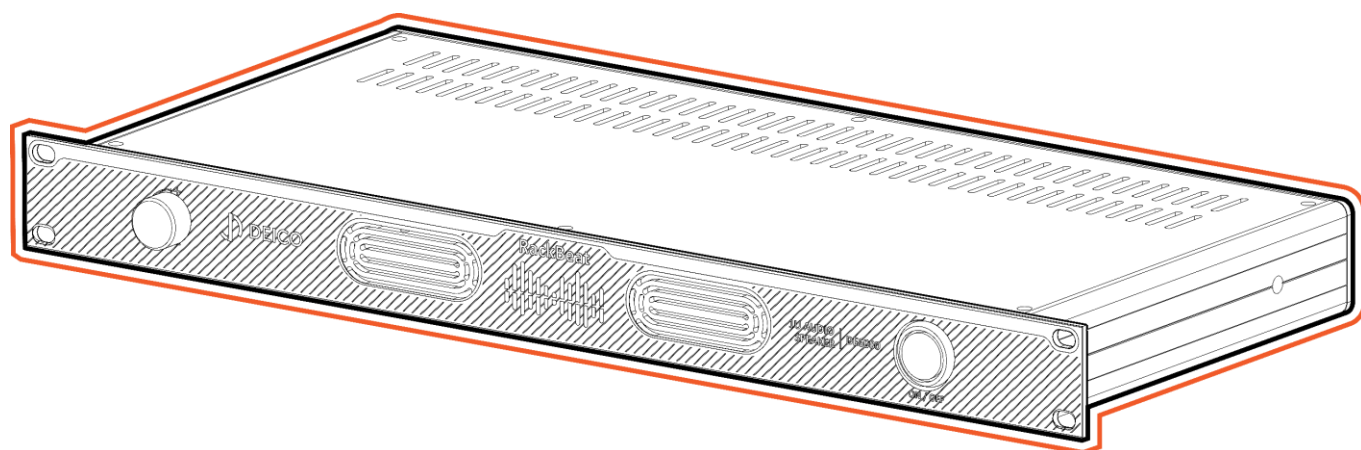


# DE6000 DATASHEET

RACKBEAT

1U RACK MOUNT STEREO AUDIO SPEAKER



## Contents

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## DESCRIPTION

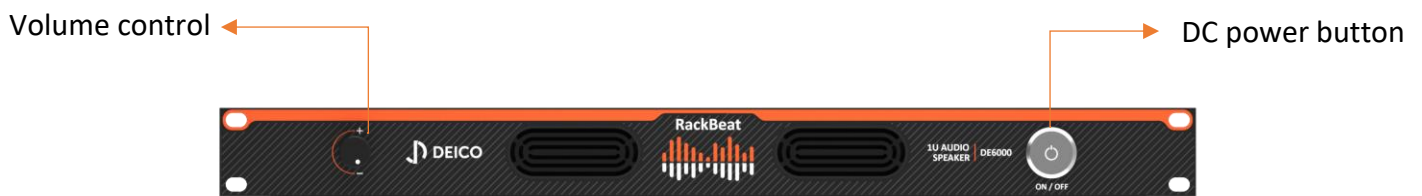
DE6000 RackBeat is a 3W (per channel) stereo Class-D audio box with DC Volume Control which offers low THD+N (0.1%), low EMI, and good PSRR thus high-quality sound reproduction. The 32 steps DC volume control has a +80dB to -78dB range. It's produced for 19-inch cabinets and saves space with its compact structure.

Areas of application include:

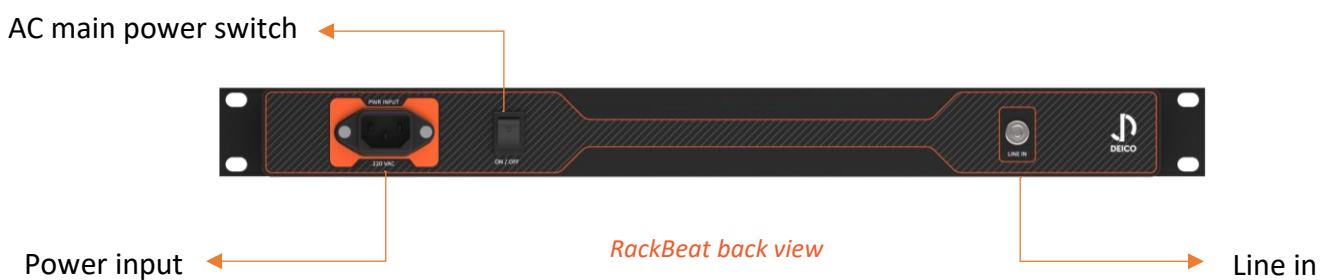
- ⇒ Automated Test Equipment (ATE)
- ⇒ Areas of Voice Verification

Scope of delivery:

- ⇒ (x1) RackBeat
- ⇒ (x1) Power cable, CEE 7/7, C13 M/F, 1.8m, Black
- ⇒ (x1) Audio connection cable, 3.5 mm, 1.5m, M/M, Black



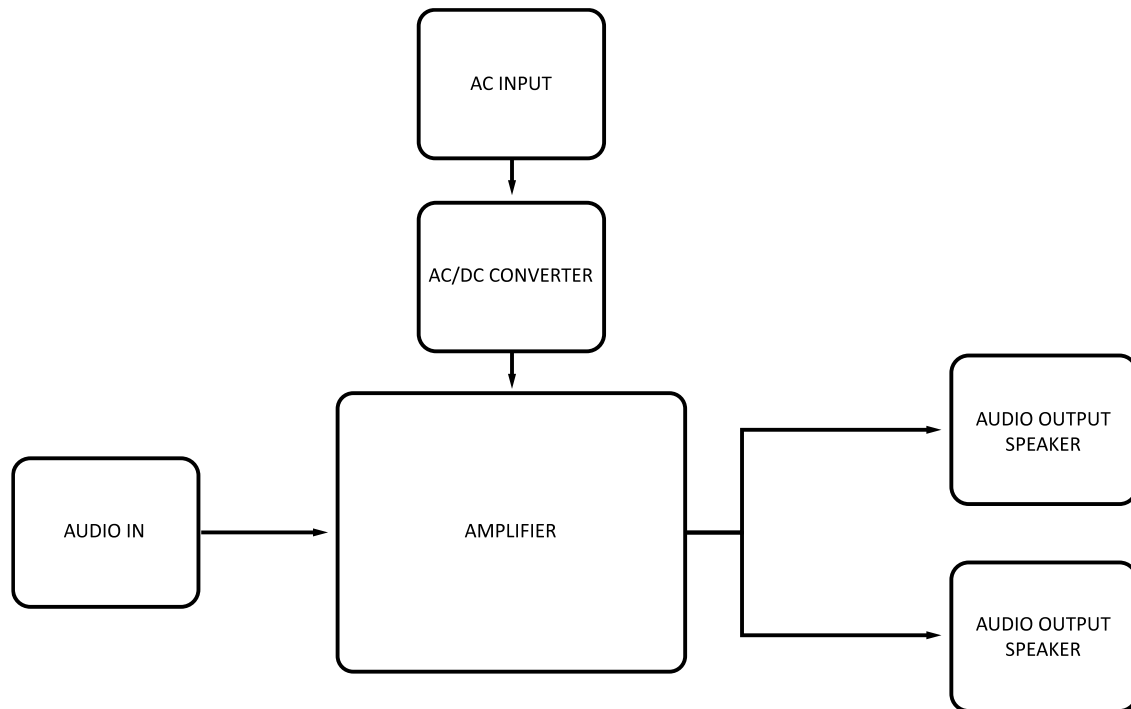
*RackBeat front view*



*RackBeat back view*

## HARDWARE OVERVIEW

### Circuitry



Block diagram of RackBeat

## Hardware Specifications

### Electrical

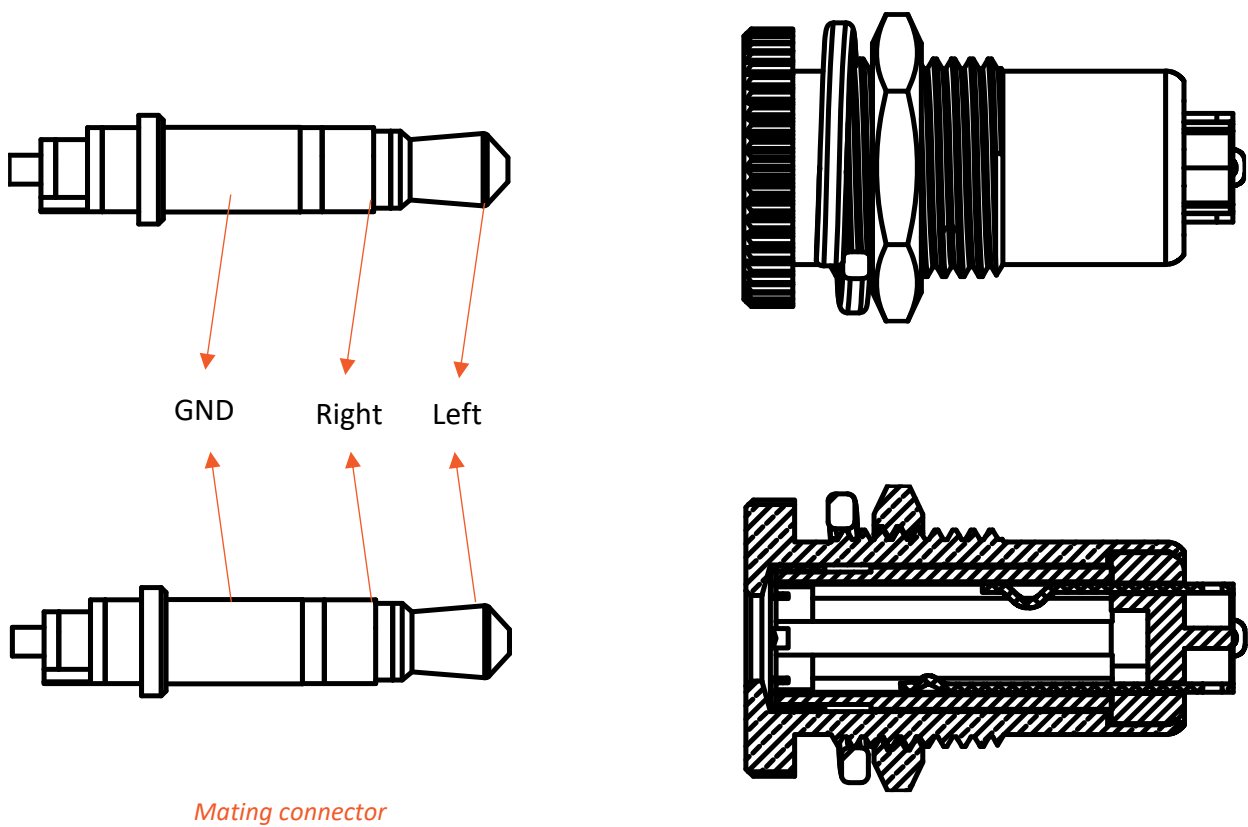
| Specification                         | Test Conditions                          | Minimum | Typical | Maximum |
|---------------------------------------|--|---------|---------|---------|
| Supply Voltage                        | —  | 88VAC   | 220VAC  | 264VAC  |
| Supply Frequency                      | —  | 47Hz    | 50Hz    | 63Hz    |
| Power                                 | —  | —       | —       | 25.2W   |
| Speaker Load                          | —  | —       | 8Ω      | —       |
| Mean Sound Pressure Level             | —  | —       | 78dB    | —       |
| Continuous Output Power (per channel) | —  | —       | —       | 3W      |
| Output Integrated Noise Floor         | 20Hz to 22kHz, A-Weighting               | —       | -90dB   | —       |
| Signal to Noise Ratio                 | Maximum output at THD+N < 0.5%, f = 1kHz | —       | 80dB    | —       |

## Physical

| Specification              | Typical                   | Notes                     |
|----------------------------|---------------------------|---------------------------|
| Dimensions                 | 482.6mm x 43.5mm x 146mm  | Standard rack dimensions  |
| Rear Panel Connectors (x2) | IEC 14, 3.5mm Female Jack | MPN: 54-00081, 703W-00/08 |
| Weight                     | 1368 g                    | -                         |

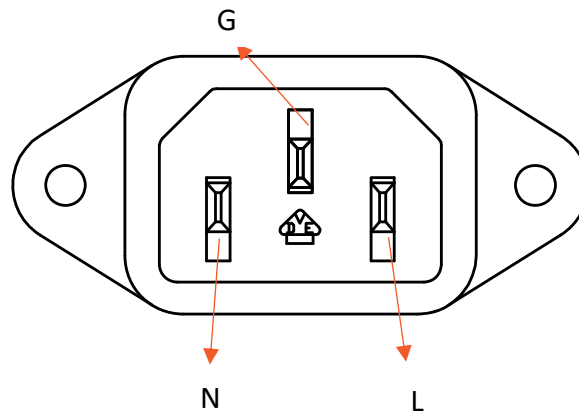
## SIGNAL CONNECTIONS

### Line In



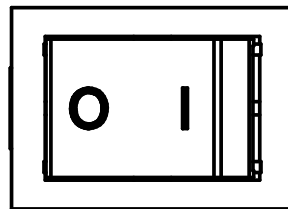
*Mating connector*

## Power Input

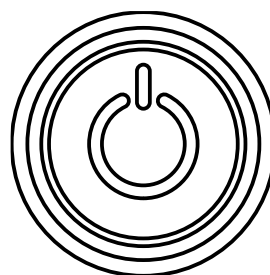


## Buttons

⇒ **AC main power switch:** On/off function for main AC power.



⇒ **DC power button:** On/off function for internal DC power.



## SAFETY GUIDELINES



**Caution** Do not operate the RackBeat in a manner not specified in this document. Product misuse can result in a hazard. You can compromise the safety protection built into the product if the product is damaged in any way. If the product is damaged, return it for repair.



## Contact

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