

# GLOCKENKLANG

Heart-Rock

Poweramp



## User Manual

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**GLOCKENKLANG**  
**Eimterstr. 147**  
**D-32049 Herford**

Tel +49-5221-51506  
Fax +49-5221-108755

<http://www.glockenklang.de>  
e-mail: [info@glockenklang.de](mailto:info@glockenklang.de)

Technical Data

Warranty



Thank you for choosing the GLOCKENKLANG Heart-Rock poweramp. You have purchased an exquisite piece of equipment, which was designed after the most modern technical aspects.

### **Attention!**

To activate your additional 3 years warranty, you should send in the enclosed warranty card.

Please enter the serial number of your amplifier and the date of purchase and send it to :

Glockenklang  
Eimterstrasse 147  
D-32049 Herford  
Germany

or email to: info@glockenklang.de

This serves as a measure to ensure excellent customer service in the future.

### **For your safety**

Please read the following instructions carefully. These tips will ensure long and trouble free operation of your new GLOCKENKLANG product.

### **Operational restrictions**

Do not operate the amplifier under the following conditions:

- In direct sunlight
- In extremely dirty or dusty places
- In extremely humid or wet places
- Around heat emitting appliances

**Caution: When rack mounting the amplifier, make sure to leave adequate room for ventilation. The unit needs this ventilation space to adequately exhaust it's internally generated heat.**



**WARNING!**  
**DO NOT OPEN!**  
**NO USER SERVICEABLE PARTS INSIDE.**  
**REFER SERVICING TO QUALIFIED PERSONNEL.**

### **Handling**

Do not drop the amp. Do not use excessive force when activating switches and dials.

### **Care**

Use a soft, clean and dry cloth only to clean the amplifier. Do not use aggressive chemicals to clean the housing. Do not use compressed air to clean the housing. You may carefully vacuum the air intake and exhaust areas from time to time to remove loose dust accumulation.

### **Please, keep this User Manual for future references**

### **General instructions**

Your Heart-Rock poweramp's special features:

Power amp protection circuit:

The power amp is short circuit , high temperature, and DC voltage protected. In case of high temperature or DC current, the yellow "Protect" LED will come on.

### **Caution:**

Please ensure adequate ventilation when rack mounting the amplifier. Leave a minimum of 5 mm space below and above the amplifier. Make sure that the air entry/discharge vents at the left side of the housing are unobstructed.



**WARNING!**  
**TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.**



### 1.1 Power Switch

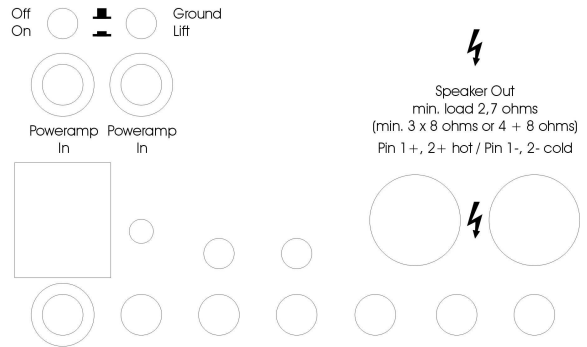
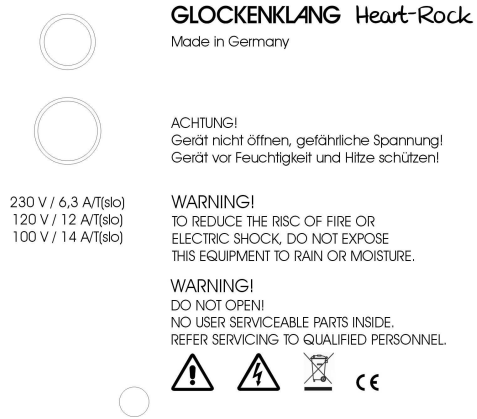
A/C Switch to turn on power to the unit.  
Power On is indicated by a green LED.

### 1.2 Protect LED (red)

Illuminates when one of the protection circuits activates. The speakers will be disconnected with this light on.

### 1.3 Peak LED (yellow)

Illuminates when the power stage of the amplifier begins to clip (overdrive). It warns of overdrive and distortion.



## 2.1 A/C Mains cable and fuse

Mains cable with A/C connector. The fuse is located in the small compartment above. The fuse is rated at 6,3A/slo for 230V operation and 12A/slo for 120V operation.

## 3.1 Poweramp In Jacks

Asymmetrical input connectors in parallel, will be activated by the On switch above.

## 3.2 Ground Lift Switch

Separates signal ground from chassis ground to eliminate hum and buzz, when connecting other A/C connected gear. The switch disconnects signal-ground from the housing. The housing is still connected to the ground (earth) by mains power-cable.

## 4.1 Speaker Out Connectors

4-pole speaker jacks for speaker connections. These jacks are in parallel. Connect one 2,7 ohms or one 4 ohms and one 8 ohms or three 8 ohms cabinets here. The maximum power rating is 1000 watts into 2,7 ohms, the minimum permissible speaker impedance is 2,7 ohms. Connection is pins +1 and +2 hot, pins -1 and -2 cold.