

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

Connection to PC	
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 _{DC} – 36 V _{DC}
Input current	1.5A
Connector	2.1mm jack, centre positive or centre negative
Outputs	
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.