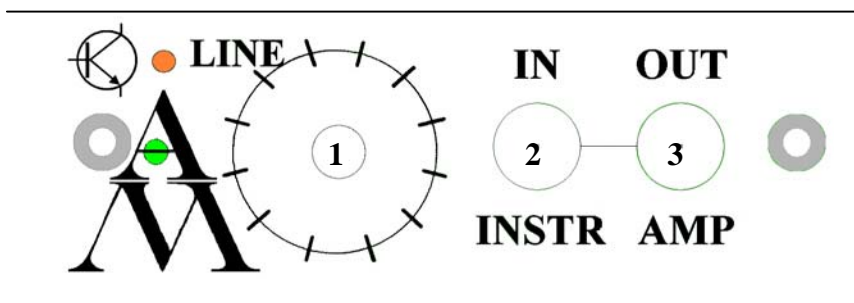


# AUDIO-MANIACS LINE AMP

## detailed manual

### front



#### indicators:

clipping	orange LED
signal 0 dB	green LED

#### controls:

gain control coarse	1	10 - 50 dB
instrument in	2	5 M $\Omega$
amp out	3	

### back

#### connections:

cable	2 x XLR male	out to converter, console, etc.
cable	multipin plug male	cable for electricity from unit below
	multipin plug female	delivers electricity to the unit above

### technical data

front: one line in asymmetrical,  
one line out to amp asymmetrically uncoupled to the input, signal through  
back: two line out electronically balanced, gain separately adjustable

gain: 10 - 50 dB,

frequency response:

5 Hz – 25 kHz at 66 dB gain = +/- 0 dB

5 Hz - 200 kHz at 66 dB gain = +0/-2 dB,

harmonic distortion: -110 dB / 0,0005%

measured with Rohde & Schwartz UPD, HP 3582A

noise ratio -121 dB effective

measured according to DIN 468 with Geräuschspannungsfiler Siemens U2233

measured according to "IRT Pflichtenheft" referring to +6dBm, equivalent to

1,546 Volt with ear curve filter according to CCITT = 137 dB

headroom +26 dB at 1 kOhm referring to 0 dBm

measured with Rohde & Schwartz UPD, Tektronics AA5001, HP 3582A

phase deviation < 3°

## **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.

Gain control can be adjusted infinitely variable from 10 – 50 dB.