



DC-30
30W Digital Guitar Amplifier
User Manual

30W DIGITAL GUITAR AMPLIFIER

INTRODUCTION

Thank you for purchasing the DC-30 Digital Guitar Amplifier. In order to use this product more safely and get fully joy of its features, please read this owner's manual carefully and retain it for future reference.

MAIN FEATURES

DC-30 is designed for family or small rehearsal uses.

It features eight basic amp models: Jazz Chorus, Clean, Tube Screamer, Blues Drive, Crunch, Lead, Rhythm and Metal, as well as four modulation effects: Chorus, Flanger, Phaser and Tremolo. You are easy to get your tone by adjusting TREBLE, MIDDLE, BASS and PRESENCE. Additionally, two acoustic space simulation effects-the Delay and the Reverb effects are available.

To differentiate from other likewise products with the same price in the market, the DC-30 has a Built in 36-Pattern Rhythm System with tempo and volume controllable. What's more, with the Built-in AUX Input, you can also connect your MP3 or CD player for audio playback while playing a guitar, for enough to ensure you play at all times and to enjoy yourself freely! Even more satisfying, we supply headphone output mode which is able to immerse yourself into it. On the side, the 'Cab Simulated' Output also can be used as a Line Output to connect the PC Sound Card or an Audio Mixer for recording or live stage. Now, let's start to try the DC-30 and find what you can get.



INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

IMPORTANT NOTES

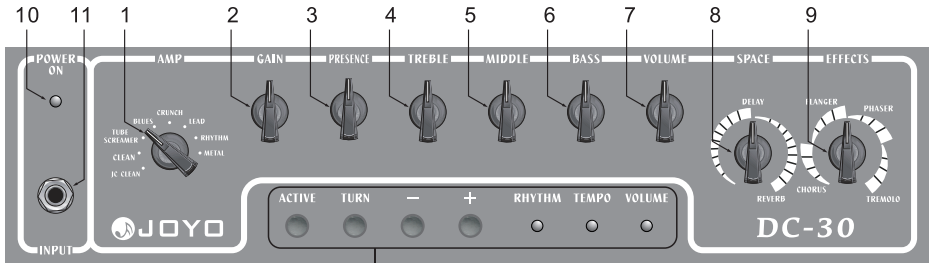
Please read the Operating Instructions:

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Never use with a cart, stand, tripod, bracket, or table except as specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

CONTROLS AND CONNECTORS



Front Panel

1. Amp Model Selection Switch
2. Gain Knob
3. Presence Knob
4. Treble Knob
5. Middle Knob
6. Bass Knob
7. Volume Knob
8. Acoustic Space Simulation Effects Knob
9. Modulation Effects Knob
10. Power Indicator
11. Guitar Input Jack
12. Electronic Rhythm Module



Rear Panel

13. AC IN
14. POWER switch
15. AUX IN
16. LINE OUT/PHONES

BASIC OPERATION

1. Select an Amplifier Model: Rotate the AMP switch and choose one model from the eight AMP model as your basic guitar tone.

- 1) JC Clean:** Models the ROLAND-JC120' s clean tone, which is characterized by a clear and pure sound like water. A distortion tone can be acquired by adjusting gain higher.
- 2) Clean:** An original tone designed by WAVE-X, which is characterized by a mellow and full sound and suitable for the clean tone solo. A distortion tone can be acquired by adjusting gain higher.
- 3) Tube Screamer:** Models the famous TS9 overdrive pedal.
- 4) Blues Drive:** Models the SD-1 overdrive pedal.
- 5) Crunch:** Models MI Audio' s Crunch Box distortion pedal.
- 6) Lead:** A lead tone designed by WAVE-X, which is characterized by a rich and modern sound.
- 7) Rhythm:** A modern rhythm tone designed by WAVE-X, which is characterized by a strong and powerful rhythm sound.
- 8) Metal:** Models the famous BOSS MT2-Metal Zone distortion pedal.

30W DIGITAL GUITAR AMPLIFIER

2. Adjust the Gain of the Selected Amplifier

Adjust the gain level by rotating the GAIN knob. A rotate of clockwise will increase the gain and vice versa. Be flexible to try it until you get the right tone you like.

3. Adjust the Tone of the Amplifier

After getting the gain you wanted, you can adjust knob PRESENCE, TREBLE, MIDDLE and BASS to modify the tone for your best one you like.

4. Using Modulation Effects

Rotate the EFFECTS knob to choose the favorite you like from Chorus, Flanger, Phaser and Tremolo. You can select the effects by reading the scope changes showed on the panel.

5. Using Acoustic Space Simulation Effects

Rotate the SPACE knob to choose between Delay and Reverb effects. You can select the effect by reading the scope changes showed on the panel.

6. Using the Rhythm Machine

DC-30 features a built-in rhythm system switch with up to 36 kinds of drum patterns. You can choose any kinds of rhythm style and use it to help your playing and practice.

(1) Start the Beat Function by pressing the button ACTIVE, and the 'RHYTHM' LED indicator will light on simultaneously. If you want to turn it off, just press the button ACTIVE again.

NOTE: See 'List of the 36 - Rhythm Patterns'

(2) Select a Rhythm Pattern:

When the rhythm machine is activated, press the "TURN" button lightly, then you will find the "RHYTHM", "SPEED" and "VOLUME" LED indicator get lighted alternately. When the "RHYTHM" LED indicator is lighted on, you can press "+" or "-" to choose one of the 36 rhythm patterns which you like to practice with.

(3) Adjust the Rhythm Speed:

When the rhythm machine is activated, press the "TURN" button lightly, you will find the "RHYTHM", "SPEED" and "VOLUME" LED indicator get lighted alternately. When the "SPEED" LED indicator is lighted on, press "+" or "-" button, then the rhythm speed will be changed between 30 and 240.

(4) Adjust the Volume of the Rhythm Machine:

While the rhythm machine is working, press the "TURN" button lightly, you will find the "RHYTHM", "SPEED" and "VOLUME" LED indicator get lighted alternately.

When the "VOLUME" LED indicator is lighted on, press "+" or "-" button to change the volume of the rhythm machine.

(5) List of the 36 - Rhythm Patterns:

01	beat_8_1	13	beat_Punk	25	beat_Dance_4
02	beat_8_2	14	beat_DnB	26	beat_3per4
03	beat_8_3	15	beat_Funk_1	27	beat_6per8
04	beat_8_Shuffle	16	beat_Funk_2	28	beat_5per4_1
05	beat_16_1	17	beat_Hiphop	29	beat_5per4_2
06	beat_16_2	18	beat_RnR	30	beat_Latin
07	beat_16_Shuffle	19	beat_Pop_1	31	beat_Ballad_1
08	beat_Rock	20	beat_Pop_2	32	beat_Ballad_2
09	beat_Hard	21	beat_Pop_3	33	beat_Blues_1
10	beat_Metal_1	22	beat_Dance_1	34	beat_Blues_2
11	beat_Metal_2	23	beat_Dance_2	35	beat_Jazz_1
12	beat_Thrash	24	beat_Dance_3	36	beat_Jazz_2

7. Turning the Volume Control

To adjust the DC-30's volume level, just turn the "VOLUME" knob clockwise or counter clockwise. More clockwise rotating, more volume outputs, and vice versa. Note: Too loud sound will damage your hearing.

8. Using AUX IN

You will easy find an AUX IN jack (6.35mm stereo jack) on rear panel, this jack is for outside sound source input like CD, MP3, etc. Perform accompany with music!

Note: There is no independent volume control for AUX IN, you need to control DC-30 assisted signal volume by your outside devices, and amplifier will be overloaded and distorted by strong signals.

9. Using PHONE (Lineout)

DC-30 installed a PHONE jack on rear panel which used for phone input to let your performance will not disturb others. Meanwhile PHONE also can be used as Lineout, DC-30 signal can be output to mixer by stereo cable, or output to computer for video recording.

Note: Phone volume is controlled by VOLUME on front panel, please make sure VOLUME lowed at minimum, to avoid any damage for your hearing by suddenly loud volume.

SPECIFICATIONS

Guitar In: -22dBu

AUX In: -13dBu

Phones: +4dBu @ 33 ohm/1kHz

RMS Power: 30W@ 4 ohm/1kHz



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 JOYO



DC-30
30瓦特全数字吉他功放

深圳市卓乐科技有限公司
SHEN ZHEN JOYO TECHNOLOGY CO.,LTD

30瓦特全数字吉他功放

感谢购买我们的产品!

在使用DC-30音箱之前,请您务必仔细阅读本使用说明书,详细了解本产品使用中的一些注意事项,以便更好的发挥DC-30的性能和更安全的使用本产品。

DC-30音箱是一款针对家庭或小型排练应用而设计的吉他音箱,配备有8种基本的吉他放大器音色,包括Jazz Chorus, Clean, Tube Screamer, Blues Drive, Crunch, Lead, Rhythm以及Metal音色。DC-30的高、中、低、临场度调节使您更容易调节出您想要的音色。同样,DC-30还附带有包括Chorus, Flanger, Phaser以及Tremolo等四种常用的效果音色,以及Delay和Reverb两种空间模拟效果。与其它同等价值的产品不同的是,DC-30还为您准备了一套拥有36种节奏型、速度及音量都可调整的电子节奏系统,为您的演奏练习增加更多乐趣。DC-30的外部辅助输入功能(AUX IN)使您可以外接MP3或CD等设备,让您一边播放喜欢的音乐段子,一边随着音乐演奏,如果你想提升你的乐感,那没有比跟着让你心动的音乐,来一段即兴演奏更好的方法了。不想吵到其他人,希望安静的练习?DC-30同样为您准备了耳机驱动输出,接上耳机,安安静静,你却可以尽情的让音符咆哮而出。DC-30的耳机输出同样也可作为线路输出,去直接接驳至调音台或者电脑声卡,现在就试一试,看看你能发现什么。

重要的安全说明



注意:

机内无用户可用备件!为了防止触电,切勿自行拆开机盖!必要时需由专业人士维修!

警告:

为防止发生火灾或触电危险,本机切勿受雨淋或受潮!



等边三角形中带有闪电型箭头,该符号用来告诫用户---机内具有危险电压的非绝缘部分,易造成电击的危险。



等边三角形中带有感叹号,该符号用来提醒用户---机器附件中有重要的操作和保养说明,请查阅使用说明书。

注意事项 ▲

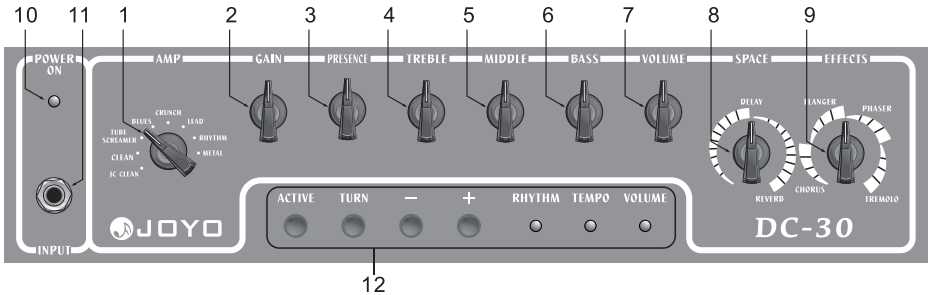
请阅读使用说明书。

- 请阅读这里的说明。
- 请保存这些说明。
- 请注意所有的警告说明。
- 请按照说明操作。
- 不要在靠近水的地方使用这一设备。
- 请用干布清理本设备。
- 不要堵住通风口。请按照制造商的说明安装设备。
- 不要在靠近热源的地方使用本设备，如加热器、暖气机、电热炉、功放器等各种易发热设备。
- 不要损坏带有不同极性 or 接地功能的插头。有极性的插头带有两个大小不同的插片，有接地功能的插头有两个插针和接地插针，大的插针或第三个插针有接地功能，确保您的安全。如果随货供应的插头不能使用的话，请找电工更换老旧的插座。
- 电源线不要放在可能被踩到的地方，也要避免有尖角的地方，请特别保护插头，延长线和设备上的电源线。
- 本设备一定要有接地保护。
- 如果电源插头或电源连接板有切断电源功能的话，它们一定要处在随时都能被拿到的地方。
- 请只使用制造商规定的附加设备和零件。
- 请只使用制造商规定的推车，架子，三角架，支架和桌子，也可用随货供应的器件。如果您使用推车来搬移设备的话，请注意安全放置设备，以便避免倒下而造成的伤害。



- 有风暴雷雨时或长期不使用本设备的时候，请拔出电源插头。
- 所有维修工作，都必须由有资格的维修人员进行。设备受到损坏时（如：电源线或电源插头被损坏，水或液体流入设备内，设备受到雨淋或受到潮气侵入，设备不能正常运作，设备摔在地上后），必须进行维修。
- 注意！维修提示是给有资格的维修人员看的。为了避免触电的危险，请不要擅自进行维修。有资格的专业维修人员才能对设备进行维修。

面板描述



- 1: 放大器选择开关
 2: 增益调节旋钮
 3: 临场度旋钮
 4: 高音调节旋钮
 5: 中音调节旋钮
 6: 低音调节旋钮
 7: 总音量调节旋钮
 8: 声学空间模拟效果选择与调节旋钮
 9: 调制效果选择与调节旋钮
 10: 电源指示灯
 11: 吉他输入接口
 12: 电子节奏器模块（详细说明见本手册的电子节奏器使用说明章节）



背板

- 13: AC电源输入
 14: 电源开关

- 15: 辅助输入接口
 16: 耳机输出接口

使用说明

(1)选择吉他放大器类型

旋转AMP旋钮，使其指向不同的放大器类型，即可在8种放大器模型中任选一种作为你的基本吉他的音色。

- 1. Jazz Chorus:** 模拟Roland Jazz Chorus音箱的Clean音色，此音色的特点是声音清澈纯净，如同流水一般的感觉，当增益被开大后，更可获得一种音箱被过载的音色。
- 2. Clean:** 由WAVE-X设计的原声音色，其特点是声音饱满，圆润，适合演奏爵士或布鲁斯音乐的原声音色独奏，当增益被开大后，更可获得一种音箱被过载的音色。
- 3. Tube Screamer:** 使用DFA技术，模拟著名的TS9过载单块。
- 4. Blues:** 使用DFA技术，模拟BOSS的SD-1过载单块。
- 5. Crunch:** 使用DFA技术，模拟MI Audio的CrunchBox失真单块。
- 6. Lead:** 由WAVE-X设计的Lead音色，声音特点是醇厚，具有现代感。
- 7. Rhythm:** 由WAVE-X设计的现代节奏音色，音色非常扎实。
- 8. Metal:** 使用DFA技术，模拟BOSS的MT2重金属效果器。

30瓦特全数字吉他功放

(2)调整放大器增益

在选择好放大器后，即可通过调整GAIN旋钮来调整放大器的增益。顺时针旋转时，放大器增益将获得更多的提升，逆时针旋转时，放大器增益将变小。您可以灵活的设置此旋钮，来获得您喜欢的音色。

(3)调节放大器的音色

设置好合适的放大器增益以后，您可以调整PRESENCE, TREBLE, MIDDLE以及BASS旋钮来对放大器的音色加以修饰来获得您满意的音色。

(4)选择调制类效果

通过旋转EFFECTS旋钮，让旋钮的指针落在你想要的效果区域内，即可选择4种调制效果中的一种来润色你的音乐。可以看到面板上刻度有着渐渐的由窄变宽的变化，它在这些效果中的调节作用是：

- Chorus:合唱效果，调节合唱效果的深度。
- Flanger:镶边效果，调节镶边效果的深度。
- Phaser:相位效果，调节相位效果的相位变化速度。
- Tremolo:颤音效果，调节颤音效果的颤音调制频率。

(5)选择空间模拟类效果

通过旋转SPACE旋钮，让旋钮落在你想要的空间效果区域内，即可选择2种空间模拟效果中的一种来润色你的音乐。可以看到面板上刻度有着渐渐的由窄变宽的变化，它在这些效果中的调节作用是：

- Delay:延迟效果，调节延时效果的时间长度。
- Reverb:混响效果，调节混响效果器的干湿比例。

(6)使用电子节奏器辅助练习

电子鼓节奏器内置36种节奏鼓花，你可以任选其中一种风格，并用它来辅助你的演奏与练习。

1.激活节奏器（启动节奏器）

轻轻按下面板下方四个按钮开关的ACTIVE键，节奏器即会启动，此时RHYTHM指示灯会亮起。当你想关闭节奏器时，再次按下它，节奏器既被关闭，这时，亮起的节奏器指示灯熄灭。

2.调整鼓花类型

节奏器被激活后，轻轻的按动TURN按键，这时节奏器的3个指示灯会在RHYTHM、SPEED、VOLUME之间循环亮起，连续按动TURN键，使RHYTHM指示灯亮起，这时，通过操作“+”“-”按键，机壳从全部36种鼓花样本中挑选你喜欢的节奏型进行演奏或练习。

注：节奏器每次被重新激活后，RHYTHM指示灯都会最先亮起，这表示你可以直接操作“+”“-”按键来选择节奏器的鼓花类型。

3.调整节奏器速度

节奏器被激活后，轻轻的按动TURN按键，这时节奏器的3个指示灯会在RHYTHM、SPEED、VOLUME之间循环亮起，连续按动TURN键，使SPEED指示灯亮起，这时，按“+”或“-”按键，即可让节奏器的速度在30-240之间变化。

注：节奏器的速度可以从30-240连续可调，节奏器在刚开机后，速度默认值为100。在节奏器被激活，速度被调整过以后，节奏器的速度在你下次调整之前，保持不变（多次激活与关闭操作，只要没有调整速度的操作，速度保持不变）。

4.调整节奏器音量

节奏器被激活后，轻轻的按动TURN按键，这时节奏器的3个指示灯会在RHYTHM、SPEED、VOLUME之间循环亮起，连续按动TURN键，使VOLUME指示灯亮起，这时，按“+”或“-”按键，即可让节奏器的音量发生变化。

注：节奏器在刚开机后，音量被设置为最大。在节奏器被激活，音量被调整过以后，节奏的音量在你下次调整之前，保持不变（多次激活与关闭操作，只要没有调整音量的操作，音量保持不变）。

5. 鼓节奏型附表

序号	节奏型	序号	节奏型	序号	节奏型
01	beat_8_1	13	beat_Punk	25	beat_Dance_4
02	beat_8_2	14	beat_DnB	26	beat_3per4
03	beat_8_3	15	beat_Funk_1	27	beat_6per8
04	beat_8_Shuffle	16	beat_Funk_2	28	beat_5per4_1
05	beat_16_1	17	beat_Hiphop	29	beat_5per4_2
06	beat_16_2	18	beat_RnR	30	beat_Latin
07	beat_16_Shuffle	19	beat_Pop_1	31	beat_Ballad_1
08	beat_Rock	20	beat_Pop_2	32	beat_Ballad_2
09	beat_Hard	21	beat_Pop_3	33	beat_Blues_1
10	beat_Metal_1	22	beat_Dance_1	34	beat_Blues_2
11	beat_Metal_2	23	beat_Dance_2	35	beat_Jazz_1
12	beat_Thrash	24	beat_Dance_3	36	beat_Jazz_2

(7) 调整总输出音量

旋转VOLUME旋钮，即可调整DC-30的总音量

注：过大音量对您的听力将产生损害，请注意保护您的听力。

(8) 使用AUX IN辅助音源输入

在DC-30的后面板，有一个AUX IN插孔（6.35毫米立体声插孔），您可以将CD、MP3等外部音源接入到此插孔，这样您就可以跟随音乐，一同演奏。

注：AUX IN没有配备独立的音量控制，所以您需要通过控制您的外部音源设备音量来控制DC-30的辅助信号输入强度，信号过强会造成功率放大器过载，从而产生失真。

(9) 使用PHONES耳机输出（LineOut）

DC-30的后面板，有一个PHONES插孔，您可以在此插孔接入耳机，这样您在演奏时便不会打扰到其他人。另外，PHONES输出接口也可作为line out输出，你可以用立体声电缆将DC-30的输出信号输出至调音台，或者直接输出给电脑声卡并使用电脑来录制吉他音频。

注：耳机的音量通过前面板的VOLUME旋钮调节，请注意在接入耳机前将VOLUME旋钮旋到最小，以免突然到来的巨大音量损伤您的听力。

电气参数

吉他输入（GUITAR IN）：-22dBu

辅助输入（AUX IN）：-13dBu

耳机输出（PHONES）：+4dBu @ 33 ohm/1kHz

额定功率（RATE POWER）：30W @ 4 ohm/1kHz

卓乐产品服务政策

一、在正常使用产品过程中，如果产品出现非人为损坏的性能故障，自购买之日起，消费者享有保修服务，保修期为12个月。

二、有下列情况之一者，消费者不能享受保修权益。

1、人为损坏；2、超过保修期；3、无保修卡及有效发票，但能够证明产品在保修期内的除外；4、保修卡与产品型号不符，或保修卡被涂改；5、未按说明书要求使用、维护、保养而造成产品损坏；6、未经卓乐公司授权，擅自拆卸、维修产品、或浸水、摔坏产品；7、其他不可抗力造成的损坏。

三、卓乐服务信息

消费者服务热线：0755-29765390

更多信息请访问：www.joyochina.cn



卓乐产品保修卡

产品型号		SN号码	
用户信息	姓名	购机日期	
	电话		
	地址		
	发票号码		
销售单位信息	名称（加盖公章）		
	地址		
	电话		

品牌:JOYO

名称:电吉他音箱

执行标准:QB/T 4326-2012

制造商:深圳市卓乐科技有限公司

地址:广东省深圳市宝安区新安三路陆氏工业大厦2楼 邮编:518133

售后服务热线:0755-29765390

产品合格证

检验结论:合格

检验员号:QC 01

日期:_____