

# MUGER

# POGO

Portable Guitar Effects

## Owner's Manual

### Precautions

**\* PLEASE READ CAREFULLY BEFORE PROCEEDING \***

#### Power Supply

Please connect the designated AC adapter to an AC outlet of the correct voltage. Please be sure to use only an AC adapter which supplies 9V DC, 300 mA, center minus. Unplug the AC power adapter when not using or during electrical storms.

#### Connections

Always turn off the power of this and all other equipments before connecting or disconnecting, this will help prevent malfunction and / or damage to other devices. Also make sure to disconnect all connection cables and the power cord before moving this unit.

#### Location

To avoid deformation, discoloration, or other serious damage, do not expose this unit to the following conditions:

- Direct sunlight
- Heat sources
- Magnetic fields
- Extreme temperature or humidity
- Excessive dusty or dirty location
- High humidity or moisture
- Strong vibration or shock

#### Interference with other electrical devices

Radios and televisions placed nearby may experience reception interference. Operate this unit at a suitable distance from radios and televisions.

#### Cleaning

Clean only with a soft, dry cloth. If necessary, slightly moisten the cloth. Do not use abrasive cleanser, cleaning alcohol, paint thinners, wax, solvents, cleaning fluids, or chemical-impregnated wiping cloths.

#### Handling

Do not apply excessive force to the switches or controls. Do not let paper, metallic, or other objects into this unit. Take care not to drop the unit, and do not subject it to shock or excessive Pressure.

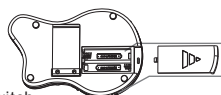
### Main Features

- 5 Effects Modules & 15 Effects Types
- 16 Preset Patches & 16 User Patches
- 40 Drum Rhythms and Tuning Function
- 1/8" Phones Jack & 1/8" AUX In Jack
- DC 9V Adapter or AAA/LR03 battery (x2) power supply

### Power On

#### Power On

Plug the cable of AC Adapter (9V, 300mA, center minus) into the [DC 9V] Jack, or using batteries (AAA/LR03 x 2), then use the POWER Switch to turn the device on.



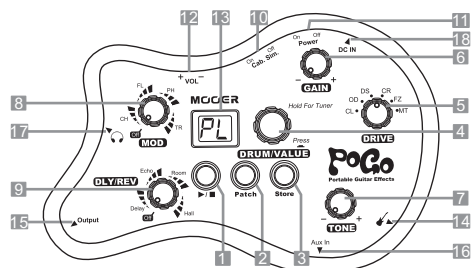
For installing batteries.

DC IN

power switch

*Note: When the batteries are getting low, the display will show "Lb" to indicate this situation.*

### Panel Instruction & Basic Operation



- 1. PLAY/STOP Button with LED:** Press this button to start/stop the drum rhythm. When the drum rhythm is playing, the LED will be lit up.
- 2. Patch Button with LED:** Press this button to enter/exit Patch status. When entering Patch status, the LED will be lit up.
- 3. Store Button:** Press this button to store patch, press again to confirm.
- 4. DRUM/VALUE Knob with Button:** Press the button to switch between 3 Drum items and Play/Patch status. Rotate this knob to select Drum parameters/Patches. Hold the button to enter tuner.
- 5. DRIVE Switch:** Select effects between Clean/Overdrive/ Distortion/Crunch/Fuzz/Metal.
- 6. GAIN Knob:** Adjust the gain of the DRIVE effects.
- 7. TONE Knob:** Adjust the brightness of the sound.
- 8. MOD Knob:** Select Modulation effects (between Chorus/ Flanger/Phaser/Tremolo) and adjust modulation rate (turn clockwise to increase).
- 9. DLY/REV Knob:** Select Delay/Reverb effects (between Digital Delay/Echo Delay/Room Reverb/Hall Reverb) and adjust delaytime or reverb level (turn clockwise to increase).
- 10. Cab. Sim. Switch:** Turn on/turn off the Cabinet Simulator, the Cab.Sim. will bring more dynamics to your sound when using headphones.
- 11. POWER Switch:** Turn on/turn off the power.
- 12. VOL Dial:** Control the output volume.
- 13. Display:** Instruct the operation information of POGO.
- 14. INPUT Jack:** 1/4" mono audio jack, for connecting guitar.
- 15. OUTPUT Jack:** 1/4" mono audio jack, for connecting guitar amplifier.
- 16. AUX In Jack:** 1/8" stereo audio jack, for connecting external music players.
- 17. PHONES Jack:** 1/8" stereo audio jack, for connecting headphones.
- 18. DC IN Jack:** For power supply, use a 9-volt DC regulated AC adapter, 300mA (plug polarity is positive on the barrel and negative in the center).

### Detailed Functions

#### Play

##### PLAY Mode

After power on, POGO will enter PLAY Mode, LED screen displays [PL]. In PLAY mode, the effects of guitar sound is according to all the knobs and switches on the device, what you see is what you get.

#### Patch

##### Enter Patch Mode

In PLAY Mode, press [Patch] button to enter Patch mode (Patch button's LED will be lit up). [R0] will display on the LED screen, "R" is a Patch Bank and "0" is the patch number, each bank has 4 patches. POGO has 16 Preset Patches (Bank 0~3) and 16 User Patches for editing (Bank R~d).

#### Selecting Patches

In Patch Mode, rotate [DRUM/VALUE] Knob clockwise to select patches forward. Rotate [DRUM/ VALUE] Knob anticlockwise will switch patches in the opposite order.

#### Storing/Copying Patches

Press [Store] button once, the patch's number (eg. [R0]) will display on the LED and begin to flash, rotate [DRUM/VALUE] to change the patch number, when you got the expectant position, press [Store] button again to confirm the patch storing, the patch's number on the display will stop flashing.

*Note: To cancel the store process, press [Patch] or [DRUM /VALUE] button, well then the patch will not be saved.*

*Note: An edited patch can be stored in a user bank (R ~d), it can not be stored in a preset patch (0 ~ 3).*

*Note: Storing an existing patch in another location can create a copy.*

*Note: In Patch Mode, you can't adjust the parameters in real-time, adjust any knob or switch (except POWER Switch and VOL Dial) will not change the current effects.*

### Drum Rhythm

#### Start/Stop Drum Rhythm

Press [Play/Stop] button will start the drum rhythm ([Play/ Stop] button's LED will be lit up). When the rhythm is playing, press [Play/Stop] button again to stop.

#### Selecting Drum Rhythm Types

Press [DRUM/VALUE] button to enter Drum status, LED screen will show the rhythm type firstly, then rotate the [DRUM/VALUE] knob to select the rhythm type (0 ~ 40).

#### Adjusting Drum Rhythm Volume

Press [DRUM/VALUE] button again, LED screen will show the drum rhythm volume, then rotate [DRUM/VALUE] knob to change the rhythm volume (00~09, the default value is 05).

#### Changing Drum Rhythm Tempo

Press [DRUM/VALUE] button twice, the number displayed in LED indicates the tempo of drum rhythm, then rotate [DRUM /VALUE] knob to change tempo. The range of the displaying tempo value is 20~90, indicate the real tempo 60~270 BPM, each rhythm has its own default tempo value.

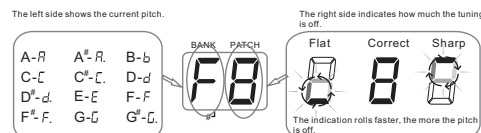
### Tuner

#### Entering Tuning Mode

Hold [DRUM/VALUE] button 2 seconds to enter tuning mode.

#### Tuning

Play one guitar string at a time, and adjust the guitar pitch as LED's instruction.



#### Quit Tuner

When in tuning mode, press [DRUM/VALUE] button to quit tuning state. POGO will return to the previous status.

### Specification

**No. of Effect Modules:** 5 Modules  
**No. of Effect Types:** 15 Types  
**Preset Patch Memory:** 16 Patches (4 Banks, each bank has 4 patches)  
**User Patch Memory:** 16 Patches (4 Banks, each bank has 4 patches)  
**Guitar Input:** 1/4" monaural jack  
**Output:** 1/4" monaural jack  
**Phones:** 1/8" stereo jack  
**Aux In:** 1/8" stereo jack  
**Power requirements:** AC adapter 9V DC(center minus plug), or 2 AAA/LR03 batteries  
**Dimensions:** 128.5mm (W) × 84mm (D) × 45mm (H)  
**Weight:** 160g  
**Accessories:** Owner's Manual, AC adapter 9V DC

*\* Disclaimer: Any specification's update won't be amended in this manual.*

### Appendix

#### Drum Rhythm List

No.	Type	Time Signature	Default Tempo
01	8Beat1	4/4	120 BPM
02	8Beat2	4/4	120 BPM
03	8Beat3	4/4	120 BPM
04	8Beat4	4/4	120 BPM
05	8Beat5	4/4	120 BPM
06	16Beat1	4/4	120 BPM
07	16Beat2	4/4	120 BPM
08	16Beat3	4/4	120 BPM
09	16Beat4	4/4	120 BPM
10	16Beat5	4/4	120 BPM
11	3/4Beat	3/4	120 BPM
12	6/8Beat	6/8	120 BPM
13	Pop	4/4	120 BPM
14	Funk	4/4	108 BPM
15	Hard Rock	4/4	135 BPM
16	Metal	4/4	120 BPM
17	Punk	4/4	162 BPM
18	Hip Hop	4/4	96 BPM
19	Trip Hop	4/4	84 BPM
20	Dance	4/4	120 BPM
21	Break Beat	4/4	156 BPM
22	Drum n' Bass	4/4	180 BPM
23	Blues	4/4	108 BPM
24	Jazz	4/4	120 BPM
25	Swing	4/4	144 BPM
26	Fusion	4/4	120 BPM
27	Reggae	4/4	90 BPM
28	Latin	4/4	135 BPM
29	Country	4/4	114 BPM
30	Bossanova	4/4	120 BPM
31	Rumba	4/4	135 BPM
32	Tango	4/4	120 BPM
33	Polka	4/4	120 BPM
34	World	4/4	108 BPM
35	Metro 2/4	2/4	120 BPM
36	Metro 3/4	3/4	120 BPM
37	Metro 4/4	4/4	120 BPM
38	Metro 5/4	5/4	120 BPM
39	Metro 6/8	6/8	120 BPM
40	Metro	None	120 BPM

# MUGER

# POGO

## 便携式吉他效果器

### 用户手册

#### 注意事项

**\*使用前请仔细阅读\***

#### 电源供应

请使用正确的交流电源插座连接电源变压器。请确认变压器为原装。不使用时或雷雨天请拔下电源。

#### 连接

连接设备或断开连接前，请务必关闭电源及其它设备，这将有助于避免故障和损害其它设备。另外，要确保移动本机前断开所有的连接线和电源线。

#### 放置场所

为防止变形、变色，及其它严重损坏，请避免以下情况：

- 阳光直射
- 热源
- 磁场
- 高温潮湿
- 多尘或不洁的地方
- 湿度较大
- 强烈震动或摇晃

#### 电器干扰

在使用本机时，收音机和电视机可能会造成干扰。使用本机时要远离收音机和电视机。

#### 清洁

请用于干燥柔软的布清洁本机。如有必要，可用稍微湿润的布。切勿使用粗糙的清洁粉、酒精、涂料稀释剂、蜡、溶剂、清洁剂及化学试剂等浸渍抹布。

#### 操作

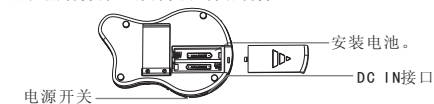
请勿用蛮力使用开关及控制元件。请勿让纸屑、金属制品及其它物体落入机内。注意不要掉落，不要使其受到冲击及过度压力。

### 性能概述

- 5个效果模块，15种效果类型
- 16套预设音色参数，16套用户音色参数
- 40种鼓机节奏及校音功能
- 1/8"耳机接口及1/8"辅助输入接口
- 9V电源供电或2节7号电池供电

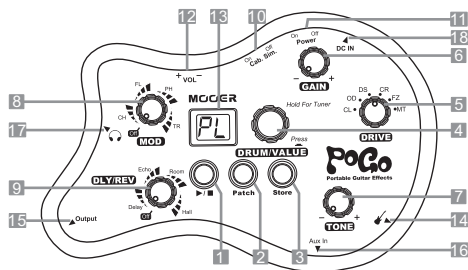
### 开机

将电源连线连接到[DC IN]接口，或者使用电池(两节7号电池)，然后打开电源开关以启动设备。



**注意：**当电池电量过低，会显示[Lb]表示该情况。

### 面板描述及操作说明



- 1. 播放/停止按键与LED灯：**  
按下按键可开启/停止鼓机节奏，当LED灯亮起时表示鼓机开启。
- 2. 音色按键与LED灯：**  
按下按键可进入/退出音色状态，当LED灯亮起时表示音色状态开启。
- 3. 存储按键：**  
按下按键可存储音色，再次按下按键确认存储操作。
- 4. 鼓机/参数值旋钮及按键：**  
在演奏/音色模式按下按键，在可被编辑的三种鼓机参数(节奏型/音量/速度)之间进行切换，旋转旋钮调节鼓机参数/依次切换音色，长按可进入校音功能。
- 5. 失真效果选择旋钮：**旋转旋钮选择失真效果类型(Clean/Overdrive/Distortion/Crunch/Fuzz/Metal)。
- 6. 增益调节旋钮：**调节失真类效果的增益。
- 7. 音色亮度调节旋钮：**调节音色的亮度。
- 8. 周边效果调节旋钮：**旋转旋钮选择周边效果类型(Chorus/Flanger/Phaser/Tremolo)和相应效果的速度(顺时针旋转为增大)。
- 9. 延迟/混响效果调节旋钮：**旋转旋钮选择延迟/混响效果类型(Digital Delay/Echo Delay/Room Reverb/Hall Reverb)以及调节延迟时间/混响效果量(顺时针旋转为增大)。
- 10. 箱体模拟开关：**打开/关闭箱体模拟效果。箱体模拟效果会在使用耳机时使声音更富动态。
- 11. 电源开关：**用以打开或关闭设备。
- 12. 音量拨盘：**调节输出音量。
- 13. 显示屏：**显示POGO的操作信息。
- 14. 输入接口：**连接吉他的1/4"单声道音频接口。
- 15. 输出接口：**连接吉他音箱的1/4"单声道音频接口。
- 16. 辅助输入接口：**  
连接外部音频播放设备的1/8"立体声音频接口。
- 17. 耳机接口：**连接耳机的1/8"立体声音频接口。
- 18. 电源接口：**  
电源供给，使用9V直流变压器(极性为内负外正)。

### 详细功能

#### 演奏

#### 演奏模式

POGO在电源开启后，将进入演奏模式，[PL]会出现在显示屏上。在演奏模式，调节POGO上的每个旋钮和开关都会直接改变吉他音色效果，旋钮及开关的位置就是当前得到的音色参数。

### 音色

#### 进入音色模式

在演奏模式，按下[PATCH]按键将进入音色模式([PATCH]按键的LED灯将会亮起)。[RD]将会出现在显示屏上。"R"表示音色组名，"D"表示音色号。每个音色组都会有4个音色。POGO拥有16个预设音色(D~3组)和16个用户音色(R~d组)。

#### 选择音色

在音色模式，顺时针旋转[DRUM/VALUE]旋钮正向选择音[DRUM/VALUE]旋钮则会反向选择音色。

#### 存储/复制音色

按下[STORE]按键，音色号(例如[RD])将会出现在显示屏上并开始闪烁。旋转[DRUM/VALUE]旋钮选择你想存入音色的位置，然后再次按下[STORE]按键确认存储，此时显示屏上的音色号将停止闪烁。

**注意：**在存储过程中，按下[PATCH]按键或者[DRUM/VALUE]旋钮将会退出存储。

**注意：**编辑好的音色仅能存储在用户音色内(R~d组)，而不能存储在预设音色内(D~3组)。

**注意：**存储一个已经存在的音色到另一个位置，将会复制该音色。

**注意：**在音色模式不能实时改变参数，调节任意旋钮或开关(电源开关及音量拨盘除外)都不会改变当前效果。

### 鼓机

#### 开启/停止鼓机

按下[PLAY/STOP]按键将会开启鼓机([PLAY/STOP]按键的LED灯将会亮起)。当鼓机播放时，再次按下[PLAY/STOP]按键，鼓机将会停止。

#### 选择鼓机节奏类型

按下[DRUM/VALUE]按键开始编辑鼓机参数，显示屏将会显示节奏类型。旋转[DRUM/VALUE]旋钮选择节奏类型(D~40)。

#### 鼓机音量调节

再次按下[DRUM/VALUE]按键，显示屏将会显示鼓机音量。旋转[DRUM/VALUE]旋钮调节鼓机音量(00~09，默认音量为05)。

#### 鼓机速度调节

再次按下[DRUM/VALUE]按键，显示屏将会显示鼓机速度，旋转[DRUM/VALUE]旋钮以改变鼓机速度。显示的速度范围为20~90，对应的实际速度值为60~270BPM，每个节奏类型都有其对应的默认速度。

**注意：**进行鼓机调节时，3秒内无操作将会退出鼓机参数编辑，返回到之前的状态。

### 校音

#### 进入校音模式

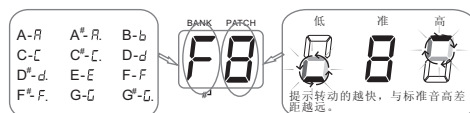
按住[DRUM/VALUE]按键2秒后进入校音模式。

#### 校音

一次弹一根吉他弦，并按照显示屏指示调节吉他音高。

左边显示当前高度。

右边提示音高差距多少。



#### 退出校音

在校音模式，按下[DRUM/VALUE]按键退出校音模式。POGO将会回到之前的状态。

### 技术参数

**效果模块数量：** 5种

**效果类型数量：** 15种

**预设音色数量：** 16(4组预设音色，每组4个音色)

**用户音色数量：** 16(4组用户音色，每组4个音色)

**吉他输入：** 1/4"单声道音频接口

**输出：** 1/4"单声道音频接口

**耳机输出：** 1/8"立体声音频接口

**辅助输入：** 1/8"立体声音频接口

**电源供应：** 9V直流变压器(内负外正)或者两节7号电池(AAA/LR03)

**尺寸：** 128.5mm (W)×84mm (D)×45mm (H)

**重量：** 160g

**附件：** 用户手册，9V电源变压器

**\*免责声明：** 参数更新恕不另行通知。

### 附录

#### 鼓机节奏列表

No.	Type	Time Signature	Default Tempo
01	8Beat1	4/4	120 BPM
02	8Beat2	4/4	120 BPM
03	8Beat3	4/4	120 BPM
04	8Beat4	4/4	120 BPM
05	8Beat5	4/4	120 BPM
06	16Beat1	4/4	120 BPM
07	16Beat2	4/4	120 BPM
08	16Beat3	4/4	120 BPM
09	16Beat4	4/4	120 BPM
10	16Beat5	4/4	120 BPM
11	3/4Beat	3/4	120 BPM
12	6/8Beat	6/8	120 BPM
13	Pop	4/4	120 BPM
14	Funk	4/4	108 BPM
15	Hard Rock	4/4	135 BPM
16	Metal	4/4	120 BPM
17	Punk	4/4	162 BPM
18	Hip Hop	4/4	96 BPM
19	Trip Hop	4/4	84 BPM
20	Dance	4/4	120 BPM
21	Break Beat	4/4	156 BPM
22	Drum n' Bass	4/4	180 BPM
23	Blues	4/4	108 BPM
24	Jazz	4/4	120 BPM
25	Swing	4/4	144 BPM
26	Fusion	4/4	120 BPM
27	Reggae	4/4	90 BPM
28	Latin	4/4	135 BPM
29	Country	4/4	114 BPM
30	Bossanova	4/4	120 BPM
31	Rumba	4/4	135 BPM
32	Tango	4/4	120 BPM
33	Polka	4/4	120 BPM
34	World	4/4	108 BPM
35	Metro 2/4	2/4	120 BPM
36	Metro 3/4	3/4	120 BPM
37	Metro 4/4	4/4	120 BPM
38	Metro 5/4	5/4	120 BPM
39	Metro 6/8	6/8	120 BPM
40	Metro	None	120 BPM