

OPERATING INSTRUCTIONS

Before operating the unit, please read this manual thoroughly and retain it for future reference.



FUNCTIONS OF CONTROLS

FRONT PANEL



- 1. Power switch** and power/standby indicator
Lights up green when the power is turned on.
Lights up red when standby mode is active.
- 2. Headphones jack** (stereo phone jack)
- 3. Display window**
Displays the level value and other device status information.
For details, see the relevant section.
- 4. Level knob control (volume/mute) and display mode selector**
Increase and decrease the volume by rotating the knob clockwise and counterclockwise respectively.

Toggle mute by short press on the knob.

OFF

Choose among three display modes by long press on the knob:

1) Level scale in dB;

-62 ~ 0

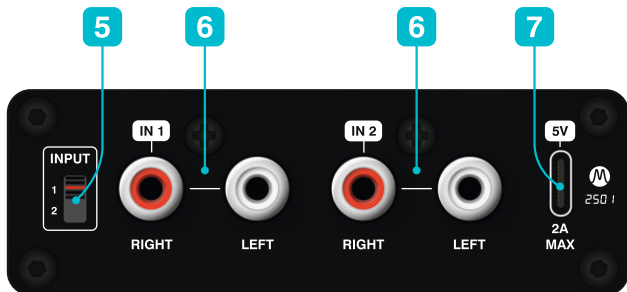
2) Level scale in %;

0 ~ 100

3) No display.

[Blank display]

High volume levels can damage your hearing or your headphones.



5. INPUT select switch

Select between two audio inputs.



6. AUDIO IN (input) jacks

Connect two independent line level signal sources.
Recommended level is 1 Vrms.

7. USB Type-C power

Connect to the mains using a USB Type-C power adaptor, rated at 5V (recommended 2000 mA or higher).

When the voltage is close to the shutdown threshold, "VLO" message appears on the display.



INFORMATION



Refer to the following source for additional information and for product and software updates.

The device is based on amplifier circuit by Peter Smith.



eep-lab.ru

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SPECIFICATIONS

LINE INPUTS

Type:	RCA stereo connectors
Impedance:	approx. 10 k Ω 47 pF
Input level:	1 V _{rms} (recommended)

HEADPHONES OUTPUT

Type:	1/4" TRS connector, stereo
Impedance:	16 – 600 Ω
Max. output level:	approx. 1000 mW in 16 Ω per channel
THD:	~0.0035% at 16 Ω , 1000 mW ~0.0011% at 32 Ω , 500 mW ~0.0006% at 100 Ω , 160 mW
Frequency response:	approx. 10 Hz – 70 kHz (–0.5dB)

GENERAL

Power requirements:	5V USB Type-C power supply
Power consumption:	10W
Dimensions:	85×35×127 mm (W/H/D) (3 1/3×1 1/3×5 in) including projecting parts and controls
Weight:	240 g (net) 330 g (in shipping carton)

