

# MARENIUS

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# professional ducts

## PHONE AMP STEREO HEADPHONES AMPLIFIER



**PHONE AMP is an easy-to-use headphones amplifier. It is suitable for all situations where there is a need for connecting a line level audio signal to a headphone.**

### Multi-purpose amplifier

PHONE AMP will drive any kind of headphone within the impedance range 32 ohms to 600 ohms.

Gain is adjustable from mute to +14 dB, this equals 5X.

Any unbalanced line level signal will be sufficient as a source.

### Ultra-low power consumption

The unit is powered by a single 9 Volts alkaline battery.

It will keep the unit in work for more than 40 hours. Even when battery voltage drops to below 6 Volts the unit will keep on working.

A green front panel LED will be lit as long as the battery is OK.

### Easy to use

A miniature power switch and a gain knob are all controls there is.

Input sockets are RCA type, while output is 3,5 mm socket. By using an adapter it can connect to a headphone with 1/4" plug.

### Good-looking case

PHONE AMP is housed in a plastic case with a rubber-like material along the sides, for improved handling.

### TECHNICAL DATA

#### PHONE AMP

Number of channels	2
Input gain, LINE	max 14 dB
Maximum input levels	+ 24 dBu
Dynamic range (A-weighted)	> 100 dB
Frequency response	20 Hz – 20 kHz +0/-1,5 dB
THD+N	0 dB gain, 1 kHz, 300 Ω 0,008% @ 0 dBu in
DIM30	@ 1 kHz < 0,001%
Crosstalk	@ 1 kHz > 84 dB
Power	@ 0 dBu, 300 Ω 9 Volts DC @ 10 mA
Size	WxHxD 80 x 24 x 120 mm, sockets and knobs excl.
Weight	100 grams, excl. battery

