

15W 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 selected amplifier:

Once an amp model is selected, rotate the TONE knob to adjust the brightness of the amp. You will have a bright sound on clockwise rotation and a dark tone on anti-clockwise rotation.

4. Turning the Volume control:

To change the DC-15' 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.

5. 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.

6. 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.

7. Using the Rhythm Machine

DC-15 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. Start the Beats 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'

(1) Select a rhythm pattern:

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 'RHYTHM' LED indicator is lighted on, you can press "+" or "-" to choose one of the 36 rhythm patterns which you like to practice with.

(2) 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 and hold "+" or "-" button, then the rhythm speed will be changed between 30 and 240. After you've get the speed you want, let your finger away from the "+" or "-" button, rhythm speed adjustment is done!

(3) 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 and hold "+" or "-" button to change the volume of the rhythm machine. Once you've get your desired volume level, release the "+" or "-" button, the adjustment for the rhythm volume is finished!

(4) 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

SPECIFICATIONS

Guitar In: -16dBu
AUX In: -18dBu
Phones: +16dBu@10Kohm, +3.6dBu @ 32 ohm
RMS Power: 10W@4ohm



DC-15 15W Digital Guitar Amplifier User Manual



JOYO TECHNOLOGY CO., LTD

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JOYO TECHNOLOGY CO., LTD

INTRODUCTION

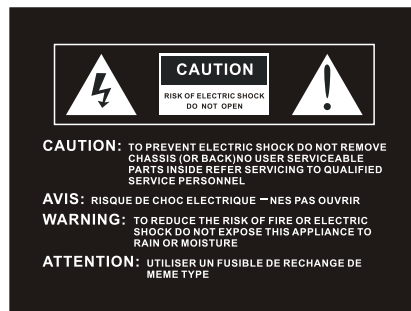
Thank you for purchasing the DC-15 Digital Guitar Amplifier. In order to use this product more safely and get fully joy of its features, please read this owner's manual carefully and retain it for future reference.

MAIN FEATURES

It seems that the DC-15 looks less than impressive, but under the same price, we are sure that this is the most Full-featured one and its sound quality will never be defeated by any other amplifiers.

DC-15 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. 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-15 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 the shivering and growling melody without worrying about disturbing others or being disturbed. 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-15 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.

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IMPORTANT NOTES ▲

Please read the Operating Instructions:

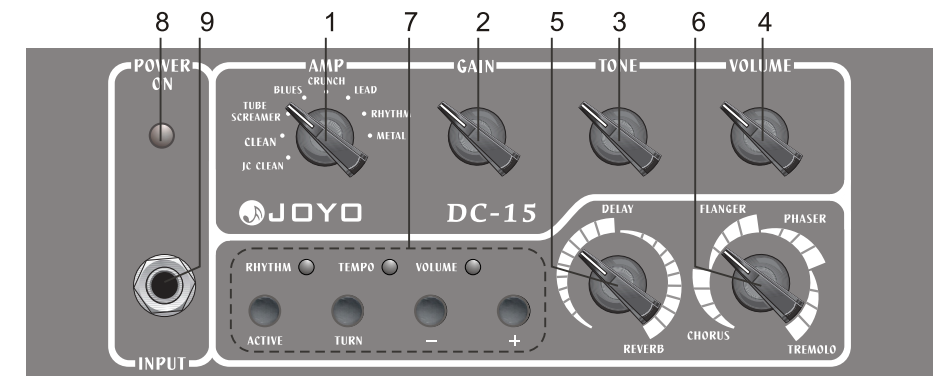
- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.
- Do not install near 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.

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CONTROLS AND CONNECTORS

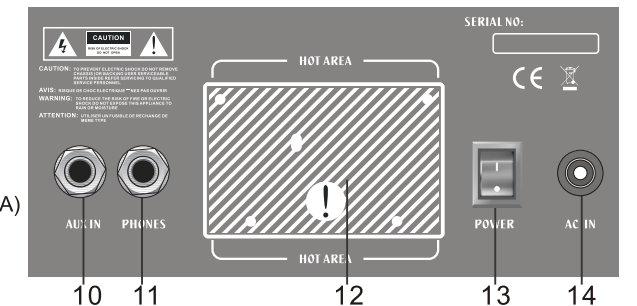


Front Panel

1. Amp Model Selection Switch
2. Gain Knob
3. Tone Knob
4. Main Volume Knob
5. Acoustic Space Simulation Effects Knob
6. Modulation Effects Knob
7. Electronic Rhythm Module
8. Power Indicator
9. Guitar Input Jack

Rear Panel

10. AUX IN jack
11. LINE OUT/PHONES jack
12. HEAT, NO TOUCHING
13. POWER switch
14. AC IN (AC220V/50Hz F0.5A)



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.
- 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.
- 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: Model the famous BOSS MT2-Metal Zone distortion pedal.

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