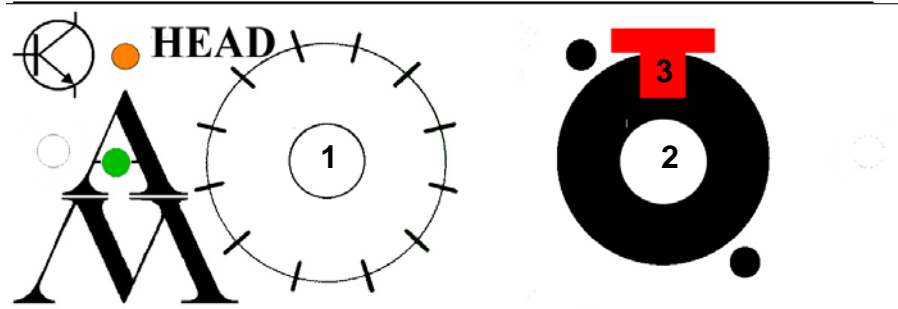


AUDIO-MANIACS HEADPHONE AMP

detailed manual

front



indicators:

overload / hearing impairment	orange LED
signal 0 dB	green LED

controls:

gain control	1	max. +22 dBu
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connections:

1 x 6,3 mm stereo jack for headphone	2
impedance min. 35 Ohms	
red push button to release jack	3

back

connections: 3 variations

1. HiFi	2 x cinch	input right/left channel
cable	multipin plug male	cable for electricity from
		the unit below
	multipin plug female	plug to deliver electricity
		to the unit above

standard:

2. studio	cable 2 x XLR female	input right/left channel
	cable multipin plug male	cable for electricity from
		the unit below
	multipin plug female	plug to deliver electricity
		to the unit above

3. broadcasting	2 x XLR	input right/left channel
	1 x XLR	for electricity

technical data

one headphone out, two input right/left channel

gain: 16 dB,

maximum gain at 50 Ω = +22 dBu

frequency response: 1 Hz – 1,6 MHz at 16 dB gain = +0/-0,1 dB

harmonic distortion from 20 Hz to 20 kHz (fundamental frequency):

k2 below 0,007 % k3 below 0,0003 %

noise ratio: -114 DB

phase deviation from 20 Hz to 20 kHz = -2°

indicators and controls

The green LED shows the level. If lighted the level has reached 0 dB. In addition it shows that the electricity is connected properly.

The **orange LED** shows **the limit at which your hearing could be harmed**. In this case the gain should be reduced. It is also depending on the type of headphone.

Gain control can be adjusted infinitely variable from 0 – 16 dB.

To pull out the headphone jack you have to press down the red security button 3.