

Kyma / Pacamara + Metric Halo LIO-8

Troubleshooting Log — Value & Sharing Recommendations

Overview

The troubleshooting session documented in the accompanying setup summary represents a genuine and replicable real-world experience. The problems encountered are not obvious, the solutions are currently scattered across multiple sources, and having them consolidated in one place will be of significant value to other users attempting the same or similar configurations.

What Makes This Log Particularly Useful

- It documents a real-world multi-device setup that many Kyma users aspire to achieve — routing Kyma audio through a professional interface alongside a DAW and software instruments.
- It identifies failure modes that look identical on the surface but have different underlying causes, helping future users avoid lengthy misdirected troubleshooting.
- It documents the fact that a defective Ethernet adapter can pass a ping test yet still fail at the Kyma protocol level — a subtle and highly confusing symptom not documented elsewhere.
- It clarifies the non-obvious and critical startup order dependency between the Pacamara, Metric Halo, and Kyma software.
- It explains the counterintuitive behaviour of the Metric Halo LIO-8's red network indicator in macOS — which is normal and expected, not a sign of failure.
- It confirms that the Metric Halo LIO-8 mkIV is class-compliant and compatible with the Pacamara as a directly connected audio interface.

Recommended Communities for Sharing

This documentation would be welcomed and useful in the following communities:

Kyma Community Forum — kyma.symbolicsound.com

The official Symbolic Sound community forum. Very active and highly receptive to user-contributed documentation. This is the most directly relevant audience.

Metric Halo User Community — mh-audio.com

Metric Halo maintains an active user forum. Documentation of the LIO-8 mkIV's class-compliant behaviour and MHLINK network indicator quirks would be valuable here.

Mod Wiggler — Kyma Thread — modwiggler.com

A large and engaged modular synthesis community with a dedicated Kyma thread. Users here frequently discuss real-world setup challenges.

Suggested Problem-Solving Framework for Future Users

Based on this experience, a more efficient diagnostic sequence for similar setups would be:

1. Verify all Ethernet adapters individually before beginning — confirm each one is detected by macOS alone, without other adapters present.
2. Confirm adapter speed is gigabit (1000 Mbps or higher) — 100 Mbps adapters will fail silently at the Kyma protocol level even if ping succeeds.
3. Configure the Pacamara Ethernet adapter with a static IP before first launch of Kyma.
4. Establish Kyma connectivity with Ethernet only first — no USB-C audio connection — then introduce USB-C after Kyma is open.
5. Use MIO Console, not macOS Network settings, as the definitive indicator of Metric Halo connectivity.
6. Connect the LIO-8 to the Pacamara's USB-A port only after Kyma is open and connected.
7. If Kyma fails to write a preference file on launch, reinstall the application completely before further network troubleshooting.