

# The ANY-maze Audio interface



## Overview

The ANY-maze Audio interface provides six mono speaker outputs each of which can independently play tones, white noise or any sound file.

## Technical specification

<b>Connection to PC</b>	
Connection type	USB (USB1.1, USB2.0, USB3.0 compatible)
Connection indication	LED: Green=Ready to play; Red=No DC power and/or not connected to ANY-maze (note 1)
Power:	Powered from external DC power supply
Input voltage	9 V <sub>DC</sub> – 36 V <sub>DC</sub>
Input current	1.5A
Connector	2.1mm jack, centre positive or centre negative
<b>Outputs</b>	
Number of channels	6
Output power	3W into 4 ohms, 1.7W into 8 ohms
Amplifier type	Class D
Maximum sound level	108 dBA (note 2)
Connector	3.5mm pitch pluggable screw terminal block

## Notes

1. Indicator LED can be suppressed, which is useful for tests performed in darkness and/or to avoid providing potential cues to the animals.
2. Sound level measurements depend on many factors and the value quoted here is only provided as a guide. The conditions used for this measurement were: The ANY-maze 8-ohm speaker playing a 2.5KHz tone (sine wave) at 100% volume, measured at a distance of 50cm directly in front of the speaker.