

Electronic drum amplifier

KDA35 User Manual



KURZWEIL®

INTRODUCTION

We know you don't like reading owners manuals, but you've just purchased one of the finest electronic drum amplifiers and we want to tell you about it! So, before you plug in and start jamming along, we'd like to suggest you take just a few minutes to scan these pages.

The KDA35 electronic drum amplifier adopts a Class-D power amplifier chip, which gives a RMS power of 35W. The Class-D power amplifier is characterized by high efficiency, power saving and lightweight.

The KDA35 is specially designed for electronic drums, which includes 2 matched speakers: one 10-inch 8Ω bass speaker and one 3-inch 4Ω treble speaker. A compact and elegant design makes it suitable for different venues of performance, such as clubs and home recording studios. Besides, its Bluetooth music playing function makes it a perfect practice amp.

In these pages, you'll find a detailed description for the features of your KDA35, as well as a guided tour for its control boards, step-by-step instructions for setting up and using the amp. Additionally, please try to check out our website www.joyoaudio.com for complete information about our full product line.

IMPORTANT NOTES ▲

- Please read all instructions before operating the unit.
- Keep these instructions for future reference.
- Please heed all safety warnings.
- Follow manufacturer's instructions.
- Do not use this unit near water or moisture.
- 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 that produce heat.
- Please use matched polarized or grounding-type plug, the wide blade or third prong is provided for your safety. When the provided plug does not fit your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on and pinched particularly at plugs, convenience receptacles and at the point at which they exit from the unit.
- Unplug this unit during thunderstorm, lightning or if it is not in use for a long time. Refer to qualified personnel when the unit has been damaged in any way.

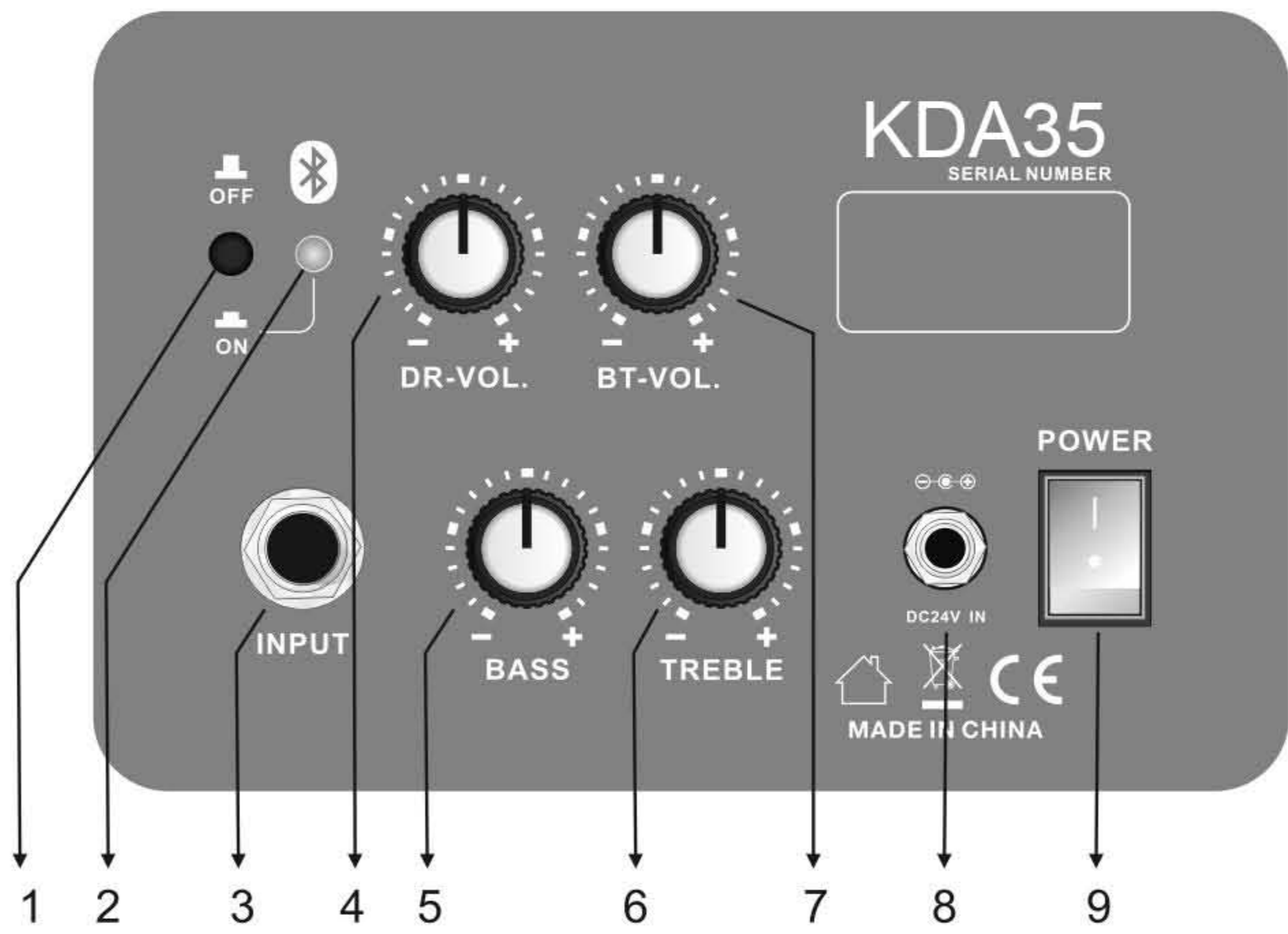
FEATURES FOR KDA35 ELECTRONIC DRUM AMPLIFIER



- Tailor-made 10-inch 8Ω bass speaker and 3-inch 4Ω treble speaker.
- 2 EQ knobs for high and low frequencies.
- Perfectly designed chassis to let the drummer hear everything. The speaker panel was designed with a 45° angle just like a monitor speaker.
- Bluetooth communication unit, with independent Bluetooth volume knob.
- Steady handle, which is portable and convenient for outdoor performance and performances at other venues.

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PANEL DESCRIPTION

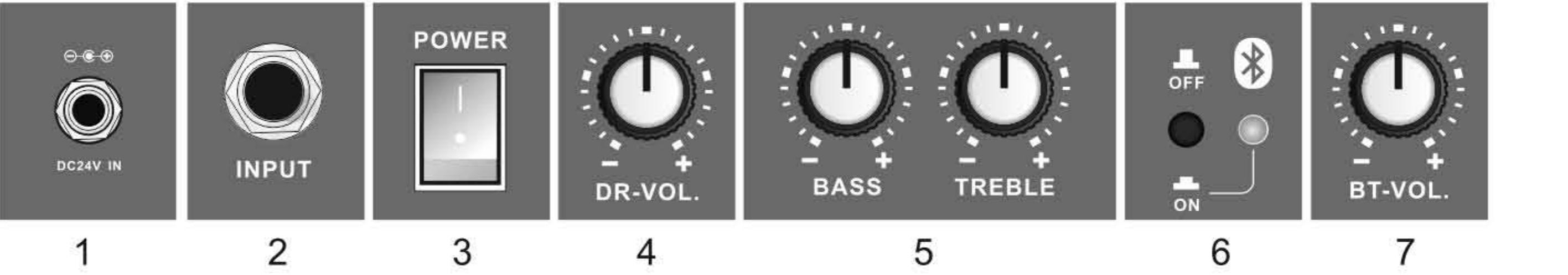


1. **Bluetooth switch**-When the Bluetooth switch is OFF, the power/Bluetooth indicator lights up RED and serves as the device's power indicator; turn on the Bluetooth indicator, the power/Bluetooth indicator changes from red into blue and flashes continuously, which means waiting for connection, when the blue indicator is in blue, it is connected and can play music via Bluetooth.
2. **Power/Bluetooth indicator**- When the KDA35 is ON, this power/Bluetooth indicator will be on, when Bluetooth is OFF, the power/Bluetooth indicator is red, when the Bluetooth is ON, the power/Bluetooth indicator is blue.
3. **Electronic drum's input**-it is designed for processing an electronic drum's line signal.
4. **Electronic drum's Volume knob**-Turn it clockwise (+) , the volume will be turned up, turn it counterclockwise (-) , the volume will be turned down. To get lower distortion, please adjust it to an appropriate volume and then adjust to the desired tone position.
5. **Bass EQ control**- knob for Electronic Drum's Input Jack, it provides approximately 12dB of cut or boost, with a peak(bell) curve. When the knob is at the triangle "0" position(at a sticking point), there is no boost or attenuation. As it is turned clockwise to the +12 position, the frequency area is boosted; as it is turned counterclockwise from the -12 position, the frequency area is attenuated.
6. **Treble EQ control**-knob for Electronic Drum's Input Jack, this peaking control provides approximately 12dB of cut or boost, with a peak (bell) curve. When the knob is at the triangle "0" position(at a sticking point), there is no boost or attenuation. As it is turned clockwise to the +12 position, the frequency area is boosted; as it is turned counterclockwise from the -12 position, the frequency area is attenuated.
7. **Bluetooth Volume knob**-Turn it clockwise (+) , the volume will be turned up, turn it counterclockwise (-), the volume will be turned down. To get lower distortion, please make sure your electronic drum amplifier is in an appropriate volume and then adjust it to the desired tone position.
8. **Power Input Jack**-Put the attached power adapter's Output Jack into the D C 2 4 V I N, turn on the Power switch, the power indicator will be in red and supply power for the entire unit.
9. **Turn the unit ON or OFF.**

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SETTING UP AND USING THE KDA35 ELECTRONIC DRUM AMPLIFIER

Setting up your KDA35 Electronic Drum Amplifier is quite simple which takes only a few minutes:



1. Before plug in the power cable, make sure the power switch is turned off. Connect the attached power cable to the DC IN Input located on the rear panel, then put the power plug into the socket, and don't turn on the KDA35 just yet though.
2. Use a standard music instrument cable to connect your electronic drum to the Input Jack on the front panel.
3. Turn on the power switch on the front panel, and the power/Bluetooth indicator is in red, the unit starts to work.
4. Adjust the electronic drum's output volume according to your needs, turn it clockwise, the volume output signal will be increased, turn it counterclockwise, the volume output signal will be decreased.
5. There are Bass EQ control and Treble EQ control on the panel, adjust the Bass EQ control and Treble EQ control knobs at 12 o' clock position(at a sticking point) .
6. KDA35 has a Bluetooth communication unit, which is convenient for practicing or musical performance. When the Bluetooth switch is on, the power/Bluetooth indicator changes from red into blue and flashing continuously. Then it waits for connecting with mobile devices, when Bluetooth matches with mobile devices, the power/Bluetooth indicator is on.
7. When your portable device's Bluetooth connects with the KDA35's Bluetooth, this knob can adjust the volume of portable device's audio when you play the audio.
8. If you encounter difficulty with any aspect of setting up or using your KDA35 electric drum amplifier, you can call BH Kang (82 (0)32 570 1576) from 9 AM to 5 PM, or contact your local distributor.

SPECIFICATIONS

Input Sensitivity: -1 0 d B u
RMS power: 3 5W
Sensitivity: 9 2 d B
Frequency response: 7 0 H z - 1 8 k H z
Speaker impedance: 1 0 " 8 Ω h m
Bluetooth version: 4. 0
Power adapter: Input 1 0 0 - 2 4 0 V A C 5 0 / 6 0 H z; Output 2 4 V D C / 2 . 5 A
Current consumption: 1 . 8 A (M a x)
Net weight: 9.9 K g
Dimensions: 424 x 420x335 m m

ACCESSORIES

1. Power adapter x1pc 2. Power cable x1 pc 3. Owner's manual x1 pc

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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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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 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.