower limit(40); If you press the [-] button, the lower tempo limit return to 140.
 - While practicing, you can press the [+] button to specify the current tempo as the upper limit, it decrease at 10 per time, the maximum range from 40 to 140, when the current tempo as the upper limit (240) ; If you press the [+] button, the upper tempo limit return to 150.

In C3 mode, long press [] button to enter C3 setting mode, this display shows:



Specifying the pattern of rhythm change

- Long-press [] button, the light of coach will flash.
- Press the [-][+] buttons to change the value.



Display	Explanation
	The volume of the metronome changes at intervals of one measure.
	The volume of the metronome changes at intervals of two measures.
	For the first three measures, the metronome sounds at the specified volume; for the next measure, the volume is increased or reduced.
	For the first four measures, the metronome sounds at the specified volume; for the next measure, the volume is increased or reduced.

* (C 4) Quiet Count



The practice will help you develop a good sense of time/tempo.

The metronome alternates between "sounding and not sounding" at every four measures, and the cycle will repeat.

- Press the [] button to start practicing.
- Strike the pad in time with the metronome.
 - The metronome sounds during the first few measures.
 - The metronome does not sound on subsequent measures. Continue striking the pads during this time.
 - The metronome sounds again, the value

COACH FUNCTION

indicates from 0-100 which you played at an accurate tempo.

*You can use the [-][+] buttons to adjust the tempo even while you practice.

- Press the [] button to return to the coach mode menu screen.



- Press [] button to return to the Coach mode menu screen.
- Initial setting: the metronome alternates between "sounding and not sounding" at every four measures.

Setting measures of mute practice

- Long press [] metronome button, the light of Coach will flash.
- Press [-][+] buttons to change the value of measures.

Display	Explanation
	Initial setting: The metronome alternates between "sounding and not sounding" at every four measures. The value of changing measure from 1 to 8.
.....	

* (C 5) Tempo Check



This menu lets you practice playing at a steady tempo without relying on the tempo sounded by the metronome.

- Press the metronome button to start practicing.
 - Strike the pad in time with the metronome. Please strike the pads at a constant tempo.
 - The more your tempo becomes accurate, the softer the metronome volume will become.
 - The metronome volume will increase if the tempo of your pad strikes begins to drift. The more your tempo drifts, the louder the metronome will become.
 - Strike the pads with an accurate timing that matches the tempo of the metronome.
- * You can use the [-][+] buttons to adjust the tempo even while you practice.
- * If the tempo of your strikes is significantly inaccurate, it may be impossible to precisely determine the amount of inaccuracy.

* (C 6) Stroke Balance



This practice lets you reduce the volume discrepancy between your right and left hands, so that the sound is more consistent. The display shows the strength of your strikes.

- Press the [] button to start practicing.
- Strike the pad in time with the metronome. The strength of your strikes on the pad is shown in the display.

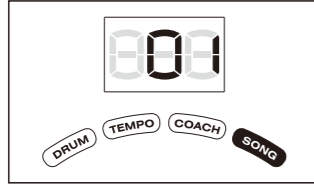
*You can use the [-][+] buttons to adjust the tempo even while you practice.



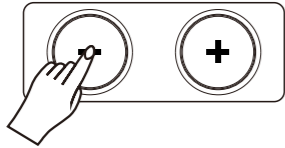
- Press the [] button to return to the coach mode menu screen.

Enter to SONG mode

Enter to SONG mode, the display shows:



1. In the song mode, press [-] [+] buttons to select a song.



2. There are 10 practice songs in the SONG mode, the name from 01 to 10.
3. Press [PLAY] button to play Demo songs, press [DRUM OFF] button to remove the sound of drum.

SONG mode Parameter setting

Long press [] button to enter the settings of song, the light of song LED will flash, press [SEL] button to choose changing music volume or music tempo.

1. Press [-] [+] buttons to adjust the volume of music from L0 to L10.
2. Press [-] [+] buttons to adjust music tempo and tempo of metronome.

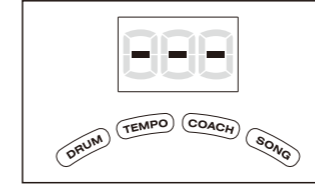


Set speed



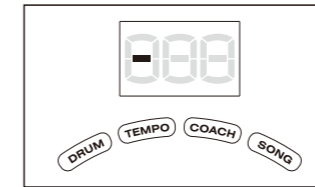
Set volume

Press [REC] button, and the DM-1X will enter recording-standby mode, in the time, the light will be flashed. This picture shows as recording-standby mode situation, the screen light flash every 0.5 s. Press [PLAY] button to PLAYBACK the song which have been recorded.



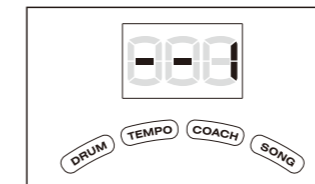
When start the recording, the display shows as followed picture. In recording mode, the screen light flashes every 0.5 s. To stop recording, press [REC] button again to stop recording.

When recording, if no drum signal input for more than 5s, it will stop recording and displays COMPLETE.



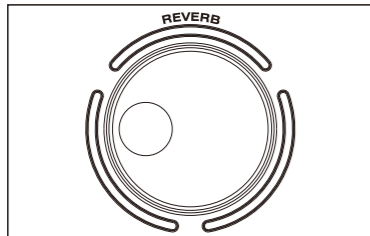
This picture shows the situation when you have completed the recording, press [PLAY] button to play recording song. Recording again it will automatically delete the existed recording song.

Press [REC] button to exit recording mode, recording song will save automatically and machine come back to DRUM mode.




PLAYING WITH ONEKONB EFFECT

Use ONE KNOB to adjust the reverb



Reverb

Turn the dial to light up, every lighting area means a kind of reverb, the lighting area is larger, the reverb effect is stronger.

NOTE: The machine save settings automatically, press [] button and REC to turn on, the settings come back to initial value and the existed recording will be deleted.

SPECIFICATIONS

Display: LED display

Drum kits: 20 kits (factory set)

Recording: 1

CLICK: adjust metronome sound, speed, tempo and volume

Midi Function: USB-MIDI

Effect types: Compress

Jack: AUX-in, Power Jack, USB MIDI, OUTPUT, Earphone

Trigger: 3 x Tom (Single), 1 Snare (double), 1 HI-Hat(double,) 1 crash(double) 1 ride(double)

Power Supply: DC 9V Negative tip 145mA current draw (⊖→⊕)

Net Weight: 12.5KG

MIDI IMPLEMENTATION CHART

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

DRUM SET NAME

01	Standard	11	Rock
02	Studio	12	Flame
03	Nervous	13	Ancient
04	Rokokit	14	Drive
05	Jazz 1	15	Old
06	Jazz 2	16	Drumline
07	Blast	17	Tape 808
08	Sonor	18	Tape 909
09	Slamin	19	Dancehall
10	Metal	20	Folk Music

THE FCC REGULATION WARNING (for U.S.A.)

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.

CE mark for European Harmonized Standards

CE Mark which is attached to our company's products of Battery mains the product is in fully conformity with the harmonized standard(s) EN 61000-6-3:2007+A1:2011 & EN 61000-6-1:2007 Under the Council Directive 2004/108/EC on Electromagnetic Compatibility

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Made in China