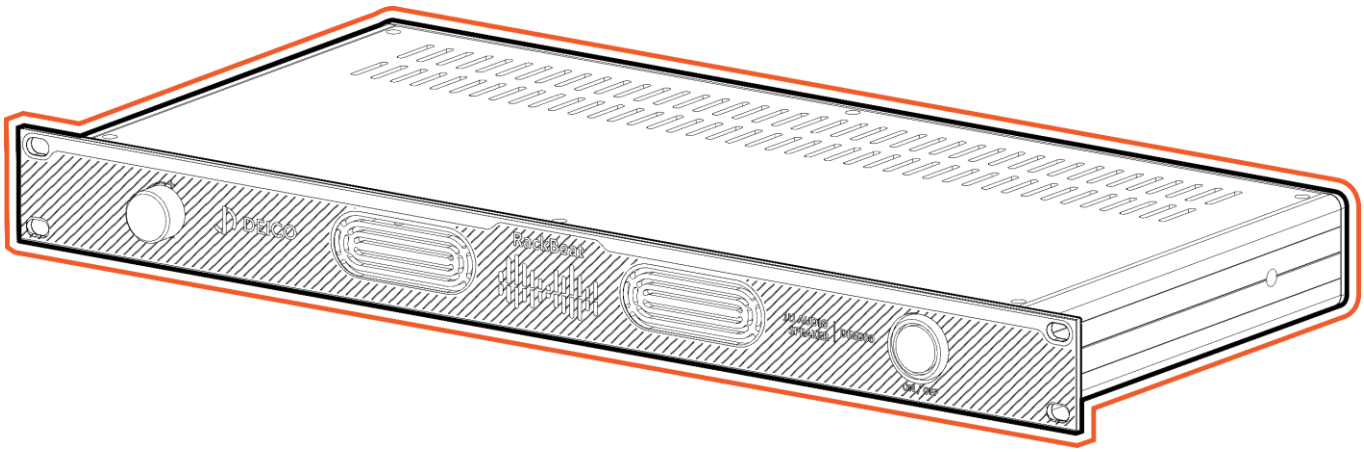
DE6000 DATASHEET

RACKBEAT
1U RACK MOUNT STEREO AUDIO SPEAKER



DEICO

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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:

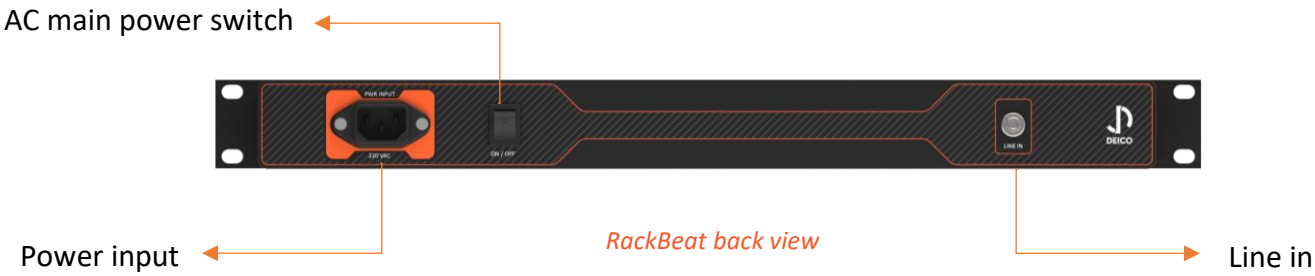
- ⇨ Automated Test Equipment (ATE)
- ⇨ Areas of Voice Verification

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



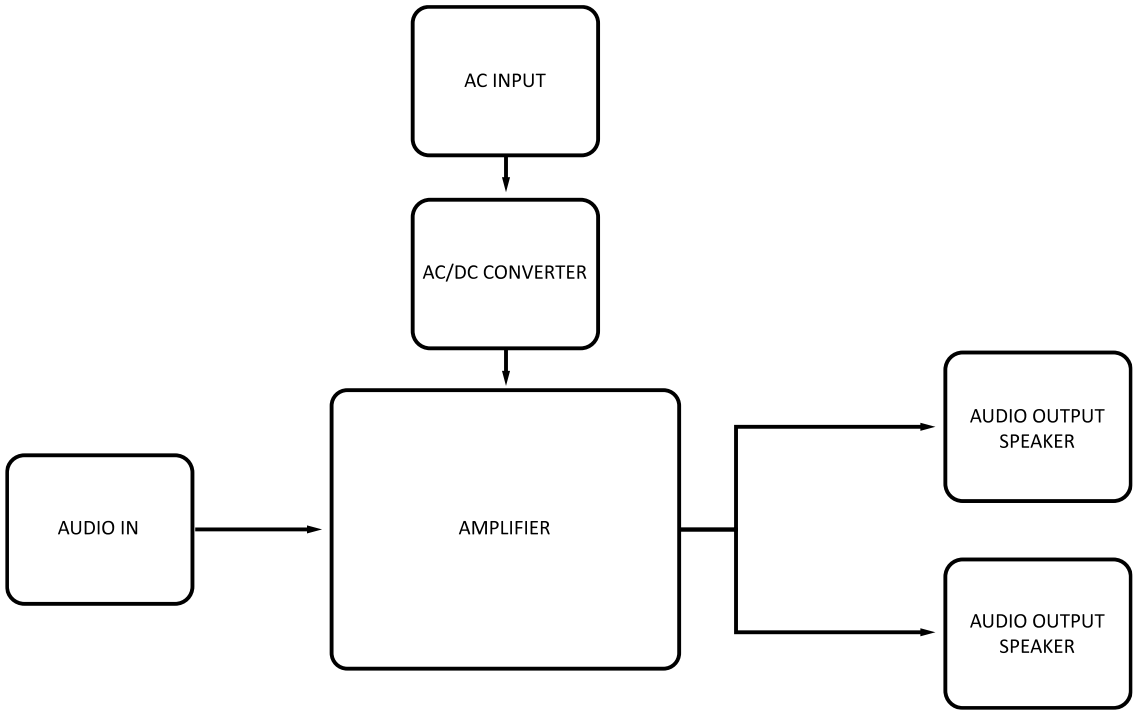
RackBeat front view



RackBeat back view

HARDWARE OVERVIEW

Circuitry



Block diagram of RackBeat

Hardware Specifications

Electrical

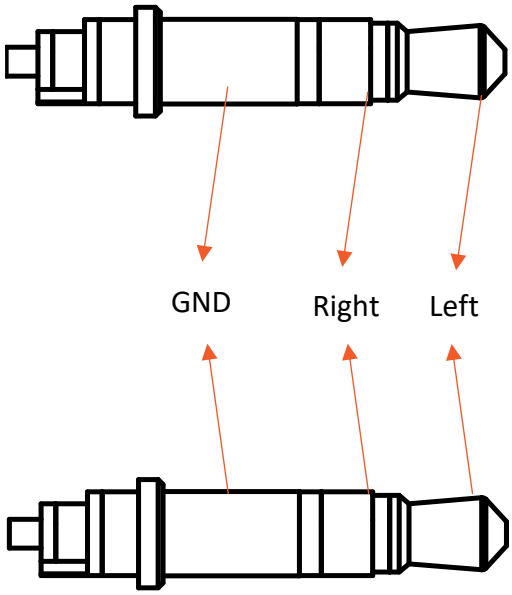
Specification	Test Conditions	Minimum	Typical	Maximum
Supply Voltage	—	88VAC	220VAC	264VAC
Supply Frequency	—	47Hz	50Hz	63Hz
Power	—	—	—	25.2W
Speaker Load	—	—	8Ω	—
Mean Sound Pressure Level	—	—	78dB	—
Continuous Output Power (per channel)	—	—	—	3W
Output Integrated Noise Floor	20Hz to 22kHz, A-Weighting	—	-90dB	—
Signal to Noise Ratio	Maximum output at THD+N < 0.5%, f = 1kHz	—	80dB	—
Line In Input Voltage	—	0,3 V	—	6V

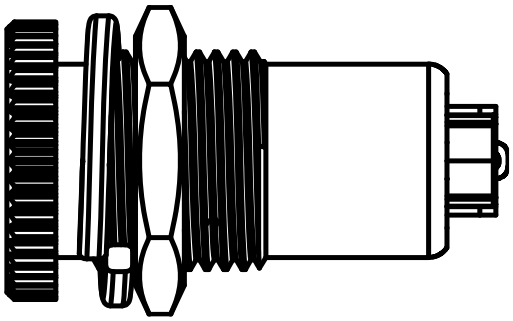
Physical

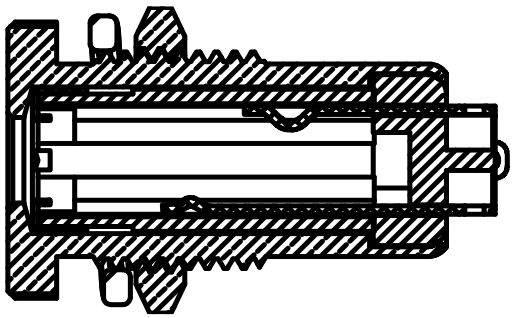
Specification	Typical	Notes
Dimensions	482.6mm x 43.5mm x 146mm	Standard rack dimensions
Rear Panel Connectors (x2)	IEC 14, 3.5mm Female Jack	MPN: 54-00081, 703W-00/08
Weight	1368 g	-

SIGNAL CONNECTIONS

Line In

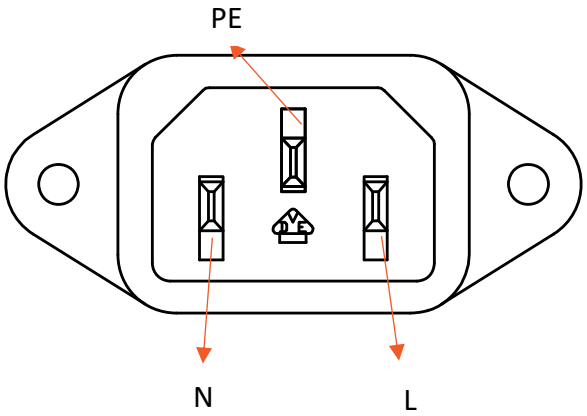






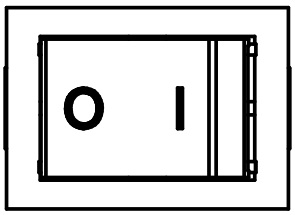
Mating connector

Power Input

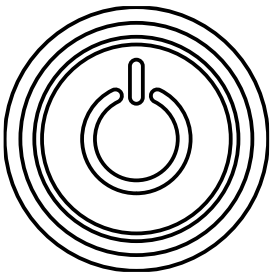


Buttons

⇨ **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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