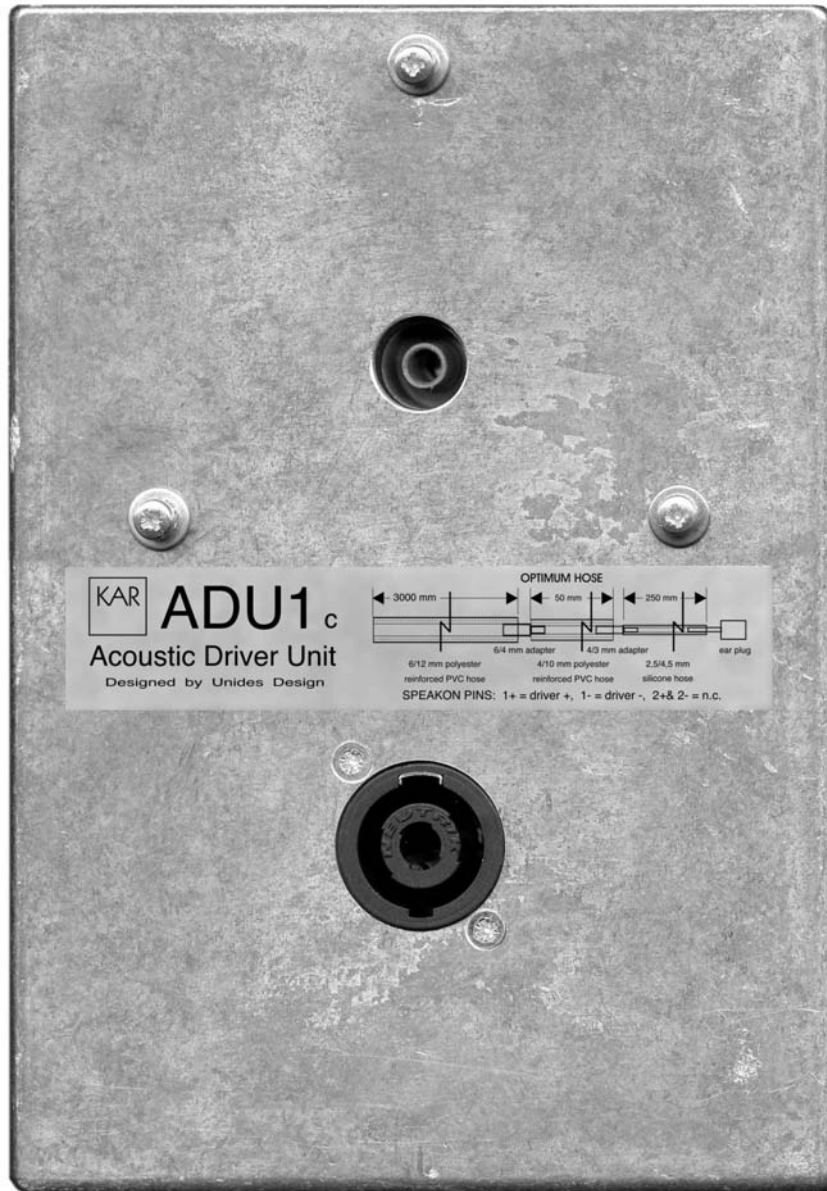


# KAR ADU1c

Audio stimulator \* PRELIMINARY DATA\*



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[www.kar.fi](http://www.kar.fi)

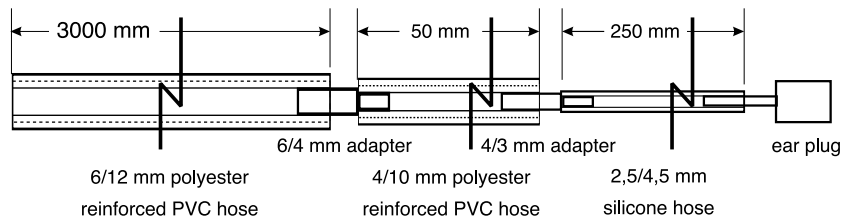
## Description

KAR ADU1 audio stimulator replaces headphones / loudspeakers in surroundings where electromagnetic interference fields cannot be allowed.

The electrodynamic transducer (sound source) with the control electronics of the stimulator are enclosed in a moulded aluminum box, from which sound is transmitted via plastic / silicone tubes to a replaceable porous EAR-tip acting as an earphone.

The stimulator is driven by a normal sound amplifier (recommended output power: 100 W RMS / 8 ohm per channel). The passive sound source requires no power supply.

The ADU1 audio stimulator is a single channel device, hence a binaural system consists of two units.



The dimensions of the tubes of the ADU1c audio stimulator.

## Technical specifications

Power handling: 100 W/8 ohm

Sensitivity (\*1): ca. 90 dB/2,83 V

THD, 2,83 V, 100/1000 Hz: 0,1/0,05 %

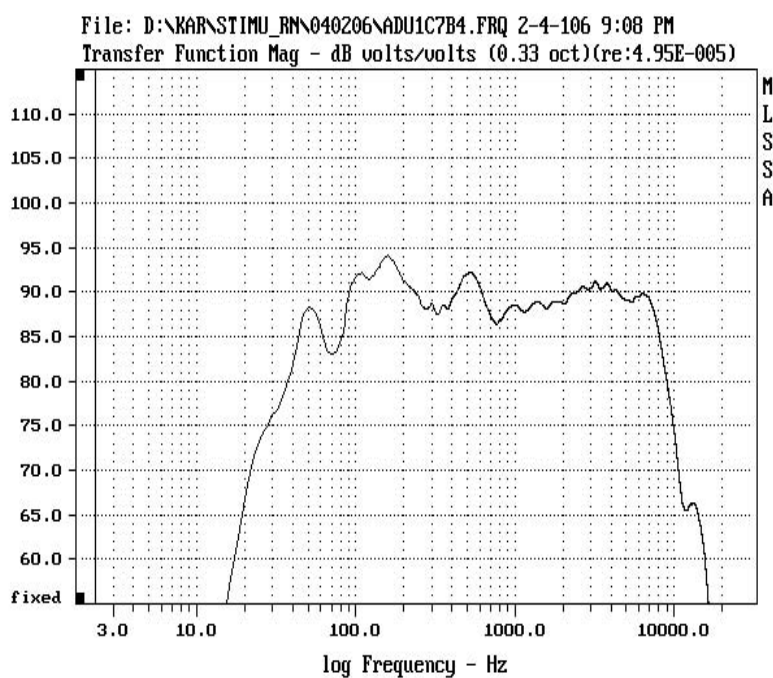
Connector: Speakon, 4-way

Dimensions

-- stimulator (W\*H\*D): 120\*55\*188 mm

-- tube length: 3300 mm

Frequency response (\*1):




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ADU1c7 B&K 4157+4134 gel EAR-tip 20 cm coil ave=20

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FREQUENCY DOMAIN MENU: Go View Reference Acquisition Setup Transfer Macro QC  
Overlay Calculate Printer DOS Units Library Info Exit  
F1 for Help MLSSA: Frequency Domain

\*1) Measured with broadband pseudo-random noise applying an IEC 711 artificial ear (Brüel&Kjær Type 4157 Artificial Ear + microphone Type 4134 + Preamplifier Type 2636).

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