

Audient iD14 MKII - Linux (CachyOS) Setup Guide

Stereo balance and full I/O profile workflow

1) Ensure required packages and profiles are up to date

- `sudo pacman -Syu alsa-ucm-conf pipewire wireplumber pavucontrol qpwgraph`
- `pacman -Qi alsa-ucm-conf | grep -E 'Version|Build Date|Install Date'`
- Goal: make sure ALSA UCM profiles and PipeWire stack are current.

2) Use two operating modes

- Desktop mode (music, browser, meetings): use HiFi/Stereo profile.
- Pro mode (DAW, advanced routing): use Pro Audio profile.
- This avoids 6-channel surround mapping when you only want normal stereo.

3) Verify and fix stereo mapping

- Check sink channel map:
- `wpctl inspect @DEFAULT_AUDIO_SINK@ | grep -E 'audio.channels|audio.position|node.name'`
- Expected for normal stereo playback:
- `audio.channels = 2` and `audio.position = FL,FR`
- If needed, reset channel volume evenly:
- `pactl set-sink-volume @DEFAULT_SINK@ 100% 100%`

4) Confirm left/right behavior

- `speaker-test -c 2 -t wav`
- You should hear clear alternating left/right output.
- If mapping is correct but one side is still quieter, check cable, monitor gain, and input trim.

5) List and patch all available I/O in Pro mode

- List outputs/inputs:
- `pw-link -o`
- `pw-link -i`
- Use `qpwgraph` for visual patching when running DAW or advanced routing.

6) Make profile behavior persistent (WirePlumber rule)

- Create a local config fragment so the device does not jump back to wrong profile.
- Path:
- `~/.config/wireplumber/wireplumber.conf.d/60-audient-id14.conf`
- Use `monitor.alsa.rules` and set `device.profile`, `api.alsa.use-ucm`, `api.acp.auto-profile`, `api.acp.auto-port` as needed.
- Then restart services:
- `systemctl --user restart wireplumber pipewire pipewire-pulse`

7) Quick reboot sanity check

- `wpctl status`
- `wpctl inspect @DEFAULT_AUDIO_SINK@ | grep -E 'audio.channels|audio.position|node.name'`
- `speaker-test -c 2 -t wav`
- For Desktop mode, confirm 2 channels with FL/FR.

8) Notes about Audient on Linux

- Audient iD software mixer is not officially provided for Linux.
- iD14 MKII works class-compliant, but some vendor-specific mixer/routing behavior differs from Windows/macOS.

8) Notes about Audient on Linux (continued)

- Practical Linux approach: profile discipline + PipeWire/WirePlumber + qpgraph.